TADANO

Tadano All Terrain Crane

ATF-400G-6(J)

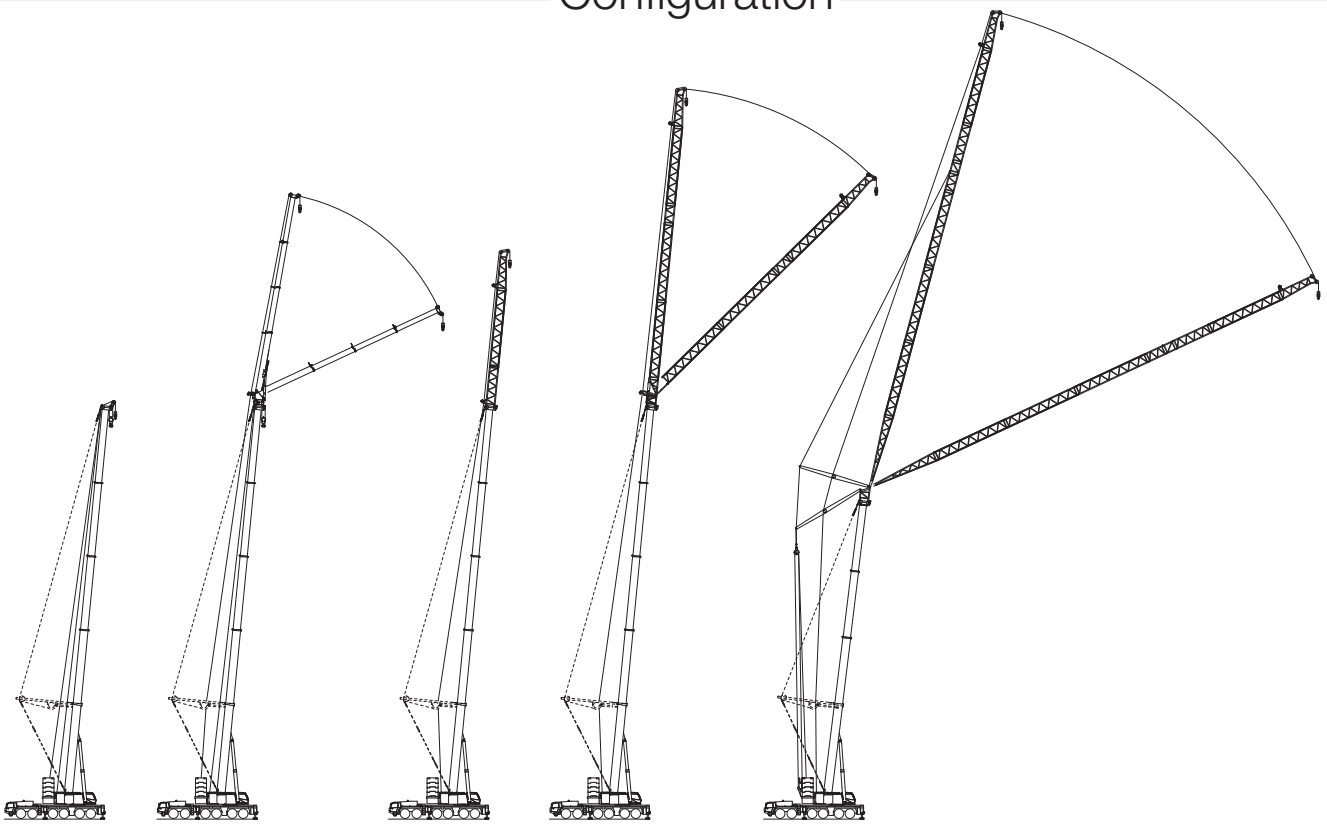
Specifications

Model name	ATF-400G6(J)
Carrier	FAUN ATF400G-6
Spec. No.	ATF-400G-1-90101, 90102

Tadano Ltd.

ALL TERRAIN CRANE
ATF400G-6

Configuration



	Full automatic luffing jib	Fixed jib	Hydraulic tilt jib	Luffing jib
Boom	FLJ	LFJ	HLJ	LJ
PS+Boom	PS+FLJ	PS+LFJ	PS+HLJ	PS+LJ

- For ATF400G-6 (90101, 90102 specifications), there are four types of jibs, including full automatic luffing jib (FLJ), fixed jib (LFJ), hydraulic tilt jib (HLJ), and luffing jib (LJ).
- The PS is a device to reduce boom deflection and increase the rated lifting capacity. It can be installed on the boom as well as the boom with any of the jibs attached.
- A heavy load lifting device is provided with 90101 specification and not provided with 90102 specification. Therefore, the maximum rated lifting capacity will be as shown in the table.

Specification	Max. rated lifting capacity
90101	400 t
90102	200 t

INDEX

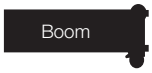
■ Specifications
■ Traveling
■ Transport
■ Installation
■ Rated lifting capacity table

- Crane, Carrier ・・・

MEMO

Select the rated lifting capacity table according to the combination of counterweight and outrigger extension width, and read the values in the corresponding page.

Boom



Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t	16.5 t	7.5 t	0 t
8.5 m	P14	P14	P15	P16	P18	P19	P21	P23	P25	P27
8.0 m	—	P15	P16	P17	P18	P20	P22	P24	P26	P27
6.8 m	—	—	—	P17	P19	P20	P22	P24	P26	P28
5.5 m	—	—	—	—	—	P21	P23	P25	P27	P28
2.7 m	—	—	—	—	—	—	—	—	—	P28

PS + Boom

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t	16.5 t	7.5 t	0 t
8.5 m	P32	P32	P32	P33	P34	P34	P35	—	—	P36
8.0 m	—	P32	P33	P33	P34	P35	P35	—	—	P36
6.8 m	—	—	—	P33	P34	P35	P36	—	—	P36

Boom + Full automatic luffing jib (FLJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	—	P40	P42	P47	P55	P62	P68
8.0 m	—	P40	P45	P50	P57	P64	P70
6.8 m	—	—	—	P52	P60	P66	—

PS + Boom + Full automatic luffing jib (FLJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	P74	P76	P81	P86	P94	P101	P107
8.0 m	—	P79	P84	P89	P96	P103	—
6.8 m	—	—	—	P91	P99	P105	—

Boom + Fixed jib (LFJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	—	—	P113	P115	P118	P121	P124
8.0 m	—	—	P114	P116	P119	P122	P125
6.8 m	—	—	—	P117	P120	P123	P126

PS + Boom + Fixed jib (LFJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	P130	P131	P133	P135	P138	P141	P144
8.0 m	—	P132	P134	P136	P139	P142	P145
6.8 m	—	—	—	P137	P140	P143	P146

Boom + Hydraulic tilt jib (HLJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	—	P151	P155	P163	P175	P186	P195
8.0 m	—	P151	P159	P167	P179	P189	P197
6.8 m	—	—	—	P171	P183	P192	P199

PS + Boom + Hydraulic tilt jib (HLJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	P204	P208	P216	P224	P236	P246	P254
8.0 m	—	P212	P220	P228	P240	P249	P256
6.8 m	—	—	—	P232	P243	P252	P258

Boom + Luffing jib (LJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t
8.5 m	P264	P268	P276	P284	P290	P293
8.0 m	—	P272	P279	P286	P292	P294
6.8 m	—	—	P282	P288	—	—

PS + Boom + Luffing jib (LJ)

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t
8.5 m	P298	P302	P310	P318	P324	P327
8.0 m	—	P306	P313	P320	P326	P328
6.8 m	—	—	P316	P322	—	—

Note: Do not perform crane operations with combinations marked with the '-' mark.

Specifications

■Crane

Boom	15.0m	400.0t × 2.7m (46 parts of line)* 200.0t × 4.0m (20 parts of line)	* Specifications with a heavy load lifting device
	20.1m	170.0t × 5.0m (17 parts of line)	
	25.1m	162.0t × 5.0m (16 parts of line)	
	30.2m	139.0t × 6.0m (13 parts of line)	With PS
	35.3m	123.4t × 5.0m (12 parts of line)	118.0t × 6.0m (11 parts of line)
	40.4m	84.2t × 8.0m (8 parts of line)	84.2t × 9.0m (8 parts of line)
	45.4m	71.6t × 8.0m (7 parts of line)	68.0t × 12.0m (6 parts of line)
	50.5m	54.3t × 10.0m (5 parts of line)	58.0t × 14.0m (5 parts of line)
	55.6m	45.0t × 11.0m (4 parts of line)	45.0t × 11.0m (4 parts of line)
	60.0m	34.5t × 14.0m (3 parts of line)	34.9t × 10.0m (3 parts of line)
Single top		12.2t (1 part of line)	
Full automatic luffing jib (FLJ)	2.3m+10.3m FLJ	38.4t × 9.0m (4 parts of line)	37.6t × 14.0m (4 parts of line)
	2.3m+17.2m FLJ	16.7t × 24.0m (2 parts of line)	16.7t × 26.0m (2 parts of line)
	2.3m+24.1m FLJ	16.0t × 14.0m (2 parts of line)	16.4t × 14.0m (2 parts of line)
	2.3m+31.0m FLJ	10.9t × 16.0m (1 part of line)	10.9t × 18.0m (1 part of line)
Fixed jib (LFJ)	6.0m LFJ	50.2t × 8.0m (5 parts of line)	58.6t × 12.0m (5 parts of line)
	12.0m LFJ	43.1t × 9.0m (4 parts of line)	47.4t × 11.0m (4 parts of line)
	18.0m LFJ	32.8t × 11.0m (3 parts of line)	33.3t × 11.0m (3 parts of line)
	24.0m LFJ	23.8t × 12.0m (2 parts of line)	23.7t × 12.0m (2 parts of line)
Hydraulic tilt jib (HLJ)	2.0m+ 3.5m HLJ	47.7t × 8.0m (5 parts of line)	58.6t × 12.0m (5 parts of line)
	2.0m+11.5m HLJ	38.8t × 10.0m (4 parts of line)	45.4t × 11.0m (4 parts of line)
	2.0m+17.5m HLJ	31.5t × 11.0m (3 parts of line)	32.6t × 14.0m (3 parts of line)
	2.0m+23.5m HLJ	25.7t × 12.0m (3 parts of line)	24.7t × 16.0m (3 parts of line)
	2.0m+29.5m HLJ	20.4t × 14.0m (2 parts of line)	18.7t × 20.0m (2 parts of line)
	2.0m+35.5m HLJ	17.2t × 14.0m (2 parts of line)	14.1t × 22.0m (2 parts of line)
	2.0m+41.5m HLJ	13.4t × 16.0m (2 parts of line)	10.1t × 28.0m (1 part of line)
	2.0m+47.5m HLJ	10.7t × 16.0m (1 part of line)	6.7t × 32.0m (1 part of line)
Luffing jib (LJ)	2.5m+20.3m LJ	69.7t × 14.0m (6 parts of line)	39.8t × 16.0m (4 parts of line)
	2.5m+32.3m LJ	58.6t × 14.0m (5 parts of line)	30.8t × 18.0m (3 parts of line)
	2.5m+34.0m LJ	40.8t × 18.0m (4 parts of line)	27.8t × 18.0m (3 parts of line)
	2.5m+40.0m LJ	36.7t × 14.0m (4 parts of line)	20.8t × 20.0m (2 parts of line)
	2.5m+46.0m (heavy) LJ	36.7t × 16.0m (4 parts of line)	17.1t × 22.0m (2 parts of line)
	2.5m+52.0m (heavy) LJ	29.8t × 18.0m (3 parts of line)	15.5t × 24.0m (2 parts of line)
	2.5m+58.0m (heavy) LJ	21.8t × 20.0m (2 parts of line)	14.1t × 26.0m (2 parts of line)
	2.5m+64.0m (heavy) LJ	18.6t × 24.0m (2 parts of line)	12.3t × 28.0m (2 parts of line)
	2.5m+70.0m LJ	15.9t × 26.0m (2 parts of line)	10.3t × 32.0m (1 part of line)
	2.5m+76.0m LJ	12.8t × 28.0m (2 parts of line)	8.6t × 36.0m (1 part of line)
	2.5m+46.0m (light) LJ	25.8t × 16.0m (3 parts of line)	17.7t × 22.0m (2 parts of line)
	2.5m+52.0m (light) LJ	18.8t × 18.0m (2 parts of line)	14.0t × 26.0m (2 parts of line)
	2.5m+58.0m (light) LJ	20.9t × 22.0m (2 parts of line)	14.1t × 26.0m (2 parts of line)
	2.5m+64.0m (light) LJ	16.5t × 24.0m (2 parts of line)	12.2t × 28.0m (1 part of line)
Maximum lifting height	Boom	60m (34.5t)	60m (34.9t)
	FLJ	93m (5.7t)	93m (5.3t)
	LFJ	85m (13.3t)	85m (11.2t)
	HLJ	110m (5.6t)	99m (3.3t)
	LJ	122m (5.1t)	122m (4.8t)
Maximum load radius	Boom	58m (5.8t)	58m (3.7t)
	FLJ	66m (1.9t)	66m (2.2t)
	LFJ	78m (2.5t)	78m (2.5t)
	HLJ	82m (1.8t)	86m (1.6t)
	LJ	86m (2.0t)	82m (3.2t)

Specifications

Boom/jib length	Boom	15.0m to 60.0m
	FLJ	2.3m + 10.3m to 31.0m
	LFJ	6.0m, 12.0m, 18.0m, 24.0m
	HLJ	2.0m + 3.5m,11.5m, 17.5m, 23.5m, 29.5m, 35.5m, 41.5m, 47.5m
	LJ	2.5m + 20.3m, 32.3m, 34.0m, 40.0m, 46.0m (heavy, light), 52.0m (heavy, light), 58.0m (heavy, light), 64.0m (heavy, light), 70m, 76m
Boom/jib type	Boom	Box-shaped 5-section hydraulic telescoping type, pin lock type for each section
	FLJ	Box-shaped 4-section simultaneous telescoping type, Offset 5° to 60°, hydraulic stepless tilt type
	LFJ	Lattice-shaped, offset 0° fixed type
	HLJ	Lattice-shaped, offset 0° to 40° hydraulic stepless tilt type
	LJ	Lattice-shaped, offset hydraulic stepless tilt type
	Single top	Installed to top boom section, side-folded stowing type
Boom/jib telescoping system	Boom	1 double-acting direct-pushing hydraulic cylinder, with pressure compensating flow control valve
	FLJ	1 double-acting direct-pushing hydraulic cylinder, 2 wire-rope boom telescoping systems
Boom extension speed		45m / 500s
Hook block		200t hook block (10-sheave), 80t hook block (3-sheave), 35t hook block (1-sheave), 12.2t hook block
Hoisting system		Hydraulic motor driven planetary gear speed reducer, automatic brake, with high/low pressure switching device, 2 single winches, with pressure compensating flow control valve
Wire rope	Main winch	Dia. 23mm × length 350m, non-rotating wire rope, with Super Stop
	Auxiliary winch	Dia. 23mm × length 580m, non-rotating wire rope, with Super Stop
Hoist up speed	Main winch	125m/min (5th layer)
	Auxiliary winch	135m/min (6th layer)
Boom elevating system		1 double-acting direct-pushing hydraulic cylinder, with pressure compensating flow control valve
Boom raising speed		0° to 84.5°/ 90s
Slewing system		Hydraulic motor driven planetary gear speed reducer, roller swing bearing, manual switch type brake, hydraulically-operated slewing lock
Slewing angle		360° continuous
Slewing speed		1.0min^{-1}
Counterweight		138t, 118t, 98t, 78t, 58t, 47t, 25t, 16.5t, 7.5t, 0t
Outriggers		Fully hydraulic H-type, with slide lock pins, slide-in float, Extension width: Max. 8.5m, Mid. 8.0m, 6.8m, 5.5m, Min. 2.7m

Upper engine	Type	Benz OM926LA, Water-cooled, 4-cycle, 6-cylinder direct injection, Turbocharging diesel engine with intercooler, with urea SCR system
	Displacement	7.201L
	Maximum output	195kW {265PS} / 2,200min^{-1}
	Maximum torque	1,100N·m {112kgf·m} / 1,200 to 1,600min^{-1}
Fuel tank capacity		230L
AdBlue tank capacity		8L
Hydraulic pump		High-pressure variable piston pump x 2 pcs, high-pressure piston pump x 1 pc, high-pressure gear pump x 1 pc
Safety device		Load moment indicator (AML) Working range limiter function, slewing range limiter function, automatic slewing stop function, boom elevation slow stop function, hook block travel amount display function Counterweight combination detection device, individually-detected type automatic outrigger extension width detector, anti-two-block device, over-unwinding cutout device, level gauge, hook safety latch, slewing lock device, hydraulic safety valve, hydraulic lock device (telescoping, elevating, hoisting, jack), winch drum revolution counter

Standard equipment	Counterweight mount/dismount device, boom elevating system mount/dismount device, speed adjustment device (elevating, slewing, hoisting, FLJ, HLJ tilt), anemometer (boom, FLJ, LFJ, HLJ, LJ), lift adjuster, release adjuster (boom), oil cooler, centralized lubrication system, AML external warning lamp, slewing warning device, loudspeaker, drum visual monitor, internally-tilt crane cab, seat with heater, heater/air conditioner, radio, mobile communication device (HELLO-NET Owner's Site)
Option	Steel pads

■Carrier

Maximum speed		85km/h
Gradability		tan θ = 0.46
Minimum turning radius		11.6m
Overall length		15,620mm
Overall width		3,000mm
Overall height		3,990mm
Wheel base		1,800mm+3,150mm+1,700mm+2,440mm+1,700mm
Wheel track		2,540mm
Gross vehicle load	Overall vehicle load	45,290kg
	Front axle	12,160kg (1st axle + 2nd axle)
	Rear axle	33,130kg (3rd axle + 4th axle + 5th axle + 6th axle)
Seating capacity		2 persons
Engine	Type	Benz OM502LA, Water-cooled, 4-cycle, V-type, 8-cylinder direct injection, turbocharging diesel engine with intercooler, with urea SCR system
	Displacement	15.928L
	Maximum output	480kW {653PS} / 1,800min^{-1}
	Maximum torque	3,000N·m {306kgf·m} / 1,300min^{-1}
Fuel tank capacity		450L
AdBlue tank capacity		40L
Transmission	Type	ZF TC Tronic Automatic transmission, with torque converter/intarder brake
	Speeds	12 forward and 2 reverse speeds
Driving method		12×6 (8) 1st axle + 3rd axle + (4th axle) + 5th axle, with differential lock device
Axle system		6 axles full-floating type
Suspension		All-axle hydro-pneumatic suspension, with leveling adjustment Suspension stroke: +175mm, -90mm
Steering		Left-hand drive, dual-circuit system power steering with emergency steering pump, power steering, with special steering mode
Brake	Main brake	Pneumatic all-wheel brake, dual-circuit system
	Parking brake	Spring brake system on 3rd/4th/5th/6th axles
	Auxiliary brake	Transmission-integrated intarder, exhaust brake
Tire		445/95 R 25 (12 wheels)
Battery		12V -170Ah ×2 (24V)
Standard equipment		Centralized lubrication system, back monitor, heater/air conditioner, radio, bunk bed for resting

Traveling

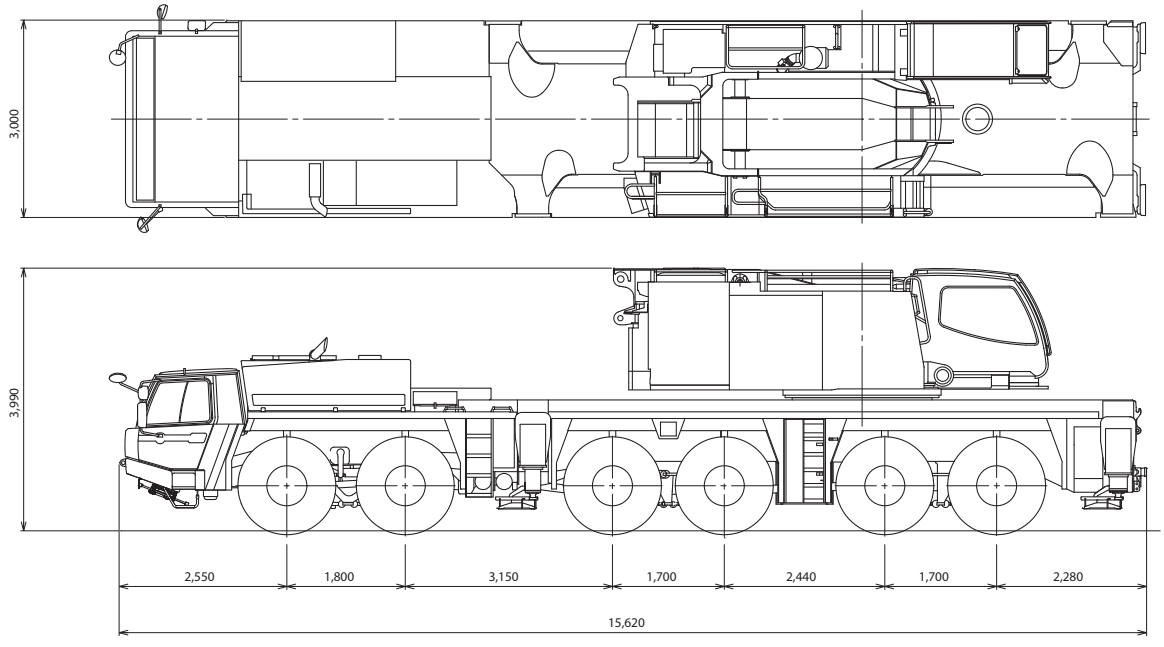
■ Traveling configuration on public roads

Unit (mm)

● Carrier + superstructure 45.29 t

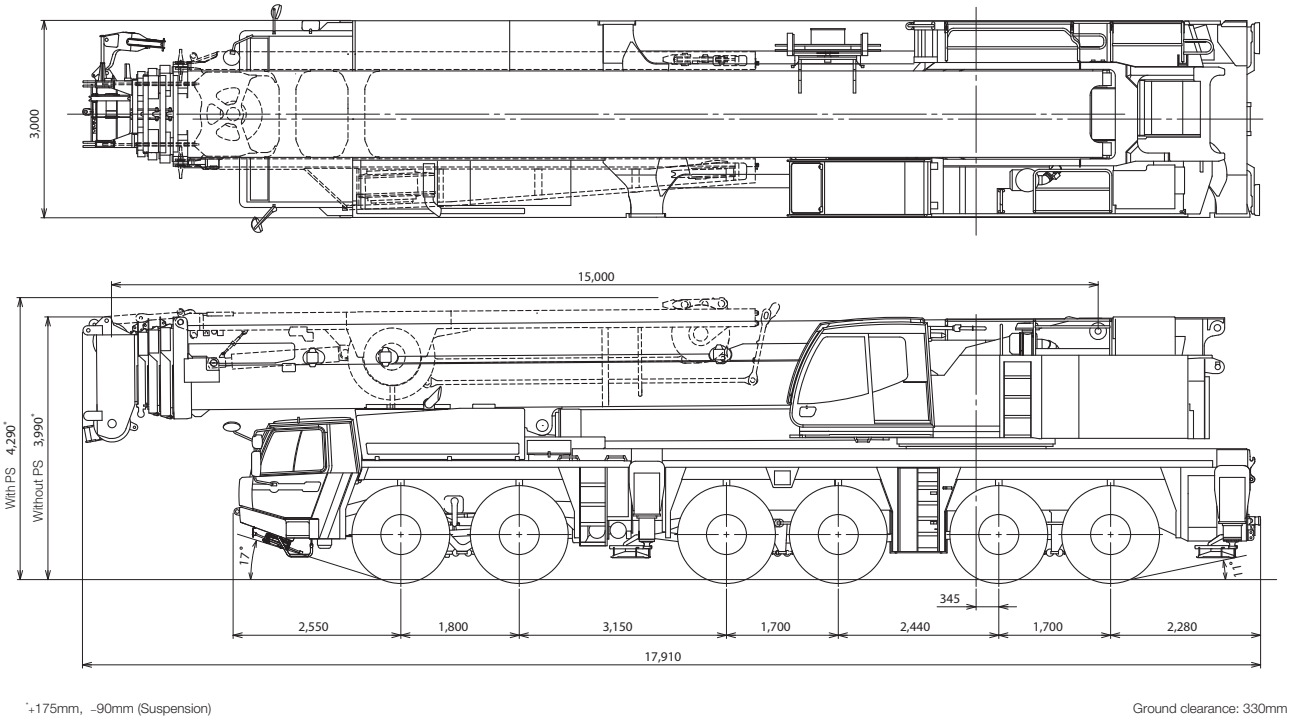
(Precautions when traveling on public roads)

1. The boom elevating system and counterweight device must be transported separately. Traveling must be performed with the crane carrier only.
2. Certification for relaxation of safety standards according to the safety regulation for road vehicle is required.
3. The special-purpose vehicle traffic permit specified in the Road Traffic Law is required. We have obtained conformity certification with the basic traveling condition weight: C indicated, but we must adhere to the conditions approved upon application for actual traveling route.



■ Traveling configuration in work sites

Unit (mm)



*+175mm, –90mm (Suspension)

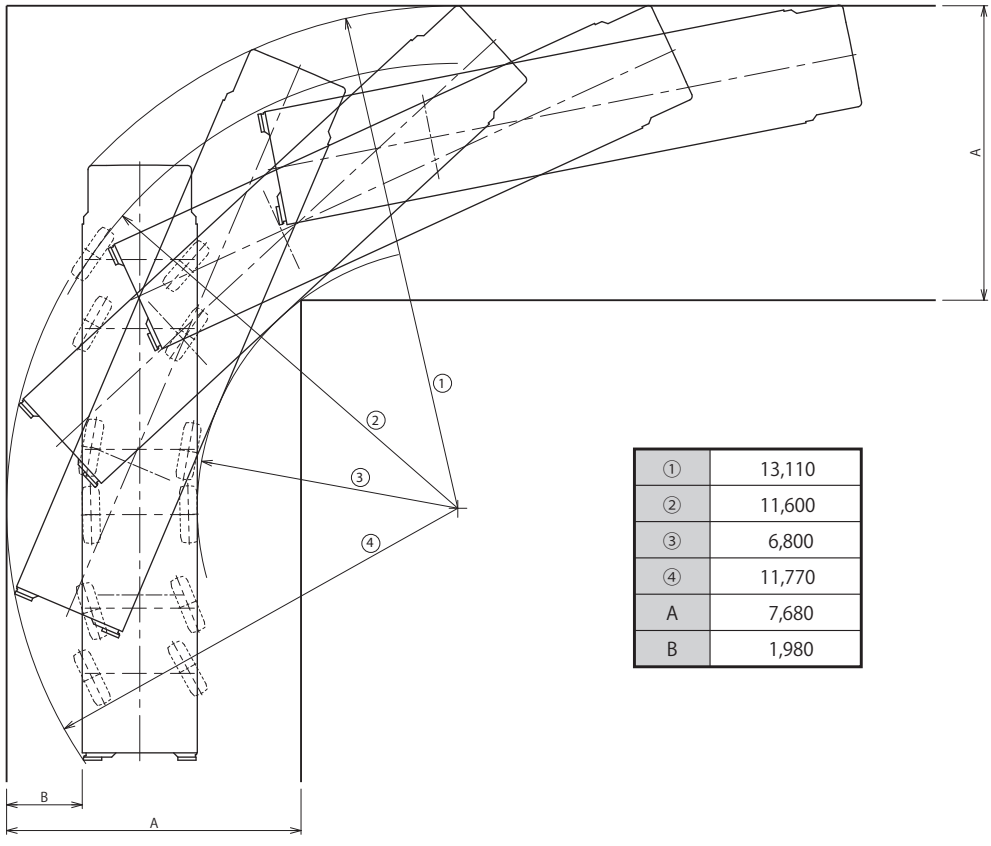
Ground clearance: 330mm

Traveling

■ Minimum right-angle passage width

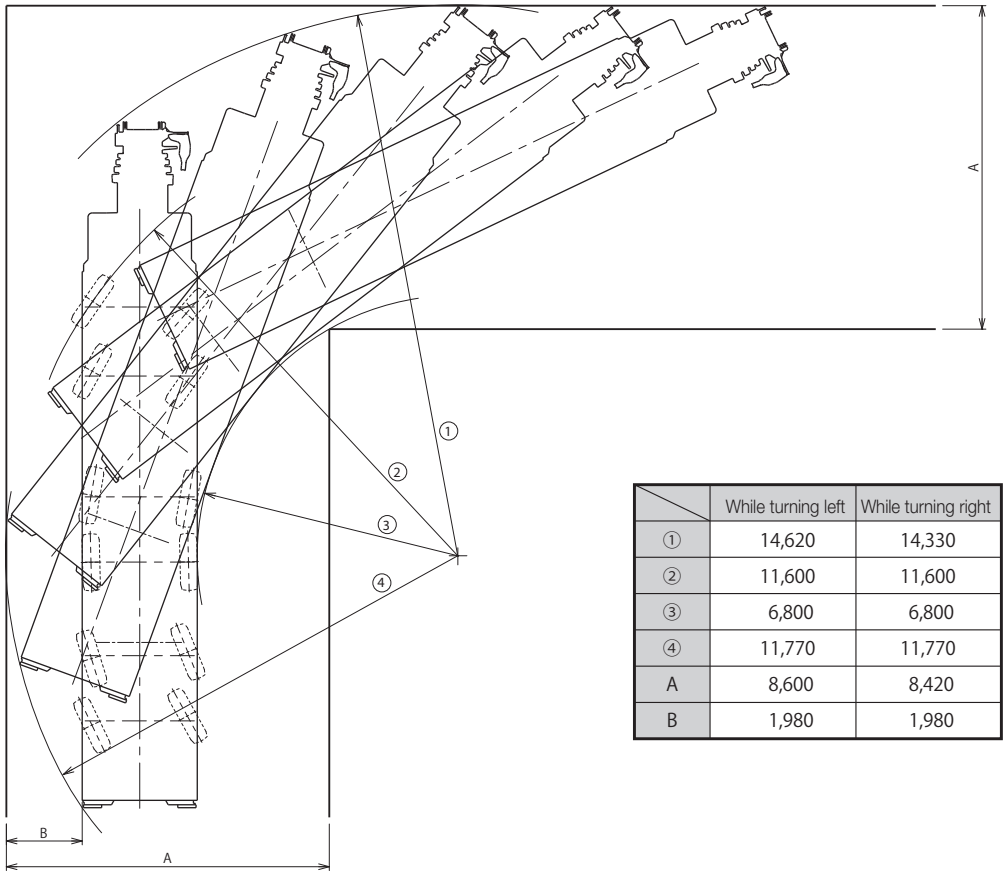
Unit (mm)

● Traveling configuration on public roads



①	13,110
②	11,600
③	6,800
④	11,770
A	7,680
B	1,980

● Traveling configuration in work sites (single top stowed)



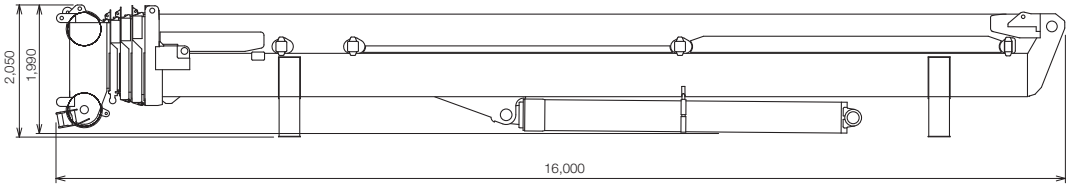
	While turning left	While turning right
①	14,620	14,330
②	11,600	11,600
③	6,800	6,800
④	11,770	11,770
A	8,600	8,420
B	1,980	1,980

Transport

■ Components disassembled for transport

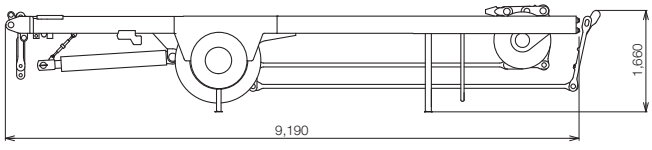
Unit (mm)

● Boom + elevating cylinder (with hose reel and single top) 28.1 t (stand included)
27.5 t (stand excluded)



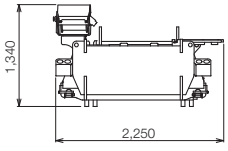
Width 2,330

● PS 6.3 t



Width 2,550

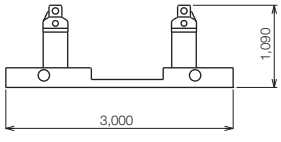
● Auxiliary winch 4.8 t



Length 2,200

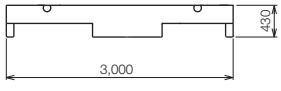
● Counterweight (C/W)

① 7.5 t



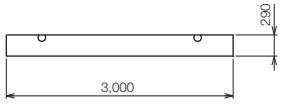
Length 1,770

② 9.0 t



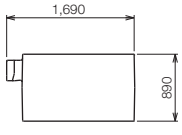
Length 1,710

③ 8.5 t



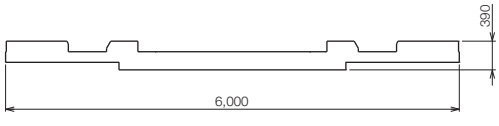
Length 1,710

④ 11.0 t × 2 pcs



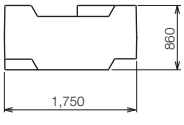
Length 1,750

⑤ 11.0 t



Length 1,960

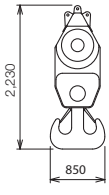
⑥ 10.0 t × 8 pcs



Length 1,710

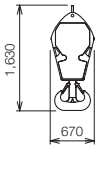
● Hook block

200t hook block 3.2 t



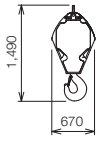
Width 1,220

80t hook block 1.55 t



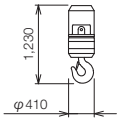
Width 480

35t hook block 0.95 t



Width 610

12.2t hook block 0.44 t



Width 410

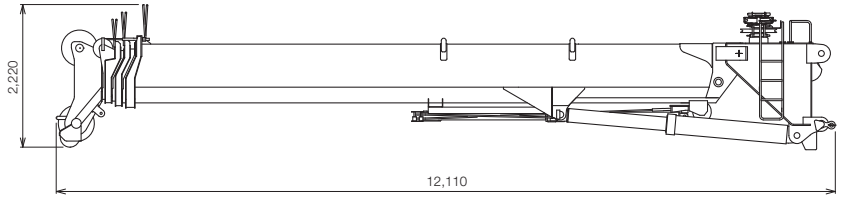
There are other accessories included.

Transport

■ Components disassembled for transport

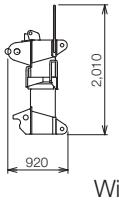
Unit (mm)

● Full automatic luffing jib (FLJ) 10.6 t



Width 1,420

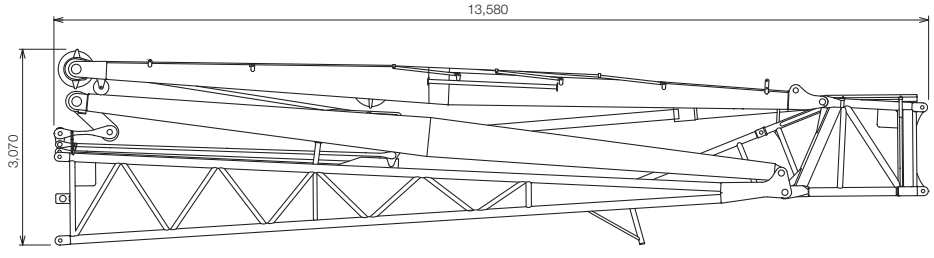
● Adapter 0.8 t



Width 2,180

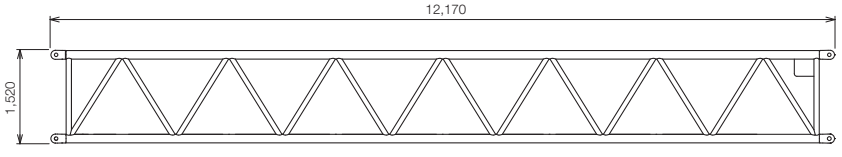
● Luffing jib (LJ)

① Base jib + mast 9.1 t



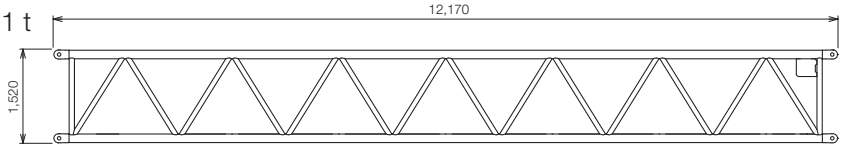
Width 2,050

② Middle jib A 2.8 t



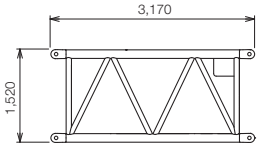
Width 1,840

③ Middle jib B × 2 pcs 2.1 t



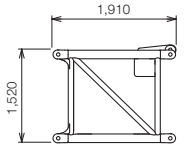
Width 1,840

④ Reducer jib 0.75 t



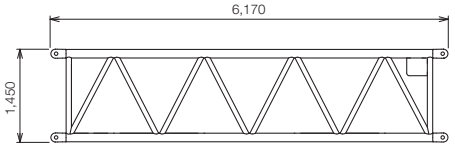
Width 1,840

⑤ Pendant connector jib 0.6 t



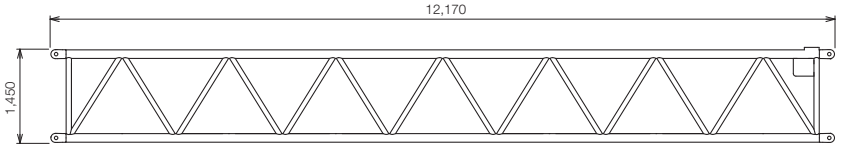
Width 1,060

⑥ Middle jib C 0.9 t



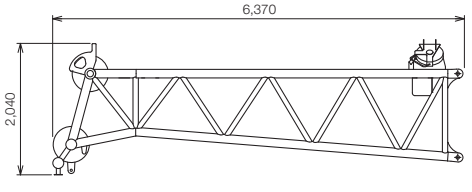
Width 1,060

⑦ Middle jib D 1.5 t



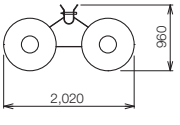
Width 1,060

⑧ Top jib 1.45 t



Width 1,060

● Jib top dolly 0.4 t



Width 1,540

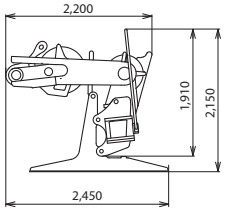
There are other accessories included.

Transport

■ Components disassembled for transport

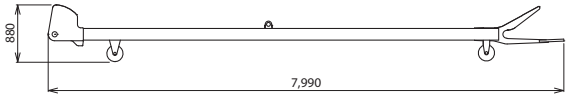
Unit (mm)

- Equalizer sheave 1.4 t (stand included) 1.1 t (stand excluded)



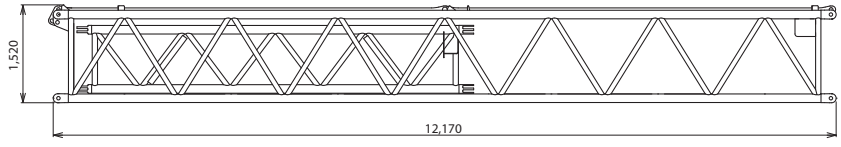
Width 1,630

- Mast 3 (for erection) 0.9 t



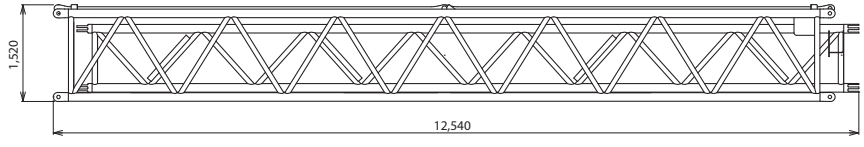
Width 1,460

- ②+⑥ Middle jib A + Middle jib C 3.7 t



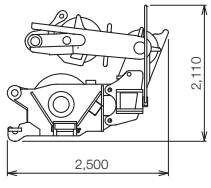
Width **1,840**

- ③+⑦ Middle jib B + Middle jib D 3.6 t



Width **1,840**

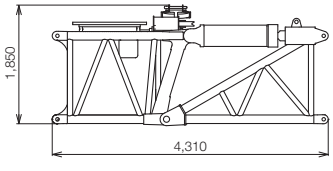
- Auxiliary winch + Equalizer sheave 5.9 t



Width 2,210

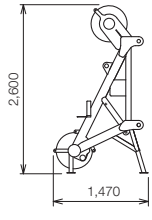
- Hydraulic tilt jib (HLJ)

⑨ HLJ base jib 2.8 t



Width 2,040

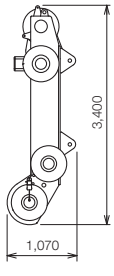
⑩ Heavy top jib 0.6 t



Width 1,730

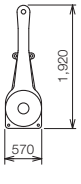
- Heavy load lifting device [Specifications with heavy load lifting device only]

- Heavy load lifting head 1.5 t



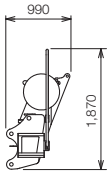
Width 1,330

- Sheave support 0.8 t



Width 1,120

- Back tension sheave 0.7 t

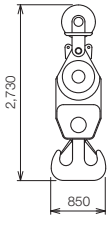


Width 1,550

- Assist jack 0.3 t × 2 pcs

Width 760

- 200t hook block + Attachment sheave 3.3 t



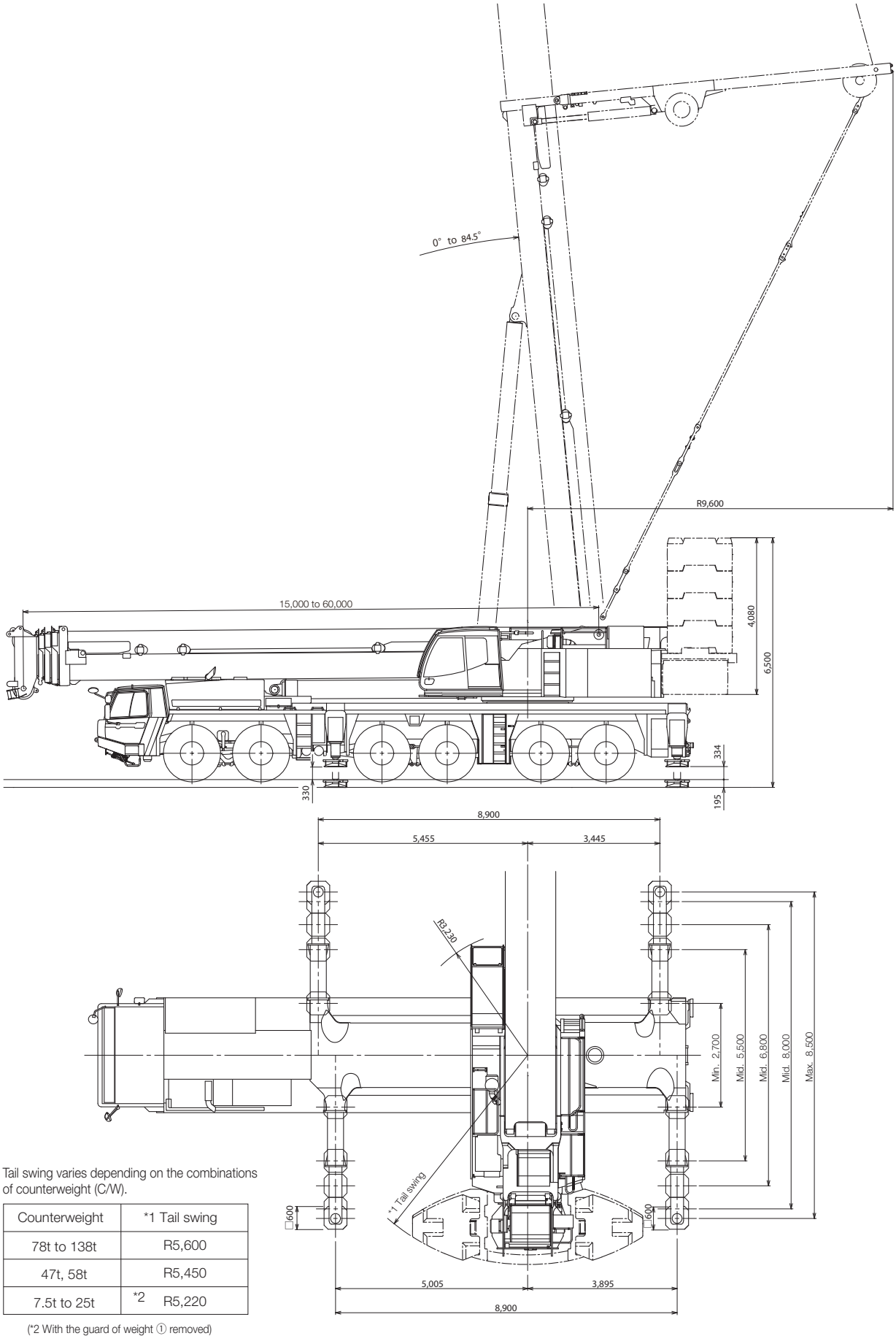
Width 1,220

There are other accessories included.

Installation

■ Outrigger extension width/tail swing

Unit (mm)



Tail swing varies depending on the combinations of counterweight (C/W).

Counterweight	*1 Tail swing
78t to 138t	R5,600
47t, 58t	R5,450
7.5t to 25t	*2 R5,220

(*2 With the guard of weight ① removed)

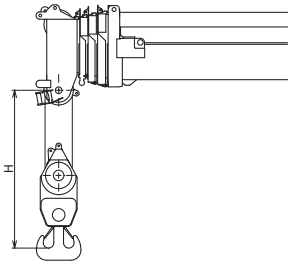
Installation

■ Hook block dimensions

Unit (mm)

H: Distance between the head sheave center and hook upper surface

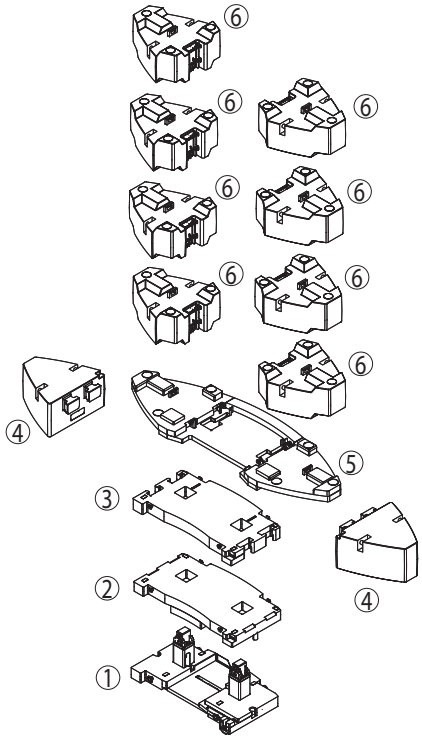
	200t hook block	80t hook block	35t hook block	12.2t hook block
Boom	3.2m	2.7m		
Single top				2.6m
FLJ, LFJ, HLJ, LJ		2.7m	2.6m	2.4m

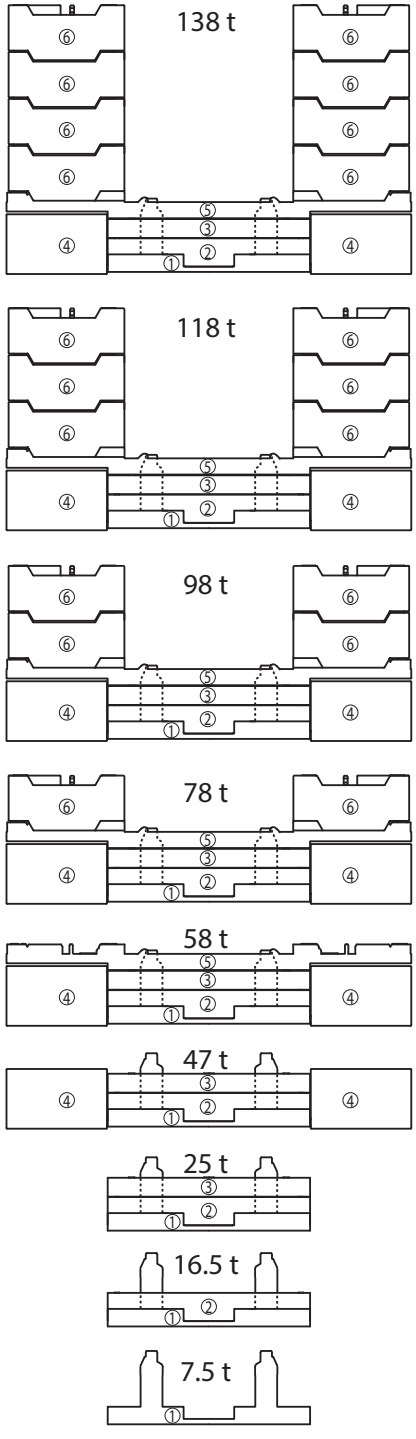


■ Combinations of counterweight (C/W)

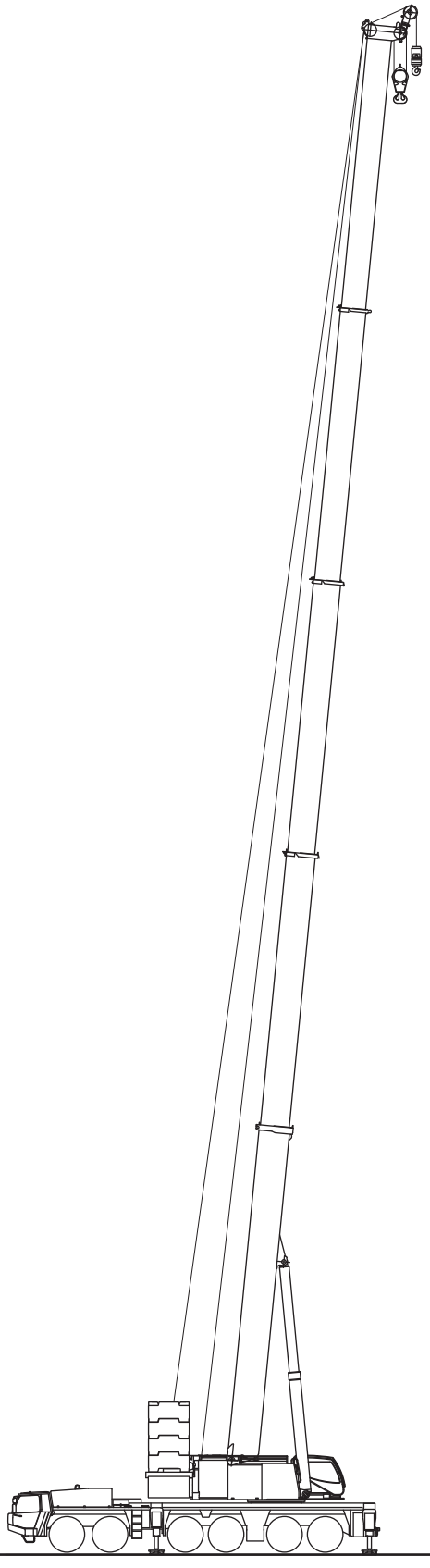
● Indicates the number of weights to be used

Total weight	Weight ① 7.5 t	Weight ② 9 t	Weight ③ 8.5 t	Weight ④ 11 t	Weight ⑤ 11 t	Weight ⑥ 10 t
138 t	1	1	1	2	1	8
118 t	1	1	1	2	1	6
98 t	1	1	1	2	1	4
78 t	1	1	1	2	1	2
58 t	1	1	1	2	1	
47 t	1	1	1	2		
25 t	1	1	1			
16.5 t	1	1				
7.5 t	1					
0 t						



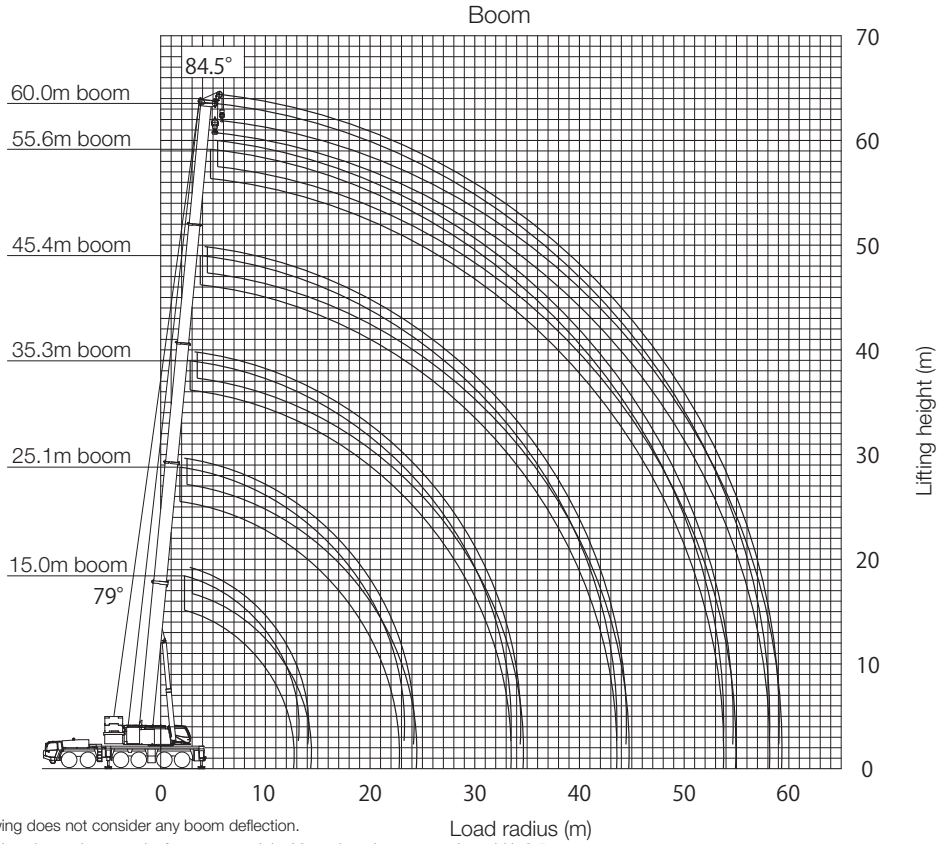


ALL TERRAIN CRANE
ATF400G-6
Boom



Boom

Working range chart for boom



(Note)

◆ The above drawing does not consider any boom deflection.

◆ The above drawing shows the capacity for counterweight 98t and outrigger extension width 8.5m.

Rated lifting capacity table for boom

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Counterweight / Outrigger extension width	138 t	118 t	98 t	78 t	58 t	47 t	25 t	16.5 t	7.5 t	0 t
8.5 m	○	○	○	○	○	○	○	○	○	○
8.0 m		○	○	○	○	○	○	○	○	○
6.8 m				○	○	○	○	○	○	○
5.5 m						○	○	○	○	○
2.7 m										○

- The rated lifting capacity varies depending on the boom extension state even with the same boom length.
- The capacity with counterweight 0t and outrigger extension width 2.7m can be set only for the boom length 15.0 to 30.2m.

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (200t hook block: 3,200kg, 80t hook block: 1,550kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom deflection.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	18	17	16	14	13	12	11	10	9	8	7	6	5	4	3	1
Maximum load	186.1t	177.5t	168.6t	150.4t	141.0t	131.4t	121.6t	111.7t	101.5t	91.1t	80.5t	69.7t	58.6t	47.4t	35.9t	12.2t

◆ When the single top is used, the number of parts of line is 1 (12.2t hook block used). The rated lifting capacity is the value obtained by subtracting the mass of the hook block attached to the boom from the boom rated lifting capacity, and the upper limit is 12.2t.

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "Maximum load without pin" indicates the upper limit of the rated lifting capacity when the B-pins (boom fixing pins) are not inserted.

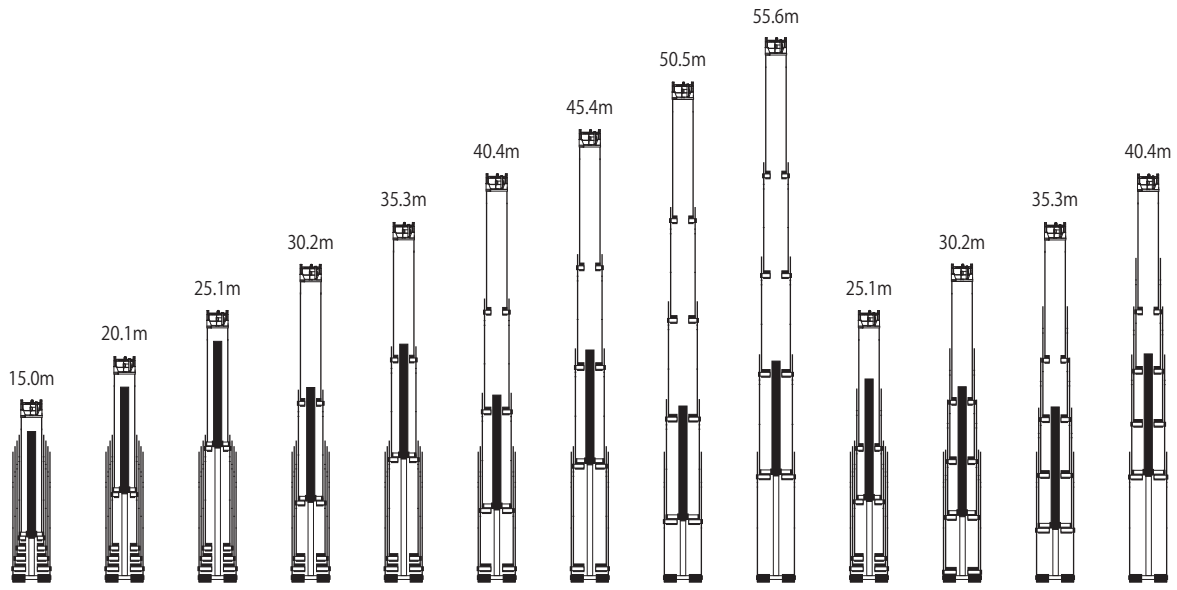
◆ "θ(°)" indicates the boom angle range in which no-load operation is enabled.

◆ "Standard number of parts of line with aux. winch" indicates the standard number of parts of line when the auxiliary winch is used.

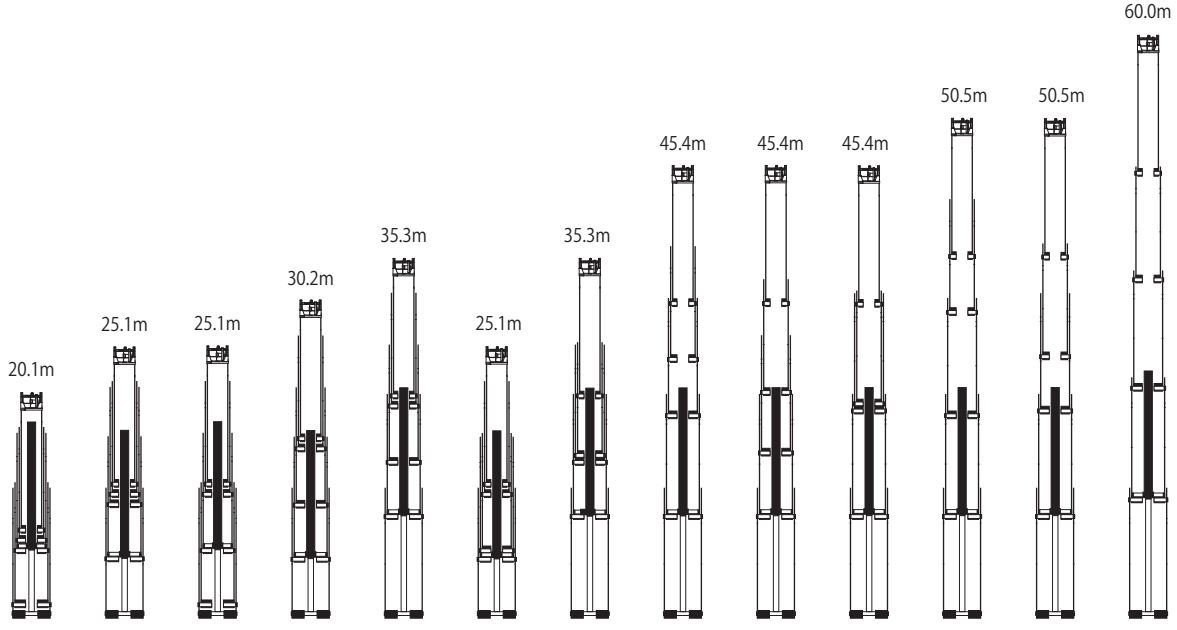
◆ "Standard number of parts of line with main winch" indicates the standard number of parts of line when the main winch is used. The number of parts of line may be fewer than that for the auxiliary winch due to the shorter length of wire rope.

◆ "Maximum load with main winch" indicates the upper limit of the rated lifting capacity when the main winch is used.

■ Capacity block diagram



Capacity block	1									2			
Capacity No.	1	2	3	4	5	6	7	8	9	10	11	12	13



Capacity block	3		4			5	6	7	8	9	10	11	12
Capacity No.	14	15	16	17	18	19	20	21	22	23	24	25	26

Boom

Counterweight 138t, outrigger extension width 8.5m

Boom

Unit: t

Capacity block	1	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	*15.0	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
2.7	400.0																										
3.0	360.0																										
3.5	307.0																										
4.0	264.6																										
4.5	230.0																										
6.0		164.5																									
7.0		147.7	147.4	90.5																							
8.0		133.7	133.3	83.8	132.6	123.2	109.3	80.9	58.9																		
9.0		121.0	120.7	78.1	120.0	114.5	100.9	74.5	54.3	109.9	81.4	51.1	82.1	82.3	86.4	45.7											
10.0		110.4	110.0	73.2	109.3	107.0	93.6	69.1	50.3	102.7	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0		101.3	100.9	68.8	100.1	100.5	87.4	64.5	46.9	96.4	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0		87.8	93.0	64.9	92.2	92.9	81.9	60.4	43.8	90.8	67.2	41.1	64.7	64.9	72.3	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0			80.1	58.4	79.2	80.0	72.9	53.7	38.5	80.1	60.2	36.3	56.4	56.7	65.3	32.1	54.5	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0			67.5	53.4	69.1	69.8	65.7	48.4	34.3	70.0	54.6	32.5	50.0	50.3	59.5	28.6	48.3	31.6	46.4	46.6	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0			42.5	44.0	61.0	61.7	59.9	44.1	31.0	61.8	50.0	29.4	44.7	45.0	54.8	25.8	43.3	28.7	41.6	41.8	38.5	30.6	37.5	37.7	32.5	33.9	28.9
20.0					53.1	53.8	54.7	40.6	28.3	55.0	46.2	26.9	40.4	40.7	50.8	23.5	39.1	26.2	37.4	37.8	35.6	27.8	34.4	34.7	29.9	31.4	26.5
22.0					41.1	41.7	42.6	37.9	26.2	49.3	43.0	24.8	36.7	37.1	47.4	21.5	35.5	24.1	33.7	34.1	33.1	25.5	31.8	32.0	27.5	29.0	24.8
24.0										44.2	40.3	23.0	33.4	33.9	44.4	19.8	32.3	22.4	30.5	30.9	31.0	23.5	29.5	29.8	25.4	27.0	23.3
26.0										36.6	38.1	21.6	30.5	31.0	41.4	18.4	29.5	20.8	27.8	28.2	28.7	21.7	27.0	27.4	23.6	25.1	22.1
28.0										24.0	25.7	20.4	28.0	28.5	37.9	17.2	27.1	19.5	25.5	25.9	26.3	20.0	24.8	25.1	22.0	23.5	21.1
30.0													25.9	26.4	32.7	16.1	25.0	18.3	23.4	23.8	24.3	18.4	22.8	23.1	20.6	22.1	20.2
32.0													23.9	24.3	25.7	15.3	23.1	17.3	21.7	22.0	22.5	17.1	21.0	21.3	19.4	20.8	18.9
34.0																	21.5	16.4	20.1	20.4	20.9	15.9	19.4	19.8	18.3	19.3	17.8
36.0																	20.1	15.6	18.6	19.0	19.5	14.9	18.1	18.4	17.1	17.9	16.7
38.0																	15.5	15.0	17.4	17.8	18.2	14.0	16.8	17.1	16.1	16.7	15.5
40.0																			16.3	16.6	17.1	13.1	15.7	16.0	15.2	15.6	14.5
42.0																			15.3	15.7	16.1	12.4	14.7	15.0	14.3	14.6	13.6
44.0																							13.8	14.1	13.5	13.7	12.7
46.0																							12.9	13.3	12.9	12.8	11.9
48.0																							11.0	11.2	12.1	12.1	11.2
50.0																										11.4	10.6
52.0																										10.8	10.0
54.0																											9.4
56.0																											8.9
58.0																											5.8
Maximum load without pin	–	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	51.1	49.0		59.0	44.0	48.0	45.3	49.0			47.2	48.0		48.7	45.0	34.5
θ (°)	0 to 79	0 to 65	0 to 70		0 to 73					0 to 74			0 to 77				0 to 78		0 to 80				0 to 81			3 to 82	3 to 83
Extension state (Extension ratio %)																											
Telescopic section 1	0	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t ×2	200t	200t		200t				80t	200t		80t	200t			80t	80t		80t				80t			80t	80t
Hook block weight	3300kg ×2	3200kg	3200kg		3200kg				1550kg	3200kg		1550kg	3200kg			1550kg	1550kg		1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	23	16	14	8	13	12	10	8	6	10	8	5	8			4	7	4	6		5	4	5			4	3
Standard number of parts of line with main winch	23	16	13	8	11		10	8	6	9	8	5	8			4	6	4	6		5	4	5			4	3
Maximum load with main winch	–	164.5	141.0	90.5	121.6		109.3	80.9	58.9	101.5	81.4	51.1	82.1	82.3	86.4	45.7	69.7	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5

The * mark indicates the value with heavy load lifting device and is limited to over-rear operations.

Counterweight 118t, outrigger extension width 8.5m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8																							
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	200.0	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	195.5	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	183.2	170.0	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	162.6	162.4	98.5	161.9	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	145.0	144.6	90.5	144.0	133.4	119.3	88.3	64.4	127.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	130.0	129.6	83.8	128.9	123.2	109.3	80.9	58.9	118.2	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	117.5	117.1	78.1	116.4	114.5	100.9	74.5	54.3	109.9	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	107.0	106.6	73.2	105.9	106.6	93.6	69.1	50.3	102.7	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	98.1	97.6	68.8	96.9	97.6	87.4	64.5	46.9	96.4	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	87.8	89.9	64.9	89.1	89.8	81.9	60.4	43.8	90.0	67.2	41.1	64.7	64.9	72.3	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		77.2	58.4	76.3	77.1	72.9	53.7	38.5	77.3	60.2	36.3	56.4	56.7	65.3	32.1	54.5	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		66.9	53.4	65.9	66.7	65.7	48.4	34.3	66.9	54.6	32.5	50.0	50.3	59.5	28.6	48.3	31.6	46.4	46.6	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		42.5	44.0	57.7	58.5	59.4	44.1	31.0	58.6	50.0	29.4	44.7	45.0	54.8	25.8	43.3	28.7	41.6	41.8	38.5	30.6	37.5	37.7	32.5	33.9	28.9
20.0				51.1	51.9	52.7	40.6	28.3	51.9	46.2	26.9	40.4	40.7	50.8	23.5	39.1	26.2	37.4	37.8	35.6	27.8	34.4	34.7	29.9	31.4	26.5
22.0				41.1	41.7	42.6	37.9	26.2	45.9	43.0	24.8	36.7	37.1	47.0	21.5	35.5	24.1	33.7	34.1	33.1	25.5	31.8	32.0	27.5	29.0	24.8
24.0									40.5	40.3	23.0	33.4	33.9	41.5	19.8	32.3	22.4	30.5	30.9	31.0	23.5	29.5	29.8	25.4	27.0	23.3
26.0									36.2	38.1	21.6	30.5	31.0	37.1	18.4	29.5	20.8	27.8	28.2	28.7	21.7	27.0	27.4	23.6	25.1	22.1
28.0									24.0	25.7	20.4	28.0	28.5	33.4	17.2	27.1	19.5	25.5	25.9	26.3	20.0	24.8	25.1	22.0	23.5	21.1
30.0												25.9	26.4	30.3	16.1	25.0	18.3	23.4	23.8	24.3	18.4	22.8	23.1	20.6	22.1	20.2
32.0												23.9	24.3	25.7	15.3	23.1	17.3	21.7	22.0	22.5	17.1	21.0	21.3	19.4	20.8	18.9
34.0																21.5	16.4	20.1	20.4	20.9	15.9	19.4	19.8	18.3	19.3	17.8
36.0																20.1	15.6	18.6	19.0	19.5	14.9	18.1	18.4	17.1	17.9	16.7
38.0																15.5	15.0	17.4	17.8	18.2	14.0	16.8	17.1	16.1	16.7	15.5
40.0																		16.3	16.6	17.1	13.1	15.7	16.0	15.2	15.6	14.5
42.0																		15.3	15.7	16.1	12.4	14.7	15.0	14.3	14.6	13.6
44.0																						13.8	14.1	13.5	13.7	12.7
46.0																						12.9	13.3	12.9	12.8	11.9
48.0																						11.0	11.2	12.1	12.1	11.2
50.0																									11.4	10.6
52.0																									10.8	10.0
54.0																										9.4
56.0																										8.9
58.0																										5.8
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 81		0 to 82					0 to 83			0 to 84				0 to 84		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13		12	9	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				9	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				95.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 118t, outrigger extension width 8.0m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.5	200.0																									
4.0	200.0	170.0	119.9																							
4.5	195.5	170.0	113.7	162.0	139.0	139.0	115.0	83.8																		
5.0	183.2	170.0	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4															
6.0	161.4	161.0	98.5	160.4	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	143.1	142.7	90.5	142.1	133.4	119.3	88.3	64.4	127.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	128.2	127.8	83.8	127.1	123.2	109.3	80.9	58.9	118.2	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	115.7	115.3	78.1	114.6	114.5	100.9	74.5	54.3	109.9	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	105.3	104.9	73.2	104.1	104.8	93.6	69.1	50.3	102.7	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	96.4	96.0	68.8	95.2	95.9	87.4	64.5	46.9	96.1	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	87.8	88.3	64.9	87.5	88.2	81.9	60.4	43.8	88.4	67.2	41.1	64.7	64.9	72.3	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		75.8	58.4	74.9	75.7	72.9	53.7	38.5	75.8	60.2	36.3	56.4	56.7	65.3	32.1	54.5	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		65.6	53.4	64.7	65.5	65.7	48.4	34.3	65.6	54.6	32.5	50.0	50.3	59.5	28.6	48.3	31.6	46.4	46.6	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		42.5	44.0	56.6	57.4	58.3	44.1	31.0	57.5	50.0	29.4	44.7	45.0	54.8	25.8	43.3	28.7	41.6	41.8	38.5	30.6	37.5	37.7	32.5	33.9	28.9
20.0				50.1	50.8	51.8	40.6	28.3	50.9	46.2	26.9	40.4	40.7	50.8	23.5	39.1	26.2	37.4	37.8	35.6	27.8	34.4	34.7	29.9	31.4	26.5
22.0				41.1	41.7	42.6	37.9	26.2	45.3	43.0	24.8	36.7	37.1	46.3	21.5	35.5	24.1	33.7	34.1	33.1	25.5	31.8	32.0	27.5	29.0	24.8
24.0									39.8	40.3	23.0	33.4	33.9	40.8	19.8	32.3	22.4	30.5	30.9	31.0	23.5	29.5	29.8	25.4	27.0	23.3
26.0									35.5	37.4	21.6	30.5	31.0	36.4	18.4	29.5	20.8	27.8	28.2	28.7	21.7	27.0	27.4	23.6	25.1	22.1
28.0									24.0	25.7	20.4	28.0	28.5	32.7	17.2	27.1	19.5	25.5	25.9	26.3	20.0	24.8	25.1	22.0	23.5	21.1
30.0												25.9	26.4	29.6	16.1	25.0	18.3	23.4	23.8	24.3	18.4	22.8	23.1	20.6	22.1	20.2
32.0												23.9	24.3	25.7	15.3	23.1	17.3	21.7	22.0	22.5	17.1	21.0	21.3	19.4	20.8	18.9
34.0																21.5	16.4	20.1	20.4	20.9	15.9	19.4	19.8	18.3	19.3	17.8
36.0																20.1	15.6	18.6	19.0	19.5	14.9	18.1	18.4	17.1	17.9	16.7
38.0																15.5	15.0	17.4	17.8	18.2	14.0	16.8	17.1	16.1	16.7	15.5
40.0																		16.3	16.6	17.1	13.1	15.7	16.0	15.2	15.6	14.5
42.0																		15.3	15.7	16.1	12.4	14.7	15.0	14.3	14.6	13.6
44.0																						13.8	14.1	13.5	13.7	12.7
46.0																						12.9	13.3	12.9	12.8	11.9
48.0																						11.0	11.2	12.1	12.1	11.2
50.0																									11.4	10.6
52.0																									10.8	10.0
54.0																										9.4
56.0																										8.9
58.0																										5.8
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 76	0 to 79		0 to 80					0 to 81			0 to 83				0 to 83		0 to 84				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t		80t	200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg		1550kg	3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	11	16	13		11	8	13	11	7	10			6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13	11	11				8	9		7	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	119.9	121.6			115.0	83.8	101.5		75.4	91.1			60.7	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 98t, outrigger extension width 8.5m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	200.0	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	193.3	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	181.2	170.0	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	158.9	158.5	98.5	157.9	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	140.8	140.4	90.5	139.7	133.4	119.3	88.3	64.4	127.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	125.9	125.6	83.8	124.9	123.2	109.3	80.9	58.9	118.2	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	113.7	113.3	78.1	112.6	113.2	100.9	74.5	54.3	109.9	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	103.3	102.9	73.2	102.2	102.9	93.6	69.1	50.3	102.7	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	94.3	93.8	68.8	93.0	93.8	87.4	64.5	46.9	94.0	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	86.3	85.8	64.9	85.0	85.7	81.9	60.4	43.8	85.9	67.2	41.1	64.7	64.9	72.3	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		72.9	58.4	72.0	72.8	72.9	53.7	38.5	73.0	60.2	36.3	56.4	56.7	65.3	32.1	54.5	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		62.4	53.4	61.4	62.2	63.2	48.4	34.3	62.4	54.6	32.5	50.0	50.3	59.5	28.6	48.3	31.6	46.4	46.6	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		42.5	44.0	51.5	52.3	53.3	44.1	31.0	52.4	50.0	29.4	44.7	45.0	53.6	25.8	43.3	28.7	41.6	41.8	38.5	30.6	37.5	37.7	32.5	33.9	28.9
20.0				44.0	44.8	45.8	40.6	28.3	44.9	46.2	26.9	40.4	40.7	46.0	23.5	39.1	26.2	37.4	37.8	35.6	27.8	34.4	34.7	29.9	31.4	26.5
22.0				38.2	39.0	40.0	37.9	26.2	39.0	40.9	24.8	36.7	37.1	40.0	21.5	35.5	24.1	33.7	34.1	33.1	25.5	31.8	32.0	27.5	29.0	24.8
24.0									34.3	36.2	23.0	33.3	33.8	35.3	19.8	32.3	22.4	30.5	30.9	31.0	23.5	29.5	29.8	25.4	27.0	23.3
26.0									30.5	32.4	21.6	29.5	29.9	31.4	18.4	29.5	20.8	27.8	28.2	28.7	21.7	27.0	27.4	23.6	25.1	22.1
28.0									24.0	25.7	20.4	26.3	26.7	28.1	17.2	27.1	19.5	25.5	25.9	26.3	20.0	24.8	25.1	22.0	23.5	21.1
30.0												23.6	24.0	25.4	16.1	24.6	18.3	23.4	23.8	24.3	18.4	22.8	23.1	20.6	22.1	20.2
32.0												21.3	21.7	23.2	15.3	22.3	17.3	21.7	22.0	22.5	17.1	21.0	21.3	19.4	20.8	18.9
34.0																20.2	16.4	20.1	20.4	20.9	15.9	19.4	19.8	18.3	19.3	17.8
36.0																18.5	15.6	18.5	18.8	19.2	14.9	18.1	18.4	17.1	17.9	16.7
38.0																15.5	15.0	16.9	17.2	17.6	14.0	16.8	17.1	16.1	16.7	15.5
40.0																		15.5	15.8	16.2	13.1	15.7	16.0	15.2	15.6	14.5
42.0																		14.3	14.6	15.0	12.4	14.6	14.9	14.3	14.6	13.6
44.0																						13.5	13.7	13.5	13.7	12.7
46.0																						12.5	12.7	12.9	12.8	11.9
48.0																						11.0	11.2	12.1	12.1	11.2
50.0																									11.2	10.6
52.0																									10.5	10.0
54.0																										9.4
56.0																										8.9
58.0																										5.8
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Boom

Counterweight 98t, outrigger extension width 8.0m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	200.0	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	192.9	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	179.3	170.0	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	156.7	156.3	98.5	155.7	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	138.7	138.3	90.5	137.5	133.4	119.3	88.3	64.4	127.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	123.8	123.5	83.8	122.8	123.2	109.3	80.9	58.9	118.2	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	111.6	111.3	78.1	110.5	111.2	100.9	74.5	54.3	109.9	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	101.4	101.0	73.2	100.3	101.0	93.6	69.1	50.3	101.2	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	92.5	92.1	68.8	91.3	92.0	87.4	64.5	46.9	92.2	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	84.7	84.2	64.9	83.3	84.1	81.9	60.4	43.8	84.3	67.2	41.1	64.7	64.9	72.3	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		71.4	58.4	70.5	71.3	72.2	53.7	38.5	71.5	60.2	36.3	56.4	56.7	65.3	32.1	54.5	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		61.5	53.4	60.5	61.3	62.4	48.4	34.3	61.5	54.6	32.5	50.0	50.3	59.5	28.6	48.3	31.6	46.4	46.6	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		42.5	44.0	50.4	51.2	52.3	44.1	31.0	51.4	50.0	29.4	44.7	45.0	52.5	25.8	43.3	28.7	41.6	41.8	38.5	30.6	37.5	37.7	32.5	33.9	28.9
20.0				42.9	43.7	44.7	40.6	28.3	43.8	45.8	26.9	40.4	40.7	44.9	23.5	39.1	26.2	37.4	37.8	35.6	27.8	34.4	34.7	29.9	31.4	26.5
22.0				37.1	37.9	38.9	37.9	26.2	37.9	39.9	24.8	36.7	37.1	38.9	21.5	35.5	24.1	33.7	34.1	33.1	25.5	31.8	32.0	27.5	29.0	24.8
24.0									33.2	35.2	23.0	32.3	32.7	34.2	19.8	32.3	22.4	30.5	30.9	31.0	23.5	29.5	29.8	25.4	27.0	23.3
26.0									29.4	31.4	21.6	28.4	28.9	30.4	18.4	29.5	20.8	27.8	28.2	28.7	21.7	27.0	27.4	23.6	25.1	22.1
28.0									24.0	25.7	20.4	25.3	25.7	27.2	17.2	26.4	19.5	25.5	25.9	26.3	20.0	24.8	25.1	22.0	23.5	21.1
30.0												22.6	23.1	24.5	16.1	23.7	18.3	23.4	23.8	24.3	18.4	22.8	23.1	20.6	22.1	20.2
32.0												20.4	20.8	22.3	15.3	21.4	17.3	21.4	21.7	22.1	17.1	21.0	21.3	19.4	20.8	18.9
34.0																19.4	16.4	19.4	19.7	20.1	15.9	19.4	19.8	18.3	19.3	17.8
36.0																17.7	15.6	17.6	17.9	18.3	14.9	18.0	18.3	17.1	17.9	16.7
38.0																15.5	15.0	16.1	16.4	16.8	14.0	16.5	16.7	16.1	16.7	15.5
40.0																		14.7	15.1	15.4	13.1	15.1	15.4	15.2	15.6	14.5
42.0																		13.6	13.9	14.3	12.4	13.9	14.1	14.3	14.4	13.6
44.0																						12.8	13.0	13.5	13.3	12.7
46.0																						11.8	12.1	12.9	12.3	11.9
48.0																						10.9	11.2	12.1	11.4	11.2
50.0																									10.6	10.6
52.0																									9.9	9.8
54.0																										9.1
56.0																										8.4
58.0																										5.8
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 78t, outrigger extension width 8.5m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	200.0	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	190.0	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	176.6	170.0	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	154.1	153.7	98.5	153.1	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	136.2	135.8	90.5	135.1	133.4	119.3	88.3	64.4	127.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	121.6	121.2	83.8	120.5	121.2	109.3	80.9	58.9	118.2	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	108.8	108.4	78.1	107.6	108.4	100.9	74.5	54.3	108.6	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	98.0	97.6	73.2	96.8	97.6	93.6	69.1	50.3	97.8	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	89.0	88.5	68.8	87.7	88.4	87.4	64.5	46.9	88.7	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	81.3	80.8	64.9	79.9	80.7	81.6	60.4	43.8	80.9	67.2	41.1	64.7	64.9	72.3	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		64.3	58.4	63.3	64.1	65.2	53.7	38.5	64.4	60.2	36.3	56.4	56.7	65.3	32.1	54.5	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		52.4	53.4	51.3	52.2	53.2	48.4	34.3	52.3	54.5	32.5	50.0	50.3	53.6	28.6	48.3	31.6	46.4	46.6	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		42.5	44.0	42.8	43.6	44.6	44.1	31.0	43.7	45.7	29.4	42.8	43.3	44.9	25.8	43.3	28.7	41.6	41.8	38.5	30.6	37.5	37.7	32.5	33.9	28.9
20.0				36.4	37.2	38.1	39.5	28.3	37.2	39.2	26.9	36.3	36.8	38.3	23.5	37.7	26.2	37.4	37.8	35.6	27.8	34.4	34.7	29.9	31.4	26.5
22.0				31.4	32.2	33.2	34.6	26.2	32.1	34.1	24.8	31.2	31.7	33.2	21.5	32.5	24.1	32.6	33.0	33.1	25.5	31.8	32.0	27.5	29.0	24.8
24.0									28.1	30.0	23.0	27.2	27.6	29.1	19.8	28.4	22.4	28.5	28.8	29.2	23.5	29.0	29.3	25.4	27.0	23.3
26.0									24.9	26.8	21.6	23.9	24.3	25.8	18.4	25.1	20.8	25.1	25.4	25.9	21.7	25.6	25.9	23.6	25.1	22.1
28.0									22.2	24.1	20.4	21.1	21.6	23.0	17.2	22.2	19.5	22.3	22.6	23.0	20.0	22.8	23.0	22.0	23.4	21.1
30.0												18.8	19.2	20.7	16.1	19.9	18.3	19.9	20.2	20.6	18.4	20.4	20.6	20.6	21.0	20.2
32.0												16.9	17.3	18.8	15.3	17.9	17.3	17.9	18.2	18.6	17.1	18.3	18.6	19.4	18.9	18.9
34.0																16.1	16.4	16.1	16.4	16.8	15.9	16.5	16.8	17.8	17.2	17.3
36.0																14.6	15.6	14.6	14.9	15.3	14.9	15.0	15.3	16.2	15.6	15.7
38.0																13.3	15.0	13.2	13.5	13.9	14.0	13.6	13.9	14.8	14.2	14.3
40.0																		12.0	12.3	12.7	13.1	12.4	12.6	13.6	13.0	13.0
42.0																		11.0	11.3	11.7	12.4	11.3	11.6	12.5	11.8	11.9
44.0																						10.3	10.6	11.5	10.9	10.9
46.0																						9.4	9.7	10.7	10.0	10.0
48.0																						8.5	8.9	9.9	9.1	9.2
50.0																									8.3	8.3
52.0																									7.6	7.6
54.0																										6.9
56.0																										6.3
58.0																										5.7
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 78t, outrigger extension width 8.0m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	200.0	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	187.5	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	174.1	170.0	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	151.6	151.2	98.5	150.6	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	133.8	133.4	90.5	132.7	133.4	119.3	88.3	64.4	127.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	119.3	118.9	83.8	118.2	118.9	109.3	80.9	58.9	118.2	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	106.7	106.3	78.1	105.5	106.3	100.9	74.5	54.3	106.5	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	96.1	95.6	73.2	94.8	95.6	93.6	69.1	50.3	95.8	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	87.1	86.7	68.8	85.8	86.6	87.4	64.5	46.9	86.8	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	79.5	79.0	64.9	78.2	79.0	79.9	60.4	43.8	79.2	67.2	41.1	64.7	64.9	72.3	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		62.6	58.4	61.6	62.5	63.6	53.7	38.5	62.7	60.2	36.3	56.4	56.7	64.1	32.1	54.5	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		50.7	52.6	49.6	50.5	51.5	48.4	34.3	50.7	52.8	32.5	49.7	50.2	51.9	28.6	48.3	31.6	46.4	46.6	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		42.3	44.0	41.1	41.9	43.0	44.1	31.0	42.1	44.1	29.4	41.1	41.6	43.2	25.8	42.6	28.7	41.6	41.8	38.5	30.6	37.5	37.7	32.5	33.9	28.9
20.0				34.8	35.6	36.6	38.0	28.3	35.6	37.7	26.9	34.7	35.2	36.7	23.5	36.1	26.2	36.2	36.5	35.6	27.8	34.4	34.7	29.9	31.4	26.5
22.0				29.9	30.7	31.7	33.1	26.2	30.6	32.6	24.8	29.7	30.2	31.7	21.5	31.0	24.1	31.1	31.5	31.9	25.5	31.6	31.9	27.5	29.0	24.8
24.0									26.7	28.7	23.0	25.7	26.2	27.7	19.8	27.0	22.4	27.1	27.4	27.8	23.5	27.6	27.9	25.4	27.0	23.3
26.0									23.5	25.4	21.6	22.5	23.0	24.4	18.4	23.7	20.8	23.8	24.1	24.5	21.7	24.3	24.6	23.6	24.9	22.1
28.0									21.0	22.9	20.4	19.8	20.3	21.7	17.2	21.0	19.5	21.0	21.4	21.8	20.0	21.5	21.8	22.0	22.2	21.1
30.0												17.6	18.0	19.5	16.1	18.7	18.3	18.7	19.1	19.5	18.4	19.2	19.5	20.5	19.8	19.9
32.0												15.8	16.2	17.6	15.3	16.7	17.3	16.7	17.1	17.5	17.1	17.2	17.5	18.5	17.8	17.9
34.0																15.0	16.4	15.0	15.4	15.8	15.9	15.4	15.7	16.7	16.1	16.2
36.0																13.6	15.6	13.6	13.9	14.3	14.9	13.9	14.2	15.2	14.6	14.7
38.0																12.4	15.0	12.3	12.6	13.0	14.0	12.6	12.9	13.9	13.2	13.3
40.0																		11.1	11.4	11.8	13.1	11.5	11.7	12.7	12.1	12.1
42.0																		10.1	10.4	10.8	12.2	10.4	10.7	11.7	11.0	11.1
44.0																						9.4	9.8	10.7	10.1	10.1
46.0																						8.5	8.9	9.9	9.2	9.2
48.0																						7.7	8.1	9.2	8.3	8.4
50.0																									7.5	7.6
52.0																									6.9	6.8
54.0																										6.2
56.0																										5.6
58.0																										5.1
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 78t, outrigger extension width 6.8m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0																									
3.5	200.0	170.0	127.0																							
4.0	195.7	170.0	119.9	162.0	139.0	139.0	122.5	89.2																		
4.5	180.3	170.0	113.7	162.0	139.0	139.0	115.0	83.8																		
5.0	166.9	166.5	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	144.7	144.3	98.5	143.6	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	127.2	126.8	90.5	126.1	126.8	119.3	88.3	64.4	127.0	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	113.0	112.6	83.8	111.9	112.6	109.3	80.9	58.9	112.8	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	100.9	100.5	78.1	99.7	100.4	100.9	74.5	54.3	100.7	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	90.6	90.2	73.2	89.1	90.1	91.1	69.1	50.3	90.4	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	77.6	77.0	68.8	76.0	76.9	78.1	64.5	46.9	77.2	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	67.5	66.9	64.9	65.9	66.8	68.0	60.4	43.8	67.1	67.2	41.1	64.7	64.9	68.4	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		52.5	54.4	51.5	52.4	53.4	53.7	38.5	52.6	54.7	36.3	51.7	52.1	53.8	32.1	53.2	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		42.7	44.6	41.7	42.5	43.5	45.0	34.3	42.7	44.8	32.5	41.8	42.3	43.9	28.6	43.2	31.6	43.4	43.7	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		35.8	37.6	34.6	35.4	36.4	37.8	31.0	35.5	37.5	29.4	34.6	35.1	36.7	25.8	36.0	28.7	36.1	36.5	36.9	30.6	36.7	37.0	32.5	33.9	28.9
20.0				29.3	30.1	31.0	32.4	28.3	30.1	32.1	26.9	29.2	29.7	31.2	23.5	30.6	26.2	30.7	31.0	31.4	27.8	31.2	31.5	29.9	31.4	26.5
22.0				25.2	26.0	26.9	28.3	26.2	25.9	27.8	24.8	25.0	25.4	26.9	21.5	26.3	24.1	26.4	26.7	27.1	25.5	26.8	27.1	27.5	27.5	24.8
24.0									22.5	24.4	23.0	21.6	22.0	23.5	19.8	22.8	22.4	22.9	23.2	23.6	23.5	23.4	23.7	24.7	24.1	23.3
26.0									19.8	21.7	21.6	18.8	19.2	20.7	18.4	20.0	20.8	20.1	20.4	20.8	21.7	20.5	20.8	21.8	21.2	21.3
28.0									17.6	19.5	20.4	16.5	16.9	18.4	17.2	17.6	19.5	17.7	18.0	18.4	19.8	18.1	18.4	19.4	18.8	18.9
30.0												14.6	15.0	16.4	16.1	15.6	18.2	15.7	16.0	16.4	17.8	16.1	16.4	17.4	16.7	16.9
32.0												13.0	13.4	14.8	15.3	13.9	16.5	14.0	14.3	14.7	16.0	14.4	14.6	15.6	15.0	15.1
34.0																12.5	15.0	12.5	12.8	13.2	14.5	12.9	13.1	14.1	13.5	13.6
36.0																11.2	13.7	11.2	11.5	11.9	13.2	11.5	11.8	12.8	12.2	12.3
38.0																10.1	12.7	9.9	10.3	10.7	12.1	10.4	10.7	11.6	11.0	11.1
40.0																		8.8	9.2	9.7	11.1	9.3	9.6	10.6	9.9	10.0
42.0																		7.8	8.2	8.7	10.2	8.2	8.6	9.7	9.0	9.0
44.0																						7.3	7.7	8.9	8.0	8.1
46.0																						6.5	6.9	8.1	7.2	7.2
48.0																						5.8	6.2	7.4	6.4	6.5
50.0																									5.7	5.8
52.0																									5.1	5.1
54.0																										4.5
56.0																										4.0
58.0																										3.6
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 77	0 to 79		0 to 81					0 to 82			0 to 83				0 to 84		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t		80t	200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg		1550kg	3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	12	16	13		12	8	13	11	7	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13	12	11				8	9		7	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	127.0	121.6				89.2	101.5		75.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Boom

Counterweight 58t, outrigger extension width 8.5m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	199.6	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	184.4	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	171.1	170.0	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	148.8	148.4	98.5	147.8	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	130.5	130.0	90.5	129.3	130.0	119.3	88.3	64.4	127.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	114.9	114.5	83.8	113.7	114.5	109.3	80.9	58.9	114.7	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	102.3	101.9	78.1	101.1	101.8	100.9	74.5	54.3	102.1	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	91.0	90.5	73.2	89.5	90.4	91.6	69.1	50.3	90.7	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	77.9	77.3	68.8	76.2	77.2	78.4	64.5	46.9	77.5	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	67.4	66.8	64.9	65.8	66.7	67.9	60.4	43.8	67.0	67.2	41.1	64.7	64.9	68.4	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		52.0	54.0	51.0	51.9	53.0	53.7	38.5	52.1	54.3	36.3	51.2	51.7	53.4	32.1	52.8	35.2	51.4	52.5	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		42.1	44.0	41.1	41.9	43.0	44.5	34.3	42.1	44.2	32.5	41.2	41.7	43.3	28.6	42.7	31.6	42.8	43.2	41.9	33.7	41.1	41.3	35.5	36.9	31.3
18.0		35.2	37.0	34.0	34.8	35.8	37.2	31.0	34.9	36.9	29.4	34.0	34.5	36.1	25.8	35.4	28.7	35.5	35.9	36.3	30.6	36.0	36.4	32.5	33.9	28.9
20.0				28.6	29.4	30.4	31.8	28.3	29.4	31.5	26.9	28.5	29.0	30.6	23.5	29.9	26.2	30.0	30.4	30.8	27.8	30.5	30.8	29.9	31.3	26.5
22.0				24.3	25.2	26.1	27.6	26.2	25.1	27.1	24.8	24.2	24.6	26.2	21.5	25.5	24.1	25.6	25.9	26.4	25.5	26.1	26.4	27.5	26.8	24.8
24.0									21.7	23.6	23.0	20.7	21.1	22.7	19.8	22.0	22.4	22.0	22.4	22.8	23.5	22.5	22.8	23.9	23.3	23.3
26.0									18.9	20.9	21.6	17.9	18.3	19.8	18.4	19.1	20.8	19.2	19.5	19.9	21.4	19.6	20.0	21.0	20.3	20.5
28.0									16.7	18.7	19.8	15.6	16.0	17.5	17.2	16.7	19.4	16.8	17.1	17.5	19.0	17.2	17.5	18.6	17.9	18.1
30.0												13.7	14.1	15.6	16.1	14.7	17.4	14.8	15.1	15.5	16.9	15.2	15.5	16.5	15.9	16.0
32.0												12.1	12.5	14.0	15.3	13.0	15.7	13.1	13.4	13.8	15.2	13.5	13.8	14.8	14.2	14.3
34.0																11.6	14.2	11.6	11.9	12.3	13.7	12.0	12.3	13.3	12.6	12.8
36.0																10.4	13.0	10.3	10.6	11.0	12.4	10.7	11.0	12.0	11.3	11.4
38.0																9.2	11.9	9.1	9.5	9.9	11.3	9.6	9.9	10.8	10.2	10.3
40.0																		8.0	8.4	8.9	10.3	8.4	8.8	9.8	9.2	9.3
42.0																		7.0	7.4	7.9	9.5	7.4	7.8	8.9	8.2	8.2
44.0																						6.5	6.9	8.1	7.2	7.3
46.0																						5.7	6.1	7.3	6.4	6.5
48.0																						5.1	5.4	6.6	5.7	5.7
50.0																									5.0	5.0
52.0																									4.4	4.4
54.0																										3.9
56.0																										3.3
58.0																										2.9
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 58t, outrigger extension width 8.0m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	196.8	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	181.6	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	168.2	167.8	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	146.0	145.6	98.5	145.0	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	127.9	127.4	90.5	126.7	127.4	119.3	88.3	64.4	127.7	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	112.5	112.1	83.8	111.3	112.0	109.3	80.9	58.9	112.3	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	100.0	99.6	78.1	98.8	99.6	100.5	74.5	54.3	99.8	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	89.6	88.9	73.2	87.8	88.9	90.2	69.1	50.3	89.2	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	75.4	74.8	68.8	73.7	74.8	76.0	64.5	46.9	75.1	71.3	44.0	69.6	69.9	76.4	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	64.9	64.3	64.9	63.2	64.2	65.4	60.4	43.8	64.4	66.9	41.1	63.4	64.0	65.9	36.5	62.3	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		49.5	51.5	48.5	49.4	50.5	52.1	38.5	49.6	51.9	36.3	48.6	49.1	50.9	32.1	50.2	35.2	50.4	50.8	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		39.7	41.7	38.7	39.5	40.6	42.1	34.3	39.7	41.9	32.5	38.8	39.3	40.9	28.6	40.3	31.6	40.4	40.8	41.3	33.7	41.0	41.3	35.5	36.9	31.3
18.0		32.9	34.8	31.7	32.5	33.6	35.1	31.0	32.7	34.8	29.4	31.7	32.2	33.8	25.8	33.2	28.7	33.3	33.7	34.1	30.6	33.8	34.2	32.5	33.9	28.9
20.0				26.5	27.4	28.3	29.8	28.3	27.4	29.4	26.9	26.5	27.0	28.5	23.5	27.9	26.2	28.0	28.3	28.8	27.8	28.5	28.8	29.9	29.2	26.5
22.0				22.6	23.4	24.4	25.8	26.0	23.3	25.3	24.8	22.4	22.9	24.4	21.5	23.7	24.1	23.8	24.2	24.6	25.5	24.3	24.6	25.7	25.0	24.8
24.0									20.1	22.1	23.0	19.2	19.6	21.1	19.8	20.4	22.4	20.5	20.9	21.3	22.7	21.0	21.3	22.3	21.7	21.8
26.0									17.5	19.5	20.6	16.5	17.0	18.5	18.4	17.7	20.5	17.8	18.1	18.6	20.0	18.3	18.6	19.6	19.0	19.1
28.0									15.5	17.4	18.5	14.4	14.8	16.3	17.2	15.5	18.2	15.6	15.9	16.3	17.7	16.0	16.3	17.3	16.7	16.8
30.0												12.6	13.0	14.4	16.1	13.6	16.3	13.7	14.0	14.4	15.8	14.1	14.4	15.4	14.8	14.9
32.0												11.0	11.5	12.9	14.8	12.0	14.7	12.1	12.4	12.8	14.2	12.5	12.8	13.8	13.1	13.2
34.0																10.7	13.3	10.7	11.0	11.4	12.8	11.1	11.4	12.3	11.7	11.8
36.0																9.4	12.1	9.3	9.8	10.2	11.5	9.8	10.1	11.1	10.5	10.6
38.0																8.3	11.1	8.2	8.6	9.1	10.5	8.6	9.0	10.0	9.4	9.5
40.0																		7.1	7.5	8.0	9.5	7.6	7.9	9.1	8.3	8.4
42.0																		6.2	6.6	7.1	8.7	6.6	7.0	8.2	7.3	7.4
44.0																						5.8	6.1	7.3	6.5	6.5
46.0																						5.0	5.4	6.6	5.7	5.8
48.0																						4.4	4.7	6.0	5.0	5.0
50.0																									4.4	4.4
52.0																									3.8	3.8
54.0																										3.3
56.0																										2.8
58.0																										2.4
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			3 to 84.5	3 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 58t, outrigger extension width 6.8m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	188.5	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	173.4	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	160.1	159.8	108.1	159.1	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	138.4	138.0	98.5	137.3	138.0	131.3	97.4	70.9	138.2	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	120.6	120.2	90.5	119.4	120.2	119.3	88.3	64.4	120.4	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	105.8	105.4	83.8	104.6	105.3	106.3	80.9	58.9	105.6	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	86.9	86.3	78.1	85.1	86.2	87.5	74.5	54.3	86.5	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	72.2	71.7	73.2	70.6	71.6	72.8	69.1	50.3	71.9	74.4	47.3	70.9	71.4	73.4	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	61.5	60.9	63.0	59.9	60.9	62.0	63.7	46.9	61.1	63.5	44.0	60.1	60.7	62.6	39.1	61.9	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	53.3	52.7	54.7	51.7	52.6	53.8	55.4	43.8	52.9	55.2	41.1	51.9	52.4	54.2	36.5	53.6	39.6	53.7	54.1	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		41.0	42.9	40.0	40.8	41.9	43.4	38.5	41.1	43.2	36.3	40.1	40.6	42.3	32.1	41.7	35.2	41.8	42.2	42.6	37.3	42.4	42.7	39.0	40.4	34.5
16.0		33.0	34.9	32.0	32.8	33.8	35.3	34.3	33.0	35.1	32.5	32.1	32.6	34.2	28.6	33.6	31.6	33.7	34.0	34.5	33.7	34.2	34.5	35.5	35.0	31.3
18.0		27.4	29.2	26.3	27.1	28.0	29.5	29.7	27.2	29.2	29.4	26.3	26.7	28.3	25.8	27.7	28.7	27.8	28.1	28.6	30.1	28.3	28.6	29.7	29.0	28.9
20.0				21.9	22.7	23.7	25.1	25.3	22.8	24.7	25.9	21.9	22.3	23.8	23.5	23.2	26.0	23.3	23.6	24.1	25.5	23.8	24.1	25.2	24.5	24.7
22.0				18.6	19.4	20.3	21.7	21.9	19.3	21.3	22.4	18.4	18.9	20.4	21.5	19.7	22.4	19.8	20.1	20.5	22.0	20.3	20.6	21.6	21.0	21.1
24.0									16.6	18.5	19.6	15.7	16.1	17.6	19.4	16.9	19.6	17.0	17.3	17.7	19.1	17.4	17.7	18.8	18.1	18.3
26.0									14.4	16.3	17.4	13.4	13.8	15.3	17.1	14.6	17.2	14.7	15.0	15.4	16.8	15.1	15.4	16.4	15.8	15.9
28.0									12.7	14.5	15.6	11.6	12.0	13.4	15.2	12.7	15.3	12.7	13.0	13.4	14.8	13.2	13.4	14.4	13.8	13.9
30.0												9.8	10.3	11.8	13.6	11.0	13.6	11.1	11.4	11.8	13.2	11.5	11.8	12.8	12.2	12.3
32.0												8.4	8.9	10.5	12.3	9.6	12.2	9.6	10.0	10.4	11.8	10.1	10.4	11.4	10.7	10.8
34.0																8.2	11.0	8.2	8.6	9.1	10.5	8.8	9.1	10.1	9.5	9.6
36.0																7.1	10.0	7.1	7.5	8.0	9.5	7.5	7.9	9.0	8.3	8.4
38.0																6.1	9.1	6.0	6.4	6.9	8.5	6.5	6.8	8.1	7.2	7.3
40.0																		5.1	5.5	6.0	7.7	5.5	5.9	7.1	6.3	6.4
42.0																		4.3	4.7	5.2	6.9	4.7	5.1	6.3	5.4	5.5
44.0																						4.0	4.3	5.5	4.7	4.7
46.0																						3.3	3.7	4.9	4.0	4.0
48.0																						2.8	3.1	4.3	3.4	3.4
50.0																									2.8	2.8
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			18 to 84.5	31 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 47t, outrigger extension width 8.5m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	196.4	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	181.2	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	167.9	167.6	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	145.5	145.0	98.5	144.3	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	126.2	125.8	90.5	125.0	125.8	119.3	88.3	64.4	126.0	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	110.9	110.5	83.8	109.7	110.5	109.3	80.9	58.9	110.7	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	97.1	96.5	78.1	95.5	96.5	97.7	74.5	54.3	96.8	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	80.8	80.2	73.2	79.1	80.1	81.4	69.1	50.3	80.4	76.0	47.3	75.4	75.6	81.1	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	68.5	67.9	68.8	66.8	67.8	69.0	64.5	46.9	68.1	70.6	44.0	67.1	67.6	69.6	39.1	67.0	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	59.2	58.6	60.7	57.6	58.5	59.6	60.4	43.8	58.8	61.1	41.1	57.7	58.3	60.1	36.5	59.5	39.6	57.4	59.3	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		45.4	47.3	44.4	45.3	46.3	47.9	38.5	45.5	47.7	36.3	44.5	45.0	46.8	32.1	46.1	35.2	46.2	46.6	46.0	37.3	45.5	45.7	39.0	40.4	34.5
16.0		36.4	38.4	35.4	36.2	37.3	38.9	34.3	36.4	38.6	32.5	35.5	36.0	37.7	28.6	37.0	31.6	37.1	37.5	38.0	33.7	37.7	38.1	35.5	36.9	31.3
18.0		30.0	31.9	28.8	29.6	30.6	32.2	31.0	29.7	31.9	29.4	28.8	29.3	30.9	25.8	30.3	28.7	30.4	30.7	31.2	30.6	30.9	31.3	32.4	31.7	28.9
20.0				23.9	24.7	25.7	27.2	27.4	24.8	26.8	26.9	23.8	24.3	25.9	23.5	25.2	26.2	25.3	25.7	26.1	27.7	25.8	26.2	27.3	26.6	26.5
22.0				20.2	21.0	22.0	23.4	23.6	20.9	23.0	24.1	20.0	20.5	22.0	21.5	21.3	24.1	21.4	21.8	22.2	23.7	21.9	22.2	23.3	22.7	22.8
24.0									17.9	19.9	21.1	17.0	17.4	18.9	19.8	18.2	21.0	18.3	18.7	19.1	20.6	18.8	19.1	20.2	19.5	19.7
26.0									15.5	17.5	18.6	14.5	14.9	16.4	18.3	15.7	18.5	15.8	16.1	16.5	18.0	16.3	16.6	17.6	17.0	17.1
28.0									13.6	15.6	16.7	12.5	12.9	14.4	16.3	13.6	16.3	13.7	14.0	14.4	15.9	14.1	14.4	15.5	14.8	15.0
30.0												10.7	11.2	12.7	14.6	11.9	14.6	11.9	12.2	12.7	14.1	12.4	12.7	13.7	13.0	13.2
32.0												9.2	9.7	11.3	13.1	10.4	13.0	10.4	10.7	11.1	12.5	10.8	11.1	12.1	11.5	11.6
34.0																9.0	11.7	9.0	9.4	9.8	11.2	9.5	9.8	10.8	10.2	10.3
36.0																7.8	10.6	7.7	8.2	8.7	10.1	8.2	8.6	9.7	9.0	9.1
38.0																6.7	9.7	6.6	7.0	7.6	9.1	7.1	7.5	8.7	7.9	8.0
40.0																		5.7	6.1	6.6	8.2	6.1	6.5	7.7	6.9	7.0
42.0																		4.8	5.2	5.7	7.5	5.2	5.6	6.8	6.0	6.1
44.0																						4.5	4.8	6.0	5.2	5.2
46.0																						3.8	4.1	5.4	4.4	4.5
48.0																						3.2	3.5	4.8	3.8	3.8
50.0																									3.2	3.2
52.0																									2.7	2.7
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			3 to 84.5	26 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Boom

Counterweight 47t, outrigger extension width 8.0m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	193.4	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	178.1	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	164.8	164.5	108.1	162.0	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	142.5	142.1	98.5	141.4	139.0	131.3	97.4	70.9	139.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	123.5	123.1	90.5	122.3	123.1	119.3	88.3	64.4	123.3	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	108.4	108.0	83.8	107.2	107.9	108.9	80.9	58.9	108.2	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	95.1	94.4	78.1	93.2	94.3	95.8	74.5	54.3	94.7	81.4	51.1	82.1	82.3	86.4	45.7	78.7	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	77.6	77.0	73.2	75.8	76.9	78.3	69.1	50.3	77.3	76.0	47.3	75.4	75.6	78.9	42.2	72.4	45.3	64.9	65.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	65.2	64.6	66.9	63.5	64.5	65.8	64.5	46.9	64.8	67.4	44.0	63.7	64.3	66.3	39.1	65.6	42.3	60.9	62.3	53.9	44.3	54.0	54.1	45.9	45.0	34.5
12.0	55.9	55.3	57.5	54.2	55.2	56.4	58.2	43.8	55.5	57.9	41.1	54.4	55.0	56.9	36.5	56.2	39.6	56.4	56.8	51.0	41.7	50.9	51.0	43.4	44.5	34.5
14.0		42.3	44.3	41.3	42.2	43.3	44.9	38.5	42.4	44.7	36.3	41.4	42.0	43.7	32.1	43.1	35.2	43.2	43.6	44.1	37.3	43.8	44.2	39.0	40.4	34.5
16.0		33.7	35.7	32.7	33.6	34.6	36.2	34.3	33.7	35.9	32.5	32.8	33.3	35.0	28.6	34.3	31.6	34.4	34.8	35.3	33.7	35.0	35.3	35.5	35.8	31.3
18.0		27.8	29.7	26.6	27.4	28.4	29.9	30.2	27.5	29.6	29.4	26.6	27.1	28.7	25.8	28.1	28.7	28.2	28.5	29.0	30.6	28.7	29.0	30.2	29.5	28.9
20.0				22.1	22.9	23.9	25.3	25.5	22.9	25.0	26.2	22.0	22.5	24.0	23.5	23.4	26.2	23.5	23.8	24.3	25.8	24.0	24.3	25.4	24.8	24.9
22.0				18.6	19.4	20.4	21.8	22.0	19.4	21.3	22.5	18.4	18.9	20.4	21.5	19.7	22.6	19.8	20.2	20.6	22.1	20.3	20.6	21.7	21.1	21.2
24.0									16.5	18.5	19.6	15.6	16.0	17.5	19.5	16.8	19.6	16.9	17.3	17.7	19.2	17.4	17.7	18.8	18.1	18.3
26.0									14.3	16.2	17.3	13.3	13.7	15.2	17.1	14.5	17.2	14.6	14.9	15.3	16.7	15.0	15.3	16.4	15.7	15.8
28.0									12.5	14.4	15.6	11.4	11.8	13.3	15.1	12.5	15.2	12.6	12.9	13.3	14.7	13.0	13.3	14.3	13.7	13.8
30.0												9.6	10.2	11.7	13.5	10.9	13.5	10.9	11.2	11.6	13.1	11.4	11.6	12.6	12.0	12.1
32.0												8.2	8.7	10.4	12.2	9.4	12.1	9.4	9.8	10.2	11.6	9.9	10.2	11.2	10.6	10.7
34.0																8.0	10.9	8.1	8.5	9.0	10.4	8.6	8.9	10.0	9.3	9.4
36.0																6.9	9.8	6.9	7.3	7.8	9.3	7.4	7.7	8.9	8.1	8.3
38.0																5.9	9.0	5.8	6.2	6.7	8.4	6.3	6.6	7.9	7.1	7.2
40.0																		4.9	5.3	5.8	7.5	5.3	5.7	6.9	6.1	6.2
42.0																		4.1	4.5	5.0	6.7	4.5	4.9	6.1	5.2	5.3
44.0																						3.8	4.1	5.3	4.5	4.5
46.0																						3.1	3.5	4.7	3.8	3.8
48.0																						2.6	2.9	4.1	3.2	3.2
50.0																									2.6	2.6
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				0 to 84.5			18 to 84.5	31 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 47t, outrigger extension width 6.8m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	184.5	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	169.4	169.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	156.3	156.0	108.1	155.3	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	134.3	133.9	98.5	133.1	133.9	131.3	97.4	70.9	134.1	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	116.0	115.5	90.5	114.7	115.5	116.4	88.3	64.4	115.7	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	93.4	92.7	83.8	91.5	92.7	94.1	80.9	58.9	93.1	87.6	55.6	90.0	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	75.0	74.4	76.7	73.3	74.3	75.6	74.5	54.3	74.7	77.3	51.1	73.5	74.1	76.2	45.7	75.5	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	62.2	61.6	63.8	60.5	61.5	62.8	64.5	50.3	61.8	64.3	47.3	60.8	61.4	63.3	42.2	62.6	45.3	62.8	63.2	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	52.8	52.2	54.3	51.2	52.1	53.3	55.0	46.9	52.4	54.8	44.0	51.4	51.9	53.8	39.1	53.1	42.3	53.3	53.7	53.9	44.3	53.9	54.1	45.9	45.0	34.5
12.0	45.6	45.0	47.0	44.0	44.9	46.0	47.6	43.8	45.2	47.4	41.1	44.2	44.7	46.5	36.5	45.8	39.6	46.0	46.4	46.9	41.7	46.6	47.0	43.4	44.5	34.5
14.0		34.7	36.6	33.7	34.6	35.6	37.2	37.4	34.8	36.9	36.3	33.9	34.3	36.0	32.1	35.4	35.2	35.5	35.9	36.4	37.3	36.1	36.4	37.6	36.9	34.5
16.0		27.7	29.6	26.7	27.6	28.6	30.0	30.2	27.7	29.8	31.0	26.8	27.3	28.9	28.6	28.3	31.2	28.4	28.8	29.2	30.8	28.9	29.3	30.4	29.7	29.9
18.0		22.9	24.7	21.7	22.5	23.5	24.9	25.1	22.6	24.6	25.8	21.7	22.2	23.7	25.7	23.1	26.0	23.2	23.6	24.0	25.5	23.7	24.0	25.1	24.5	24.6
20.0				17.9	18.7	19.7	21.1	21.3	18.8	20.7	21.9	17.9	18.3	19.8	21.8	19.2	22.0	19.3	19.6	20.1	21.5	19.8	20.1	21.2	20.5	20.7
22.0				15.0	15.8	16.8	18.1	18.3	15.8	17.7	18.8	14.9	15.3	16.8	18.7	16.1	18.9	16.2	16.5	17.0	18.4	16.7	17.0	18.0	17.4	17.5
24.0									13.4	15.3	16.4	12.4	12.9	14.3	16.2	13.7	16.3	13.7	14.1	14.5	15.9	14.2	14.5	15.5	14.9	15.0
26.0									11.4	13.3	14.4	10.4	10.9	12.3	14.2	11.6	14.3	11.7	12.0	12.4	13.8	12.2	12.5	13.5	12.8	13.0
28.0									9.9	11.8	12.9	8.6	9.1	10.7	12.5	10.0	12.6	10.0	10.3	10.7	12.1	10.5	10.7	11.7	11.1	11.2
30.0												7.0	7.6	9.3	11.1	8.4	11.1	8.4	8.8	9.3	10.7	8.9	9.3	10.3	9.7	9.8
32.0												5.8	6.3	8.1	10.0	7.0	9.9	7.0	7.4	7.9	9.4	7.5	7.9	9.0	8.3	8.5
34.0																5.8	8.8	5.8	6.2	6.7	8.4	6.3	6.7	7.9	7.1	7.2
36.0																4.8	8.0	4.8	5.2	5.7	7.4	5.3	5.6	6.9	6.0	6.2
38.0																4.0	7.2	3.9	4.3	4.8	6.5	4.3	4.7	5.9	5.1	5.2
40.0																		3.1	3.5	4.0	5.7	3.5	3.9	5.1	4.3	4.4
42.0																		2.4	2.8	3.3	5.0	2.8	3.1	4.4	3.5	3.6
44.0																							2.5	3.7	2.8	2.9
46.0																								3.1		
48.0																								2.7		
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			0 to 84.5				0 to 84.5		0 to 84.5				28 to 84.5	22 to 84.5	0 to 84.5	34 to 84.5	41 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 47t, outrigger extension width 5.5m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	189.8	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	172.4	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	157.7	157.3	113.7	156.6	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	144.9	144.5	108.1	143.8	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	119.7	119.0	98.5	117.7	118.9	120.5	97.4	70.9	119.4	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	89.2	88.6	90.5	87.5	88.6	89.9	88.3	64.4	88.9	91.7	60.9	87.8	88.4	90.6	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	70.4	69.8	72.0	68.7	69.8	71.0	72.8	58.9	70.1	72.6	55.6	69.0	69.6	71.6	49.8	70.9	52.9	71.1	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	57.6	57.0	59.1	56.0	57.0	58.1	59.8	54.3	57.3	59.7	51.1	56.3	56.8	58.7	45.7	58.1	48.8	58.2	58.6	59.1	50.6	54.3	54.1	48.8	45.0	
10.0	48.3	47.8	49.8	46.8	47.7	48.8	50.4	50.3	48.0	50.3	47.3	47.0	47.6	49.3	42.2	48.7	45.3	48.9	49.3	49.8	47.2	49.5	49.8	48.7	45.0	34.5
11.0	41.3	40.8	42.7	39.9	40.7	41.8	43.3	43.6	41.0	43.2	44.0	40.0	40.5	42.3	39.1	41.7	42.3	41.8	42.2	42.7	44.3	42.4	42.7	43.9	43.2	34.5
12.0	35.9	35.3	37.2	34.4	35.2	36.3	37.8	38.0	35.5	37.6	38.9	34.6	35.1	36.7	36.5	36.1	39.2	36.3	36.6	37.1	38.7	36.8	37.2	38.3	37.6	34.5
14.0		27.3	29.1	26.4	27.2	28.2	29.7	29.9	27.4	29.5	30.7	26.6	27.0	28.6	30.6	28.0	30.9	28.1	28.5	28.9	30.5	28.7	29.0	30.1	29.4	29.6
16.0		21.8	23.6	20.9	21.7	22.6	24.0	24.2	21.8	23.8	24.9	21.0	21.4	22.9	24.9	22.3	25.2	22.5	22.8	23.2	24.7	23.0	23.3	24.4	23.7	23.9
18.0		17.9	19.7	16.8	17.6	18.5	19.9	20.1	17.7	19.6	20.8	16.9	17.3	18.8	20.7	18.2	20.9	18.3	18.6	19.0	20.5	18.8	19.1	20.1	19.5	19.6
20.0				13.8	14.5	15.4	16.8	17.0	14.6	16.4	17.6	13.7	14.1	15.6	17.4	15.0	17.7	15.1	15.4	15.8	17.2	15.6	15.9	16.9	16.3	16.4
22.0				11.4	12.1	13.1	14.4	14.6	12.1	14.0	15.0	11.2	11.7	13.1	14.9	12.5	15.1	12.5	12.9	13.3	14.7	13.0	13.3	14.3	13.7	13.8
24.0									10.1	12.0	13.0	9.0	9.5	11.1	12.9	10.4	13.0	10.5	10.8	11.2	12.6	10.9	11.2	12.2	11.6	11.7
26.0									8.3	10.4	11.4	7.1	7.7	9.4	11.2	8.6	11.3	8.6	9.1	9.5	10.9	9.2	9.5	10.5	9.9	10.0
28.0									6.9	9.1	10.2	5.6	6.1	7.9	9.8	7.0	9.9	7.0	7.4	7.9	9.4	7.6	7.9	9.1	8.4	8.5
30.0												4.3	4.8	6.6	8.7	5.6	8.7	5.7	6.1	6.6	8.2	6.2	6.6	7.8	7.0	7.1
32.0													3.8	5.6	7.7	4.5	7.6	4.5	4.9	5.4	7.1	5.0	5.4	6.6	5.8	5.9
34.0																3.5	6.7	3.5	3.9	4.4	6.1	4.0	4.4	5.6	4.8	4.9
36.0																2.6	5.8	2.6	3.0	3.5	5.2	3.1	3.4	4.7	3.9	4.0
38.0																	5.1			2.7	4.4		2.7	3.9	3.1	3.2
40.0																					3.7			3.1		2.4
42.0																					3.1			2.5		
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0			48.8	45.0	34.5
θ (°)	0 to 79	0 to 81		0 to 83					0 to 83			20 to 84	0 to 84			13 to 84.5	0 to 84.5	32 to 84.5		26 to 84.5	0 to 84.5	41 to 84.5	38 to 84.5	28 to 84.5	45 to 84.5	47 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 25t, outrigger extension width 8.5m

Boom Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	189.5	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	174.4	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	160.0	159.6	108.1	158.9	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	135.8	135.4	98.5	134.6	135.4	131.3	97.4	70.9	135.6	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	117.1	116.7	90.5	115.9	116.7	117.6	88.3	64.4	116.9	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	91.4	90.8	83.8	89.5	90.7	92.2	80.9	58.9	91.1	87.6	55.6	89.8	90.2	92.5	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	72.5	71.9	74.3	70.7	71.8	73.2	74.5	54.3	72.2	75.0	51.1	71.0	71.6	73.8	45.7	73.1	48.8	69.4	69.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	59.5	58.9	61.2	57.8	58.9	60.2	62.0	50.3	59.2	61.8	47.3	58.1	58.7	60.7	42.2	60.0	45.3	60.2	60.6	57.2	47.2	54.3	54.1	48.7	45.0	34.5
11.0	49.7	49.0	51.4	47.9	49.0	50.3	52.2	46.9	49.3	52.0	44.0	48.1	48.8	50.9	39.1	50.1	42.3	50.3	50.7	51.3	44.3	51.0	51.4	45.9	45.0	34.5
12.0	42.1	41.4	43.7	40.4	41.4	42.6	44.4	43.8	41.6	44.2	41.1	40.6	41.1	43.1	36.5	42.4	39.6	42.6	43.0	43.6	41.7	43.2	43.6	43.4	44.2	34.5
14.0		31.0	33.1	29.9	30.9	32.0	33.7	33.9	31.1	33.4	34.8	30.1	30.6	32.5	32.1	31.8	35.1	31.9	32.3	32.8	34.6	32.5	32.9	34.2	33.4	33.6
16.0		24.1	26.1	23.1	24.0	25.0	26.6	26.9	24.1	26.4	27.7	23.2	23.7	25.4	27.6	24.7	27.9	24.9	25.2	25.7	27.4	25.4	25.8	27.0	26.3	26.5
18.0		19.5	21.4	18.3	19.1	20.2	21.7	21.9	19.2	21.4	22.6	18.3	18.8	20.4	22.5	19.8	22.8	19.9	20.2	20.7	22.3	20.4	20.8	21.9	21.2	21.4
20.0				14.7	15.5	16.6	18.0	18.2	15.6	17.7	18.9	14.7	15.1	16.7	18.8	16.1	19.0	16.2	16.5	17.0	18.5	16.7	17.0	18.1	17.5	17.6
22.0				12.0	12.9	13.8	15.3	15.5	12.8	14.8	16.0	11.9	12.3	13.9	15.9	13.2	16.1	13.3	13.6	14.1	15.6	13.8	14.1	15.2	14.5	14.7
24.0									10.6	12.6	13.8	9.6	10.1	11.6	13.6	10.9	13.7	11.0	11.4	11.8	13.3	11.5	11.8	12.9	12.2	12.4
26.0									8.8	10.8	12.0	7.5	8.1	9.8	11.7	9.1	11.8	9.1	9.5	9.9	11.4	9.6	9.9	11.0	10.3	10.5
28.0									7.3	9.5	10.6	5.9	6.4	8.3	10.2	7.3	10.3	7.4	7.8	8.4	9.8	8.0	8.4	9.4	8.7	8.9
30.0												4.5	5.1	6.9	9.0	5.9	8.9	5.9	6.3	6.9	8.5	6.5	6.9	8.1	7.3	7.5
32.0													3.9	5.8	7.9	4.6	7.8	4.7	5.1	5.6	7.3	5.2	5.6	6.9	6.0	6.2
34.0																3.6	6.9	3.6	4.0	4.5	6.3	4.1	4.5	5.8	4.9	5.1
36.0																2.7	6.0	2.7	3.1	3.6	5.3	3.2	3.5	4.8	4.0	4.1
38.0																	5.3			2.8	4.5		2.7	4.0	3.1	3.2
40.0																					3.8			3.2	2.4	2.5
42.0																					3.2			2.6		
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0			48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			20 to 84.5	0 to 84.5			13 to 84.5	0 to 84.5	32 to 84.5		26 to 84.5	0 to 84.5	41 to 84.5	38 to 84.5	28 to 84.5	42 to 84.5	47 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Boom

Counterweight 25t, outrigger extension width 8.0m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	185.9	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	170.8	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	156.5	156.1	108.1	155.4	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	132.6	132.2	98.5	131.4	132.2	131.3	97.4	70.9	132.4	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	114.2	113.7	90.5	113.0	113.7	114.7	88.3	64.4	114.0	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	86.2	85.5	83.8	84.1	85.5	87.1	80.9	58.9	85.9	87.6	55.6	84.5	85.2	87.9	49.8	84.2	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	67.0	66.4	69.0	65.1	66.3	67.8	69.9	54.3	66.7	69.7	51.1	65.5	66.1	68.5	45.7	67.7	48.8	67.9	68.4	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	54.3	53.7	56.1	52.5	53.6	54.9	56.9	50.3	53.9	56.7	47.3	52.8	53.4	55.6	42.2	54.8	45.3	55.0	55.5	56.1	47.2	54.3	54.1	48.7	45.0	34.5
11.0	45.2	44.6	46.9	43.5	44.5	45.8	47.6	46.9	44.8	47.4	44.0	43.7	44.3	46.3	39.1	45.6	42.3	45.8	46.2	46.8	44.3	46.5	46.9	45.9	45.0	34.5
12.0	38.4	37.8	40.0	36.7	37.7	38.9	40.6	40.9	38.0	40.4	41.1	36.9	37.5	39.4	36.5	38.7	39.6	38.9	39.3	39.8	41.7	39.5	39.9	41.3	40.5	34.5
14.0		28.3	30.3	27.3	28.2	29.3	30.9	31.2	28.4	30.7	32.0	27.4	28.0	29.7	32.0	29.1	32.3	29.2	29.6	30.1	31.8	29.8	30.2	31.4	30.7	30.9
16.0		22.1	24.0	21.0	21.9	22.9	24.5	24.7	22.1	24.2	25.5	21.1	21.6	23.3	25.4	22.6	25.7	22.8	23.1	23.6	25.3	23.3	23.7	24.9	24.1	24.3
18.0		17.8	19.7	16.6	17.4	18.4	19.9	20.1	17.5	19.6	20.9	16.6	17.1	18.7	20.8	18.1	21.0	18.2	18.5	19.0	20.6	18.7	19.0	20.2	19.5	19.7
20.0				13.3	14.1	15.1	16.6	16.8	14.2	16.2	17.4	13.3	13.7	15.3	17.3	14.6	17.5	14.7	15.1	15.5	17.1	15.2	15.6	16.7	16.0	16.2
22.0				10.8	11.6	12.6	14.0	14.2	11.6	13.6	14.7	10.7	11.1	12.6	14.6	12.0	14.8	12.1	12.4	12.8	14.3	12.6	12.9	13.9	13.3	13.4
24.0									9.5	11.5	12.6	8.4	8.9	10.5	12.4	9.8	12.6	9.9	10.3	10.7	12.2	10.4	10.7	11.8	11.1	11.3
26.0									7.7	9.8	11.0	6.5	7.0	8.8	10.7	8.0	10.8	8.0	8.5	8.9	10.4	8.6	9.0	10.0	9.3	9.5
28.0									6.3	8.6	9.7	4.9	5.5	7.3	9.3	6.3	9.4	6.4	6.8	7.4	8.9	7.0	7.4	8.5	7.8	8.0
30.0												3.6	4.2	6.0	8.1	5.0	8.1	5.0	5.4	6.0	7.7	5.6	6.0	7.2	6.4	6.6
32.0														5.0	7.2	3.8	7.1	3.9	4.3	4.8	6.5	4.4	4.8	6.0	5.2	5.3
34.0																2.8	6.1	2.8	3.3	3.8	5.5	3.4	3.7	5.0	4.2	4.3
36.0																	5.3		2.4	2.9	4.6	2.5	2.8	4.1	3.3	3.4
38.0																	4.6				3.8			3.3	2.5	2.6
40.0																					3.2			2.6		
42.0																					2.6					
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			20 to 84.5		0 to 84.5		24 to 84.5	0 to 84.5	37 to 84.5	32 to 84.5		0 to 84.5	41 to 84.5		33 to 84.5	45 to 84.5	50 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 25t, outrigger extension width 6.8m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	193.2	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	176.0	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	161.1	160.7	113.7	160.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	146.8	146.3	108.1	145.6	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	122.7	121.8	98.5	120.2	121.8	123.7	97.4	70.9	122.3	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	85.9	85.2	88.0	83.8	85.1	86.7	88.3	64.4	85.6	88.8	60.9	84.2	84.9	87.5	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	65.1	64.4	67.0	63.3	64.4	65.8	67.9	58.9	64.8	67.7	55.6	63.6	64.2	66.5	49.8	65.8	52.9	65.9	66.5	65.1	54.4	54.3	54.1	48.8		
9.0	51.7	51.1	53.5	50.0	51.1	52.4	54.3	54.3	51.4	54.1	51.1	50.3	50.9	53.0	45.7	52.3	48.8	52.5	52.9	53.5	50.6	53.2	53.6	48.8	45.0	
10.0	42.4	41.9	44.1	40.8	41.8	43.1	44.8	45.1	42.1	44.6	46.1	41.1	41.7	43.6	42.2	42.9	45.3	43.1	43.5	44.1	46.0	43.8	44.2	45.5	44.7	34.5
11.0	35.6	35.1	37.2	34.1	35.0	36.2	37.9	38.1	35.3	37.7	39.1	34.3	34.8	36.7	39.0	36.0	39.4	36.2	36.6	37.1	38.9	36.8	37.2	38.5	37.7	34.5
12.0	30.4	29.9	31.9	28.9	29.8	30.9	32.5	32.8	30.0	32.3	33.7	29.1	29.6	31.4	33.6	30.7	34.0	30.9	31.3	31.8	33.5	31.5	31.8	33.1	32.3	32.6
14.0		22.4	24.3	21.4	22.3	23.4	24.9	25.1	22.5	24.7	25.9	21.6	22.1	23.8	25.9	23.1	26.2	23.3	23.6	24.1	25.7	23.8	24.2	25.3	24.6	24.8
16.0		17.4	19.2	16.4	17.2	18.2	19.7	19.9	17.4	19.5	20.7	16.5	17.0	18.6	20.6	18.0	20.9	18.1	18.4	18.9	20.4	18.6	18.9	20.1	19.4	19.6
18.0		13.9	15.7	12.8	13.6	14.6	16.0	16.2	13.7	15.7	16.9	12.8	13.3	14.8	16.8	14.2	17.0	14.3	14.7	15.1	16.6	14.8	15.1	16.2	15.6	15.7
20.0				10.0	10.9	11.8	13.2	13.4	10.9	12.9	14.0	10.0	10.5	12.0	13.9	11.4	14.1	11.5	11.8	12.2	13.7	12.0	12.3	13.3	12.7	12.8
22.0				7.7	8.7	9.8	11.1	11.3	8.7	10.7	11.8	7.5	8.1	9.8	11.7	9.1	11.9	9.2	9.6	10.0	11.4	9.7	10.0	11.0	10.4	10.6
24.0									6.7	8.9	10.1	5.6	6.1	8.0	9.9	7.1	10.0	7.2	7.6	8.1	9.6	7.8	8.2	9.2	8.6	8.7
26.0									5.2	7.6	8.7	4.0	4.5	6.4	8.4	5.4	8.5	5.5	5.9	6.5	8.1	6.1	6.5	7.7	6.9	7.1
28.0									4.0	6.4	7.6			5.0	7.2	4.1	7.3	4.1	4.5	5.1	6.8	4.7	5.1	6.3	5.5	5.7
30.0														3.9	6.2	2.9	6.2	3.0	3.4	3.9	5.6	3.5	3.9	5.1	4.3	4.4
32.0															5.3		5.2		2.4	2.9	4.6	2.5	2.8	4.1	3.3	3.4
34.0																	4.3				3.7			3.2		
36.0																	3.6				2.9			2.4		
38.0																	3.0									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			35 to 84.5		19 to 84.5	0 to 84.5	36 to 84.5	0 to 84.5	45 to 84.5	41 to 84.5		32 to 84.5	48 to 84.5		41 to 84.5	53 to 84.5	57 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 25t, outrigger extension width 5.5m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	199.4	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	179.3	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	162.5	162.0	119.9	161.4	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	147.4	147.0	113.7	146.2	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	124.3	123.4	108.1	121.9	123.4	125.3	108.5	79.0	123.9	114.0	75.4	122.3	123.2	113.1	68.0											
6.0	83.0	82.3	85.1	81.0	82.3	83.8	86.0	70.9	82.7	85.8	67.4	81.4	82.1	84.6	60.7	83.8	63.3									
7.0	61.2	60.5	63.0	59.4	60.5	61.9	63.8	64.1	60.9	63.6	60.9	59.7	60.3	62.5	54.7	61.8	57.6	62.0	62.5	63.1	57.4					
8.0	47.6	47.1	49.3	46.0	47.0	48.3	50.1	50.3	47.4	49.9	51.4	46.3	46.9	48.9	49.8	48.2	51.9	48.4	48.8	49.4	51.3	49.1	49.5	48.8		
9.0	38.5	37.9	40.0	36.9	37.9	39.1	40.8	41.0	38.2	40.6	42.0	37.2	37.7	39.6	42.0	39.0	42.4	39.1	39.5	40.1	41.9	39.8	40.2	41.5	40.7	
10.0	31.8	31.3	33.3	30.4	31.3	32.4	34.0	34.2	31.6	33.8	35.2	30.6	31.1	32.9	35.1	32.3	35.5	32.4	32.8	33.3	35.1	33.0	33.4	34.7	33.9	34.1
11.0	26.8	26.3	28.3	25.4	26.3	27.3	28.9	29.1	26.5	28.7	30.0	25.6	26.1	27.8	30.0	27.2	30.3	27.3	27.7	28.2	29.9	27.9	28.3	29.5	28.8	29.0
12.0	23.0	22.4	24.3	21.5	22.4	23.4	24.9	25.1	22.6	24.7	26.0	21.7	22.2	23.8	25.9	23.2	26.3	23.4	23.7	24.2	25.8	23.9	24.3	25.4	24.7	24.9
14.0		16.7	18.5	15.8	16.6	17.6	19.1	19.3	16.8	18.9	20.1	16.0	16.4	18.0	20.0	17.4	20.3	17.5	17.9	18.3	19.9	18.1	18.4	19.5	18.8	19.0
16.0		12.8	14.6	11.9	12.7	13.6	15.0	15.2	12.8	14.8	15.9	12.0	12.4	14.0	15.9	13.3	16.2	13.5	13.8	14.2	15.7	14.0	14.3	15.4	14.7	14.9
18.0		10.1	11.8	8.8	9.8	10.7	12.1	12.3	9.9	11.8	12.9	8.9	9.4	11.0	12.8	10.4	13.1	10.5	10.8	11.2	12.7	11.0	11.3	12.3	11.7	11.8
20.0				6.4	7.3	8.5	9.9	10.1	7.4	9.5	10.6	6.3	6.9	8.7	10.5	7.9	10.7	8.0	8.5	8.9	10.3	8.6	8.9	10.0	9.3	9.5
22.0				4.5	5.5	6.6	8.2	8.4	5.4	7.8	8.8		4.9	6.7	8.7	5.9	8.9	6.0	6.4	6.9	8.5	6.6	6.9	8.1	7.4	7.6
24.0									3.9	6.2	7.4			5.1	7.3	4.2	7.4	4.3	4.7	5.2	7.0	4.9	5.2	6.5	5.7	5.9
26.0										4.9	6.3			3.7	6.0	2.8	6.1		3.3	3.8	5.6		3.8	5.1	4.3	4.5
28.0										4.0	5.3				4.9		4.9			2.7	4.4			3.9		
30.0															4.0		4.0				3.4			2.9		
32.0																	3.1				2.5					
34.0																	2.4									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	40.7	34.1
θ (°)	0 to 79	0 to 84.5		0 to 84.5					26 to 84.5	0 to 84.5		50 to 84.5	46 to 84.5	35 to 84.5	19 to 84.5	45 to 84.5	23 to 84.5	55 to 84.5	52 to 84.5	48 to 84.5	41 to 84.5	60 to 84.5	57 to 84.5	51 to 84.5	61 to 84.5	64 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	6			5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	62.0	62.5	63.1	57.4	49.1	49.5	48.8	40.7	34.1

Counterweight 16.5t, outrigger extension width 8.5m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	186.5	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	170.4	170.0	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	155.6	155.2	108.1	154.5	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	131.7	131.2	98.5	130.5	131.2	131.3	97.4	70.9	131.5	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	105.7	104.9	90.5	103.5	104.9	106.6	88.3	64.4	105.3	95.0	60.9	99.4	99.7	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	79.0	78.4	81.1	77.1	78.3	79.8	80.9	58.9	78.7	81.8	55.6	77.4	78.1	80.6	49.8	79.8	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	62.4	61.7	64.2	60.4	61.7	63.1	65.1	54.3	62.1	64.9	51.1	60.8	61.5	63.8	45.7	63.0	48.8	63.2	63.7	60.9	50.6	54.3	54.1	48.8	45.0	
10.0	49.9	49.3	51.8	48.1	49.2	50.6	52.6	50.3	49.6	52.4	47.3	48.4	49.0	51.3	42.2	50.5	45.3	50.6	51.1	51.8	47.2	51.4	51.9	48.7	45.0	34.5
11.0	41.1	40.5	42.9	39.4	40.4	41.7	43.6	43.9	40.7	43.4	44.0	39.6	40.2	42.3	39.1	41.6	42.3	41.7	42.2	42.8	44.3	42.5	42.9	44.3	43.5	34.5
12.0	34.6	34.0	36.2	32.9	33.9	35.2	37.0	37.2	34.2	36.7	38.2	33.1	33.7	35.7	36.5	35.0	38.6	35.1	35.6	36.1	38.1	35.8	36.2	37.6	36.8	34.5
14.0		25.1	27.1	24.0	24.9	26.1	27.8	28.0	25.2	27.5	28.9	24.2	24.7	26.5	28.8	25.8	29.2	26.0	26.4	26.9	28.7	26.6	27.0	28.2	27.5	27.7
16.0		19.2	21.2	18.2	19.1	20.1	21.7	21.9	19.2	21.5	22.8	18.3	18.8	20.5	22.7	19.8	23.0	20.0	20.3	20.8	22.5	20.5	20.9	22.1	21.4	21.5
18.0		15.3	17.2	14.1	14.9	16.0	17.5	17.7	15.0	17.2	18.4	14.1	14.6	16.2	18.3	15.6	18.6	15.7	16.1	16.5	18.1	16.2	16.6	17.7	17.0	17.2
20.0				11.1	11.9	12.9	14.4	14.6	11.9	14.0	15.2	11.0	11.5	13.1	15.1	12.4	15.3	12.5	12.9	13.3	14.9	13.0	13.4	14.5	13.8	14.0
22.0				8.6	9.6	10.6	12.0	12.3	9.5	11.6	12.8	8.5	9.0	10.6	12.6	10.0	12.8	10.0	10.4	10.8	12.3	10.5	10.9	11.9	11.3	11.4
24.0									7.5	9.7	10.8	6.2	6.8	8.7	10.6	7.9	10.8	8.0	8.4	8.8	10.3	8.5	8.8	9.9	9.3	9.4
26.0									5.7	8.1	9.3	4.4	5.0	7.0	9.0	6.0	9.1	6.1	6.5	7.1	8.7	6.7	7.1	8.2	7.6	7.7
28.0									4.4	6.9	8.1		3.5	5.5	7.7	4.5	7.7	4.5	5.0	5.5	7.3	5.1	5.5	6.8	6.0	6.2
30.0														4.3	6.6	3.2	6.6	3.2	3.7	4.2	6.0	3.8	4.2	5.5	4.7	4.8
32.0															5.7		5.6		2.6	3.1	4.9		3.1	4.4	3.5	3.7
34.0																	4.6				4.0			3.4		
36.0																	3.8				3.1			2.6		
38.0																	3.2				2.4					
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			35 to 84.5	29 to 84.5	19 to 84.5	0 to 84.5	36 to 84.5	0 to 84.5	45 to 84.5	41 to 84.5		26 to 84.5	51 to 84.5	48 to 84.5	41 to 84.5	53 to 84.5	57 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Boom

Counterweight 16.5t, outrigger extension width 8.0m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) \ Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	182.7	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	166.6	166.2	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	152.0	151.6	108.1	150.8	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	128.3	127.9	98.5	127.1	127.9	128.8	97.4	70.9	128.2	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	99.6	98.7	90.5	97.1	98.7	100.6	88.3	64.4	99.2	95.0	60.9	97.6	98.5	99.4	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	72.2	71.5	74.4	70.1	71.5	73.1	75.5	58.9	71.9	75.2	55.6	70.5	71.3	73.9	49.8	73.0	52.9	71.6	71.4	65.1	54.4	54.3	54.1	48.8		
9.0	55.8	55.2	57.8	54.0	55.1	56.6	58.7	54.3	55.5	58.5	51.1	54.3	55.0	57.3	45.7	56.5	48.8	56.7	57.2	57.9	50.6	54.3	54.1	48.8	45.0	
10.0	44.9	44.3	46.7	43.2	44.3	45.6	47.6	47.8	44.6	47.4	47.3	43.5	44.1	46.2	42.2	45.5	45.3	45.7	46.1	46.7	47.2	46.4	46.8	48.3	45.0	34.5
11.0	37.2	36.6	38.9	35.5	36.5	37.8	39.6	39.9	36.8	39.4	40.9	35.7	36.3	38.3	39.1	37.6	41.3	37.8	38.2	38.8	40.8	38.5	38.9	40.3	39.5	34.5
12.0	31.4	30.8	33.0	29.7	30.7	31.9	33.7	33.9	31.0	33.4	34.9	29.9	30.5	32.4	34.8	31.7	35.2	31.9	32.3	32.8	34.7	32.5	32.9	34.3	33.5	33.7
14.0		22.7	24.7	21.7	22.6	23.7	25.3	25.6	22.8	25.1	26.4	21.8	22.4	24.1	26.4	23.5	26.7	23.6	24.0	24.5	26.2	24.2	24.6	25.8	25.1	25.3
16.0		17.4	19.3	16.4	17.2	18.3	19.8	20.1	17.4	19.6	20.8	16.5	17.0	18.6	20.8	18.0	21.1	18.1	18.5	18.9	20.6	18.7	19.0	20.2	19.5	19.7
18.0		13.8	15.7	12.6	13.4	14.4	15.9	16.1	13.5	15.6	16.9	12.6	13.1	14.7	16.8	14.1	17.0	14.2	14.5	15.0	16.6	14.7	15.0	16.2	15.5	15.7
20.0				9.8	10.6	11.6	13.1	13.3	10.7	12.7	13.9	9.8	10.2	11.8	13.8	11.1	14.0	11.2	11.6	12.0	13.6	11.7	12.1	13.2	12.5	12.7
22.0				7.4	8.4	9.5	10.9	11.1	8.4	10.5	11.6	7.2	7.8	9.5	11.5	8.9	11.7	8.9	9.3	9.7	11.2	9.4	9.8	10.8	10.2	10.3
24.0									6.4	8.7	9.8	5.2	5.8	7.7	9.7	6.8	9.8	6.9	7.3	7.9	9.4	7.5	7.9	9.0	8.3	8.5
26.0									4.9	7.3	8.4	3.6	4.2	6.1	8.2	5.1	8.3	5.2	5.6	6.2	7.8	5.8	6.2	7.4	6.7	6.8
28.0									3.7	6.1	7.4			4.7	7.0	3.7	7.0	3.8	4.2	4.8	6.5	4.4	4.8	6.0	5.2	5.4
30.0														3.6	5.9	2.6	5.9	2.6	3.0	3.6	5.3	3.2	3.6	4.8	4.0	4.2
32.0															5.0		4.9			2.6	4.3		2.5	3.8	3.0	
34.0																	4.1				3.4			2.9		
36.0																	3.3				2.7					
38.0																	2.8									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					0 to 84.5			35 to 84.5		19 to 84.5	0 to 84.5	36 to 84.5	0 to 84.5	45 to 84.5		41 to 84.5	32 to 84.5	51 to 84.5	48 to 84.5	45 to 84.5	53 to 84.5	60 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 16.5t, outrigger extension width 6.8m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) \ Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	189.5	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	172.3	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	156.1	155.6	113.7	154.9	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	141.9	141.4	108.1	140.7	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	102.7	101.9	98.5	100.3	101.8	103.7	97.4	70.9	102.4	103.6	67.4	100.7	101.6	104.7	60.7	84.2	63.3									
7.0	71.4	70.7	73.6	69.4	70.7	72.3	74.6	64.4	71.1	74.4	60.9	69.8	70.5	73.1	54.7	72.3	57.6	71.6	71.4	68.0	57.4					
8.0	53.8	53.2	55.7	52.0	53.1	54.5	56.6	56.9	53.5	56.4	55.6	52.3	53.0	55.2	49.8	54.5	52.9	54.7	55.2	55.8	54.4	54.3	54.1	48.8		
9.0	42.4	41.9	44.2	40.8	41.8	43.1	45.0	45.3	42.2	44.8	46.4	41.1	41.7	43.8	45.7	43.0	46.9	43.2	43.7	44.3	46.3	43.9	44.4	45.8	45.0	
10.0	34.6	34.0	36.2	33.0	34.0	35.2	37.0	37.2	34.3	36.8	38.2	33.2	33.8	35.8	38.2	35.1	38.6	35.2	35.7	36.2	38.1	35.9	36.3	37.7	36.9	34.5
11.0	28.8	28.2	30.3	27.2	28.2	29.3	31.0	31.3	28.5	30.8	32.2	27.5	28.0	29.9	32.2	29.2	32.6	29.3	29.8	30.3	32.1	30.0	30.4	31.7	30.9	31.1
12.0	24.4	23.8	25.8	22.8	23.7	24.9	26.5	26.7	24.0	26.3	27.6	23.0	23.6	25.3	27.6	24.7	28.0	24.8	25.2	25.7	27.5	25.4	25.8	27.0	26.3	26.5
14.0		17.5	19.4	16.5	17.4	18.5	20.0	20.2	17.6	19.8	21.0	16.7	17.2	18.9	21.0	18.2	21.3	18.4	18.7	19.2	20.8	18.9	19.3	20.4	19.7	19.9
16.0		13.3	15.1	12.3	13.1	14.1	15.6	15.8	13.3	15.3	16.6	12.4	12.9	14.5	16.5	13.8	16.8	13.9	14.3	14.8	16.3	14.5	14.8	15.9	15.3	15.4
18.0		10.4	12.2	9.1	10.0	11.0	12.4	12.6	10.1	12.1	13.3	9.2	9.7	11.3	13.2	10.6	13.5	10.7	11.1	11.5	13.0	11.3	11.6	12.7	12.0	12.2
20.0				6.5	7.6	8.7	10.1	10.3	7.6	9.7	10.9	6.5	7.1	8.9	10.8	8.2	11.0	8.3	8.7	9.1	10.6	8.8	9.1	10.2	9.5	9.7
22.0				4.6	5.6	6.8	8.3	8.5	5.6	7.9	9.0		5.0	6.9	8.9	6.0	9.1	6.1	6.5	7.1	8.6	6.7	7.1	8.2	7.6	7.8
24.0									3.9	6.3	7.5			5.2	7.4	4.3	7.5	4.4	4.8	5.3	7.1	5.0	5.3	6.6	5.8	6.0
26.0										5.0	6.4			3.8	6.1	2.9	6.2		3.4	3.9	5.6		3.9	5.2	4.4	4.5
28.0										4.0	5.4				4.9		5.0			2.7	4.4			4.0		
30.0															4.0		4.0				3.4			2.9		
32.0																	3.1				2.5					
34.0																	2.4									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					26 to 84.5	0 to 84.5		50 to 84.5	46 to 84.5	35 to 84.5	19 to 84.5	45 to 84.5	23 to 84.5	55 to 84.5	52 to 84.5	48 to 84.5	41 to 84.5	60 to 84.5	57 to 84.5	51 to 84.5	61 to 84.5	64 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 16.5t, outrigger extension width 5.5m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	194.9	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	174.9	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	157.8	157.3	119.9	156.5	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	135.5	134.4	113.7	132.6	134.4	136.6	115.0	83.8	135.0	120.1	80.1															
5.0	103.2	102.3	105.7	100.7	102.3	104.1	106.8	79.0	102.8	106.6	75.4	101.2	102.1	105.1	68.0											
6.0	68.4	67.7	70.4	66.4	67.6	69.2	71.4	70.9	68.1	71.2	67.4	66.8	67.5	70.0	60.7	69.2	63.3									
7.0	49.9	49.3	51.8	48.2	49.3	50.7	52.6	52.9	49.7	52.5	54.1	48.5	49.2	51.4	54.1	50.6	54.6	50.8	51.3	51.9	54.0					
8.0	38.6	38.0	40.3	37.0	38.0	39.2	41.0	41.3	38.3	40.9	42.4	37.3	37.8	39.8	42.3	39.2	42.8	39.3	39.8	40.3	42.3	40.0	40.4	41.8		
9.0	30.8	30.3	32.4	29.3	30.3	31.5	33.1	33.4	30.6	33.0	34.4	29.6	30.1	32.0	34.4	31.4	34.8	31.5	31.9	32.5	34.3	32.2	32.5	33.9	33.1	
10.0	25.3	24.8	26.8	23.8	24.7	25.8	27.4	27.7	25.0	27.3	28.6	24.0	24.6	26.3	28.6	25.7	29.0	25.9	26.3	26.8	28.5	26.5	26.8	28.1	27.4	27.6
11.0	21.1	20.6	22.5	19.6	20.5	21.6	23.1	23.4	20.8	23.0	24.2	19.8	20.3	22.1	24.2	21.4	24.6	21.6	22.0	22.4	24.1	22.2	22.5	23.7	23.0	23.2
12.0	17.8	17.3	19.2	16.4	17.2	18.3	19.8	20.0	17.4	19.6	20.8	16.6	17.0	18.7	20.8	18.1	21.1	18.2	18.6	19.1	20.7	18.8	19.1	20.3	19.6	19.8
14.0		12.5	14.3	11.6	12.4	13.4	14.8	15.0	12.6	14.6	15.8	11.7	12.2	13.8	15.8	13.2	16.1	13.3	13.7	14.1	15.6	13.8	14.2	15.3	14.6	14.8
16.0		9.2	11.0	8.1	9.1	10.0	11.4	11.6	9.2	11.2	12.4	8.2	8.8	10.4	12.3	9.8	12.6	9.9	10.2	10.6	12.1	10.4	10.7	11.8	11.1	11.3
18.0		6.7	8.7	5.4	6.3	7.5	9.0	9.2	6.5	8.7	9.8		6.0	7.8	9.7	7.0	10.0	7.2	7.6	8.1	9.5	7.8	8.1	9.2	8.6	8.7
20.0					4.3	5.4	7.1	7.3	4.4	6.7	7.9			5.7	7.8	4.9	8.0	5.0	5.4	5.9	7.6	5.6	5.9	7.2	6.4	6.6
22.0						3.8	5.5	5.8		5.0	6.4				6.2		6.4			4.1	5.9			5.4		
24.0										3.7	5.1				4.8		5.0				4.5			4.0		
26.0											4.0				3.7		3.8				3.3					
28.0																	2.8									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	40.0	40.4	41.8	33.1	27.6
θ (°)	0 to 79	0 to 84.5		33 to 84.5	22 to 84.5	0 to 84.5			41 to 84.5	26 to 84.5	12 to 84.5	59 to 84.5	55 to 84.5	50 to 84.5	35 to 84.5	57 to 84.5	41 to 84.5	61 to 84.5		58 to 84.5	52 to 84.5	65 to 84.5		60 to 84.5	68 to 84.5	71 to 84.5	
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	80t		80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	1550kg		1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	9	10		6	6		5				4			3	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		5				4			3	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.2	63.3	50.8	51.3	51.9	54.0	40.0	40.4	41.8	33.1	27.6

Counterweight 7.5t, outrigger extension width 8.5m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	200.0	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	182.6	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	165.5	165.1	113.7	162.0	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	150.8	150.4	108.1	149.7	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	127.1	126.7	98.5	125.8	126.7	127.6	97.4	70.9	127.0	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	89.0	88.3	90.5	86.9	88.3	90.0	88.3	64.4	88.7	92.3	60.9	87.3	88.1	90.9	54.7	84.2	57.6	71.6	71.4	68.0	57.4					
8.0	65.7	65.0	68.1	63.6	65.0	66.7	69.2	58.9	65.5	69.0	55.6	64.0	64.8	67.6	49.8	66.6	52.9	66.9	67.5	65.1	54.4	54.3	54.1	48.8		
9.0	49.8	49.2	52.0	47.9	49.2	50.7	52.9	53.3	49.6	52.7	51.1	48.3	49.0	51.4	45.7	50.6	48.8	50.8	51.3	52.0	50.6	51.6	52.1	48.8	45.0	
10.0	39.5	38.9	41.4	37.7	38.9	40.3	42.3	42.6	39.2	42.1	43.8	38.0	38.7	40.9	42.2	40.1	44.2	40.3	40.8	41.4	43.6	41.1	41.5	43.1	42.2	34.5
11.0	32.3	31.7	34.0	30.6	31.6	32.9	34.8	35.1	31.9	34.6	36.2	30.8	31.4	33.5	36.2	32.8	36.6	32.9	33.4	34.0	36.0	33.6	34.1	35.5	34.7	34.5
12.0	26.9	26.3	28.6	25.2	26.3	27.5	29.3	29.6	26.5	29.1	30.6	25.5	26.1	28.0	30.5	27.3	30.9	27.4	27.9	28.4	30.4	28.1	28.5	29.9	29.1	29.3
14.0		19.0	21.0	17.9	18.8	20.0	21.7	21.9	19.1	21.4	22.8	18.1	18.6	20.4	22.7	19.7	23.1	19.9	20.3	20.8	22.6	20.5	20.9	22.1	21.4	21.6
16.0		13.9	16.1	12.8	13.7	14.9	16.6	16.9	13.9	16.4	17.7	12.9	13.4	15.3	17.6	14.6	17.9	14.7	15.1	15.7	17.4	15.3	15.7	17.0	16.3	16.4
18.0		10.5	12.6	9.2	10.1	11.2	12.9	13.1	10.3	12.5	13.9	9.3	9.8	11.5	13.8	10.8	14.1	10.9	11.3	11.8	13.6	11.5	11.9	13.1	12.4	12.6
20.0				6.4	7.5	8.6	10.2	10.4	7.6	9.8	11.1	6.3	7.0	8.8	11.0	8.1	11.2	8.2	8.6	9.1	10.7	8.7	9.1	10.3	9.6	9.7
22.0				4.2	5.3	6.6	8.2	8.4	5.3	7.7	9.0			6.7	8.8	5.8	9.0	5.9	6.4	6.9	8.5	6.5	7.0	8.1	7.4	7.6
24.0									3.5	6.1	7.3			4.9	7.2	3.9	7.3		4.5	5.1	6.8	4.6	5.1	6.4	5.6	5.7
26.0										4.7	6.1				5.8		5.9			3.5	5.4			4.9		
28.0										3.7	5.2				4.7		4.7				4.1			3.6		
30.0															3.7		3.7				3.1					
32.0																	2.8									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					26 to 84.5	0 to 84.5		50 to 84.5		41 to 84.5	19 to 84.5	49 to 84.5	30 to 84.5	58 to 84.5	55 to 84.5	52 to 84.5	45 to 84.5	60 to 84.5		54 to 84.5	64 to 84.5	66 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Boom

Counterweight 7.5t, outrigger extension width 8.0m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) \ Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	196.7	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	178.5	170.0	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	161.6	161.2	113.7	160.4	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	147.1	146.7	108.1	145.9	139.0	139.0	108.5	79.0	139.0	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	123.7	123.2	98.5	122.3	123.2	124.2	97.4	70.9	123.5	103.6	67.4	110.9	111.1	107.6	60.7	84.2	63.3									
7.0	80.3	79.5	82.9	77.9	79.5	81.4	84.1	64.4	80.0	83.9	60.9	78.4	79.2	82.3	54.7	81.3	57.6	71.6	71.4	68.0	57.4					
8.0	57.7	57.1	60.0	55.7	57.0	58.7	61.0	58.9	57.5	60.8	55.6	56.1	56.9	59.5	49.8	58.6	52.9	58.8	59.4	60.1	54.4	54.3	54.1	48.8		
9.0	44.2	43.6	46.3	42.4	43.6	45.1	47.2	47.5	44.0	47.0	48.7	42.7	43.4	45.8	45.7	44.9	48.8	45.1	45.7	46.3	48.6	45.9	46.4	48.1	45.0	
10.0	35.3	34.7	37.1	33.6	34.7	36.0	37.9	38.2	35.0	37.7	39.4	33.8	34.5	36.6	39.3	35.9	39.8	36.0	36.5	37.1	39.2	36.8	37.2	38.7	37.8	34.5
11.0	28.9	28.3	30.6	27.2	28.3	29.5	31.4	31.6	28.6	31.2	32.7	27.5	28.1	30.1	32.6	29.4	33.1	29.5	30.0	30.5	32.5	30.2	30.6	32.0	31.2	31.4
12.0	24.1	23.6	25.7	22.5	23.5	24.7	26.4	26.7	23.8	26.2	27.7	22.7	23.3	25.2	27.6	24.5	28.0	24.6	25.1	25.6	27.5	25.3	25.7	27.0	26.2	26.5
14.0		16.9	19.0	15.9	16.8	17.9	19.6	19.8	17.0	19.3	20.7	16.1	16.6	18.4	20.6	17.7	21.0	17.8	18.2	18.7	20.5	18.4	18.8	20.0	19.3	19.5
16.0		12.6	14.5	11.5	12.4	13.5	15.0	15.2	12.6	14.8	16.0	11.7	12.1	13.8	16.0	13.2	16.3	13.3	13.7	14.1	15.8	13.8	14.2	15.4	14.7	14.8
18.0		9.6	11.5	8.3	9.3	10.3	11.8	12.0	9.4	11.5	12.7	8.4	9.0	10.6	12.7	9.9	12.9	10.0	10.4	10.9	12.4	10.6	10.9	12.0	11.4	11.5
20.0				5.8	6.8	8.0	9.4	9.7	6.9	9.1	10.3	5.7	6.3	8.2	10.2	7.4	10.4	7.5	8.0	8.4	9.9	8.1	8.5	9.5	8.9	9.0
22.0				3.8	4.8	6.0	7.7	7.9	4.8	7.2	8.4			6.2	8.3	5.3	8.5	5.4	5.8	6.4	8.0	6.0	6.4	7.6	6.9	7.1
24.0										5.7	6.9			4.5	6.8	3.6	6.9		4.1	4.7	6.5		4.7	6.0	5.2	5.3
26.0										4.4	5.8				5.5		5.6			3.2	5.0			4.5		
28.0											4.8				4.4		4.4				3.8			3.4		
30.0																	3.4				2.8					
32.0																	2.6									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	48.0		48.8	45.0	34.5
θ (°)	0 to 79	0 to 84.5		0 to 84.5					34 to 84.5	12 to 84.5	0 to 84.5	50 to 84.5		41 to 84.5	28 to 84.5	49 to 84.5	30 to 84.5	58 to 84.5	55 to 84.5	52 to 84.5	45 to 84.5	63 to 84.5	60 to 84.5	54 to 84.5	64 to 84.5	66 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	7		6	5	5			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		6			5	5			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	69.7		68.0	57.4	54.3	54.1	48.8	45.0	34.5

Counterweight 7.5t, outrigger extension width 6.8m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) \ Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	200.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	185.5	170.0	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	167.0	166.6	119.9	162.0	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	150.5	150.1	113.7	149.3	139.0	139.0	115.0	83.8	139.0	120.1	80.1															
5.0	136.5	136.1	108.1	135.3	136.1	137.0	108.5	79.0	136.3	114.0	75.4	123.3	123.4	113.1	68.0											
6.0	82.1	81.3	84.7	79.7	81.3	83.2	85.9	70.9	81.8	85.7	67.4	80.2	81.1	84.2	60.7	83.2	63.3									
7.0	56.5	55.9	58.7	54.5	55.8	57.4	59.8	60.1	56.3	59.5	60.9	54.9	55.7	58.2	54.7	57.4	57.6	57.6	58.2	58.9	57.4					
8.0	42.1	41.5	44.1	40.3	41.5	42.9	45.0	45.3	41.9	44.8	46.5	40.7	41.3	43.6	46.5	42.8	47.0	43.0	43.5	44.2	46.4	43.8	44.3	45.9		
9.0	32.8	32.3	34.6	31.2	32.3	33.6	35.5	35.7	32.6	35.3	36.8	31.5	32.1	34.2	36.8	33.5	37.3	33.6	34.1	34.7	36.7	34.4	34.8	36.2	35.4	
10.0	26.4	25.9	28.1	24.9	25.9	27.1	28.8	29.1	26.2	28.7	30.1	25.1	25.7	27.6	30.1	26.9	30.5	27.1	27.5	28.1	30.0	27.8	28.2	29.5	28.7	29.0
11.0	21.7	21.2	23.3	20.2	21.1	22.3	24.0	24.2	21.4	23.8	25.2	20.4	21.0	22.8	25.2	22.1	25.5	22.3	22.7	23.2	25.0	22.9	23.3	24.6	23.8	24.0
12.0	18.1	17.6	19.6	16.6	17.5	18.6	20.3	20.5	17.8	20.1	21.4	16.8	17.3	19.1	21.4	18.5	21.7	18.6	19.0	19.5	21.2	19.2	19.6	20.8	20.1	20.3
14.0		12.4	14.4	11.5	12.3	13.4	14.9	15.2	12.6	14.7	16.0	11.6	12.1	13.8	15.9	13.2	16.2	13.3	13.7	14.1	15.8	13.9	14.2	15.4	14.7	14.9
16.0		9.0	10.9	7.9	8.9	9.9	11.3	11.6	9.0	11.1	12.3	8.0	8.6	10.2	12.2	9.6	12.5	9.7	10.1	10.5	12.1	10.2	10.6	11.7	11.0	11.2
18.0		6.4	8.5	5.0	6.1	7.3	8.8	9.0	6.2	8.5	9.7			7.6	9.6	6.8	9.8	6.9	7.4	7.9	9.4	7.6	7.9	9.0	8.3	8.5
20.0					3.9	5.1	6.9	7.1		6.5	7.7			5.4	7.6	4.6	7.8		5.1	5.7	7.3		5.7	7.0	6.2	
22.0						3.5	5.3	5.5		4.8	6.1				6.0		6.2				5.7			5.2		
24.0											4.8				4.6		4.8				4.2					
26.0											3.7				3.5		3.6				3.0					
28.0																	2.6									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	61.0	49.0			53.0	43.8	44.3	45.9	35.4	29.0
θ (°)	0 to 79	0 to 84.5		33 to 84.5	22 to 84.5	0 to 84.5			47 to 84.5	34 to 84.5	12 to 84.5	59 to 84.5		50 to 84.5	35 to 84.5	57 to 84.5	41 to 84.5	64 to 84.5	61 to 84.5		52 to 84.5	68 to 84.5	65 to 84.5	62 to 84.5	68 to 84.5	73 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			200t			80t	200t	80t	80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			3200kg			1550kg	3200kg	1550kg	1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	20	17	13	16	13			10	13	12	8	12		11	6	8	6	5		6	5	4			4	3
Standard number of parts of line with main winch	18	13		11				10	9		8	8			6	6		5		6	5	4			4	3
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	91.1			68.0	69.7	63.3	57.6	58.2	58.9	57.4	43.8	44.3	45.9	35.4	29.0

Counterweight 7.5t, outrigger extension width 5.5m

Boom

Unit: t

Capacity block	1	3	1	3	5	4	2	1	4	2	1	4	6	2	1	2	1	7	9	8	1	10	11	1	1	12
Capacity No.	1	14	2	15	19	16	10	3	17	11	4	18	20	12	5	13	6	21	23	22	7	24	25	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1		25.1					30.2			35.3				40.4		45.4				50.5			55.6	60.0
3.0	190.0	170.0	134.8	162.0	139.0	139.0	139.0	102.4																		
3.5	170.2	169.7	127.0	162.0	139.0	139.0	130.9	95.4																		
4.0	151.4	150.9	119.9	150.1	139.0	139.0	122.5	89.2	139.0	126.8	85.4															
4.5	107.4	106.4	110.4	104.6	106.4	108.6	111.8	83.8	107.0	111.5	80.1															
5.0	81.3	80.5	83.9	79.0	80.5	82.4	85.1	79.0	81.0	84.9	75.4	79.4	80.3	83.3	68.0											
6.0	53.2	52.6	55.3	51.3	52.6	54.1	56.3	56.6	53.0	56.1	58.0	51.7	52.4	54.9	58.0	54.1	58.6									
7.0	38.4	37.8	40.2	36.7	37.8	39.1	41.1	41.4	38.2	40.9	42.6	37.0	37.6	39.8	42.5	39.1	43.1	39.3	39.8	40.4	42.5					
8.0	29.2	28.7	30.9	27.6	28.7	29.9	31.7	32.0	29.0	31.5	33.0	27.9	28.5	30.5	33.0	29.8	33.5	30.0	30.4	31.0	32.9	30.7	31.1	32.5		
9.0	23.0	22.5	24.6	21.5	22.4	23.6	25.3	25.6	22.7	25.1	26.5	21.8	22.3	24.2	26.5	23.5	26.9	23.7	24.1	24.6	26.4	24.3	24.7	26.0	25.2	
10.0	18.5	18.0	20.0	17.1	18.0	19.1	20.7	20.9	18.2	20.5	21.9	17.3	17.8	19.6	21.8	19.0	22.2	19.1	19.5	20.0	21.7	19.7	20.1	21.3	20.6	20.8
11.0	15.1	14.6	16.5	13.7	14.6	15.6	17.2	17.4	14.8	17.0	18.3	13.9	14.4	16.1	18.3	15.5	18.6	15.6	16.0	16.5	18.2	16.2	16.6	17.8	17.1	17.3
12.0	12.5	12.0	13.8	11.1	11.9	13.0	14.5	14.7	12.1	14.3	15.5	11.3	11.7	13.4	15.5	12.8	15.8	12.9	13.3	13.8	15.4	13.5	13.8	15.0	14.3	14.5
14.0		8.1	9.9	7.0	8.0	9.0	10.5	10.7	8.2	10.3	11.5			9.4	11.4	8.8	11.7	8.9	9.3	9.7	11.3	9.5	9.8	10.9	10.2	10.4
16.0		5.1	7.3		5.0	6.2	7.7	7.9		7.5	8.7				8.6	5.8	8.9			6.9	8.4			8.0		
18.0			5.2			3.9	5.6	5.9		5.3	6.6				6.5		6.7				6.3			5.9		
20.0							3.9	4.2			4.9				4.8		5.0				4.5					
22.0											3.6						3.6									
Maximum load without pin	60.0	63.0	69.0	59.0		63.0	66.0	44.0	59.0	63.0	66.0	49.0		59.0	44.0	48.0	58.6	39.3	39.8	40.4	42.5	30.7	31.1	32.5	25.2	20.8
θ (°)	0 to 79	13 to 84.5	0 to 84.5	48 to 84.5	41 to 84.5	33 to 84.5	22 to 84.5		57 to 84.5	46 to 84.5	34 to 84.5	66 to 84.5		62 to 84.5	50 to 84.5	64 to 84.5	53 to 84.5	70 to 84.5		67 to 84.5	61 to 84.5	73 to 84.5		67 to 84.5	75 to 84.5	77 to 84.5
Extension state (Extension ratio %)																										
Telescopic section 1	0	0	0	45	45	0	0	0	45	0	0	90	90	45	0	90	0	90	90	90	0	90	90	45	90	100
Telescopic section 2	0	45	0	45	0	45	0	0	45	45	0	45	45	45	0	45	45	90	90	45	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	45	45	0	45	45	45	45	0	45	90	45	90	45	0	45	90	90	45	90	90	100
Telescopic section 4	0	0	45	0	0	0	45	90	0	45	90	0	45	45	90	45	90	45	90	90	90	45	90	90	90	100
Standard hook block	200t	200t		200t					200t			80t	200t		80t	80t		80t				80t			80t	80t
Hook block weight	3200kg	3200kg		3200kg					3200kg			1550kg	3200kg		1550kg	1550kg		1550kg				1550kg			1550kg	1550kg
Standard number of parts of line with aux. winch	19	17	13	16	13			10	13	12	8	7	8		6	5		4				3			3	2
Standard number of parts of line with main winch	18	13		11				10	9		8	7	8		6	5		4				3			3	2
Maximum load with main winch	186.1	141.0	134.8	121.6				102.4	101.5		85.4	79.4	80.3	83.3	68.0	54.1	58.6	39.3	39.8	40.4	42.5	30.7	31.1	32.5	25.2	20.8

Counterweight 0t, outrigger extension width 8.5m

Boom

Unit: t

Capacity block	1	1	1	1	1	1	1	1	1	12
Capacity No.	1	2	3	4	5	6	7	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1	25.1	30.2	35.3	40.4	45.4	50.5	55.6	60.0
3.0	200.0	134.8	102.4							
3.5	195.5	127.0	95.4							
4.0	175.5	119.9	89.2	85.4						
4.5	158.5	113.7	83.8	80.1						
5.0	144.0	108.1	79.0	75.4	68.0					
6.0	99.3	98.5	70.9	67.4	60.7	63.3				
7.0	64.0	67.1	64.4	60.9	54.7	57.6	57.4			
8.0	44.3	46.9	48.5	49.9	49.8	50.4	49.7	48.8		
9.0	32.9	35.2	36.6	37.8	37.9	38.3	37.6	37.0	36.0	
10.0	25.3	27.6	28.8	30.0	30.0	30.3	29.8	29.2	28.3	28.5
11.0	19.3	21.5	22.9	24.1	24.1	24.5	23.9	23.2	22.2	22.5
12.0	15.1	17.1	18.3	19.4	19.4	19.8	19.2	18.6	17.7	17.9
14.0		11.3	12.4	13.3	13.3	13.6	13.1	12.6	11.7	11.9
16.0		7.8	8.7	9.5	9.5	9.7	9.2	8.7		
18.0		5.5	6.1	6.9	6.9	7.1	6.6			
20.0			4.3	5.0		5.2				
Maximum load without pin	60.0	69.0	44.0	66.0	44.0	61.0	53.0	48.8	36.0	28.5
θ (°)	0 to 79	0 to 84.5	22 to 84.5	41 to 84.5	55 to 84.5	57 to 84.5	64 to 84.5	70 to 84.5	75 to 84.5	77 to 84.5
Extension state (Extension ratio %)										
Telescopic section 1	0	0	0	0	0	0	0	45	90	100
Telescopic section 2	0	0	0	0	0	45	90	90	90	100
Telescopic section 3	0	0	0	45	90	90	90	90	90	100
Telescopic section 4	0	45	90	90	90	90	90	90	90	100
Standard hook block	200t	200t	200t	200t	80t	80t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	20	13	10	8	6	6	5	5	4	3
Standard number of parts of line with main winch	18	13	10	8	6	6	5	5	4	3
Maximum load with main winch	186.1	134.8	102.4	85.4	68.0	63.3	57.4	48.8	36.0	28.5

Counterweight 0t, outrigger extension width 8.0m

Boom

Unit: t

Capacity block	1	1	1	1	1	1	1	1	1	12
Capacity No.	1	2	3	4	5	6	7	8	9	26
Boom length (m) / Load radius (m)	15.0	20.1	25.1	30.2	35.3	40.4	45.4	50.5	55.6	60.0
3.0	200.0	134.8	102.4							
3.5	191.0	127.0	95.4							
4.0	171.1	119.9	89.2	85.4						
4.5	154.3	113.7	83.8	80.1						
5.0	140.0	108.1	79.0	75.4	68.0					
6.0	86.4	90.2	70.9	67.4	60.7	63.3				
7.0	54.2	57.2	58.9	60.5	54.7	57.6	57.4			
8.0	38.2	40.7	42.2	43.5	43.5	44.0	43.3	42.7		
9.0	28.6	30.8	32.1	33.3	33.3	33.7	33.1	32.5	31.6	
10.0	22.2	24.2	25.4	26.5	26.5	26.9	26.3	25.8	24.9	25.1
11.0	17.7	19.5	20.6	21.7	21.7	22.0	21.5	20.9	20.1	20.3
12.0	14.3	16.0	17.1	18.0	18.0	18.3	17.8	17.3	16.5	16.7
14.0		11.2	12.1	12.9	12.9	13.2	12.7	12.3	11.5	11.7
16.0		7.8	8.6	9.5	9.5	9.7	9.2	8.7		
18.0		5.5	6.1	6.9	6.9	7.1	6.6			
20.0			4.3	5.0		5.2				
Maximum load without pin	60.0	69.0	44.0	66.0	44.0	61.0	53.0	42.7	31.6	25.1
θ (°)	0 to 79	0 to 84.5	22 to 84.5	41 to 84.5	55 to 84.5	57 to 84.5	64 to 84.5	70 to 84.5	75 to 84.5	77 to 84.5
Extension state (Extension ratio %)										
Telescopic section 1	0	0	0	0	0	0	0	45	90	100
Telescopic section 2	0	0	0	0	0	45	90	90	90	100
Telescopic section 3	0	0	0	45	90	90	90	90	90	100
Telescopic section 4	0	45	90	90	90	90	90	90	90	100
Standard hook block	200t	200t	200t	200t	80t	80t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	20	13	10	8	6	6	5	4	3	3
Standard number of parts of line with main winch	18	13	10	8	6	6	5	4	3	3
Maximum load with main winch	186.1	134.8	102.4	85.4	68.0	63.3	57.4	42.7	31.6	25.1

Boom

Counterweight 0t, outrigger extension width 6.8m

Boom

Unit: t

Capacity block	1	1	1	1	1	1	1	1	1	12
Capacity No.	1	2	3	4	5	6	7	8	9	26
\Boom length (m) Load radius (m)\	15.0	20.1	25.1	30.2	35.3	40.4	45.4	50.5	55.6	60.0
3.0	199.9	134.8	102.4							
3.5	178.2	127.0	95.4							
4.0	158.8	119.9	89.2	85.4						
4.5	142.0	113.7	83.8	80.1						
5.0	94.5	98.5	79.0	75.4	68.0					
6.0	54.3	57.2	59.0	60.6	60.7	61.2				
7.0	36.4	38.8	40.3	41.7	41.7	42.1	41.5			
8.0	26.3	28.5	29.8	31.0	31.0	31.4	30.8	30.2		
9.0	19.9	21.8	23.0	24.1	24.1	24.5	23.9	23.4	22.6	
10.0	15.4	17.2	18.3	19.3	19.3	19.6	19.1	18.6	17.8	18.1
11.0	12.1	13.8	14.9	15.8	15.8	16.1	15.6	15.1	14.4	14.6
12.0	9.6	11.2	12.2	13.1	13.1	13.4	12.9	12.4	11.7	
14.0		7.6	8.4	9.2	9.2	9.5	9.0	8.6		
16.0		5.0	5.9	6.6	6.6	6.8	6.4			
18.0			3.9			4.8				
Maximum load without pin	60.0	69.0	44.0	66.0	44.0	61.0	41.5	30.2	22.6	18.1
θ (°)	0 to 79	13 to 84.5	33 to 84.5	52 to 84.5	59 to 84.5	60 to 84.5	67 to 84.5	72 to 84.5	77 to 84.5	80 to 84.5
Extension state (Extension ratio %)										
Telescopic section 1	0	0	0	0	0	0	0	45	90	100
Telescopic section 2	0	0	0	0	0	45	90	90	90	100
Telescopic section 3	0	0	0	45	90	90	90	90	90	100
Telescopic section 4	0	45	90	90	90	90	90	90	90	100
Standard hook block	200t	200t	200t	200t	80t	80t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	20	13	10	8	6	6	4	3	2	2
Standard number of parts of line with main winch	18	13	10	8	6	6	4	3	2	2
Maximum load with main winch	186.1	134.8	102.4	85.4	68.0	61.2	41.5	30.2	22.6	18.1

Counterweight 0t, outrigger extension width 5.5m

Boom

Unit: t

Capacity block	1	1	1	1	1	1	1	1
Capacity No.	1	2	3	4	5	6	7	8
\Boom length (m) Load radius (m)\	15.0	20.1	25.1	30.2	35.3	40.4	45.4	50.5
3.0	183.1	134.8	102.4					
3.5	160.7	127.0	95.4					
4.0	101.5	105.8	89.2	85.4				
4.5	69.7	73.0	75.1	76.9				
5.0	51.9	54.8	56.6	58.2	58.2			
6.0	32.9	35.2	36.6	37.9	38.0	38.4		
7.0	22.8	24.8	26.1	27.2	27.3	27.6	27.1	
8.0	16.6	18.4	19.6	20.6	20.6	21.0	20.5	19.9
9.0	12.3	14.1	15.1	16.1	16.1	16.4	16.0	15.5
10.0	9.3	10.9	11.9	12.8	12.9	13.1	12.7	12.2
11.0	7.0	8.6	9.5	10.4	10.4	10.7	10.2	
12.0	5.0	6.7	7.6	8.5	8.5	8.7	8.3	
14.0						5.9		
Maximum load without pin	60.0	69.0	44.0	66.0	44.0	38.4	27.1	19.9
θ (°)	0 to 79	41 to 84.5	54 to 84.5	61 to 84.5	66 to 84.5	67 to 84.5	73 to 84.5	77 to 84.5
Extension state (Extension ratio %)								
Telescopic section 1	0	0	0	0	0	0	0	45
Telescopic section 2	0	0	0	0	0	45	90	90
Telescopic section 3	0	0	0	45	90	90	90	90
Telescopic section 4	0	45	90	90	90	90	90	90
Standard hook block	200t	200t	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	18	13	10	8	5	4	3	2
Standard number of parts of line with main winch	18	13	10	8	5	4	3	2
Maximum load with main winch	183.1	134.8	102.4	85.4	58.2	38.4	27.1	19.9

Counterweight 0t, outrigger extension width 2.7m

Boom

Unit: t

Capacity block	1	1	1	1
Capacity No.	1	2	3	4
\Boom length (m) Load radius (m)\	15.0	20.1	25.1	30.2
3.0	35.0	35.0	35.0	
3.5	26.7	28.9	30.3	
4.0	19.8	21.8	23.0	24.1
4.5	15.0	16.9	18.1	19.1
5.0	11.6	13.4	14.5	15.4
6.0	7.0	8.6	9.6	10.5
Maximum load without pin	35.0	35.0	35.0	24.1
θ (°)	54 to 79	64 to 84.5	70 to 84.5	74 to 84.5
Extension state (Extension ratio %)				
Telescopic section 1	0	0	0	0
Telescopic section 2	0	0	0	0
Telescopic section 3	0	0	0	45
Telescopic section 4	0	45	90	90
Standard hook block	80t	80t	80t	80t
Hook block weight	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	3	3	3	2
Standard number of parts of line with main winch	3	3	3	2
Maximum load with main winch	35.0	35.0	35.0	24.1

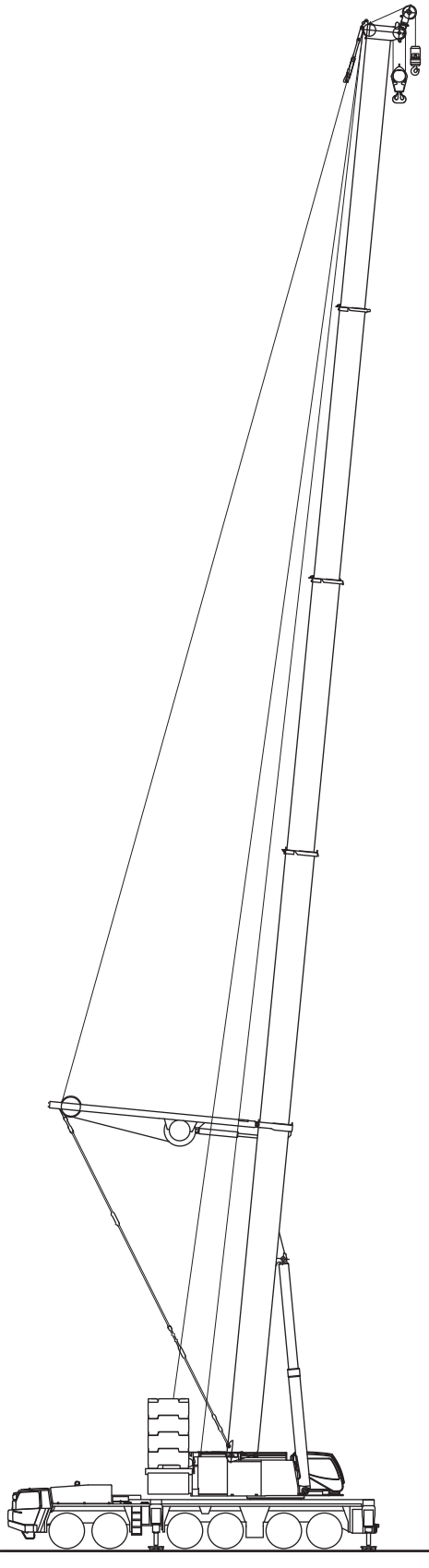
Counterweight 0t, outrigger extension width 2.7m, Over-rear of ±5° range only

Boom

Unit: t

Capacity block	1	1	1	1
Capacity No.	1	2	3	4
\Boom length (m) Load radius (m)\	15.0	20.1	25.1	30.2
3.0	35.0	35.0	35.0	
3.5	35.0	35.0	35.0	
4.0	35.0	35.0	35.0	35.0
4.5	35.0	35.0	35.0	35.0
5.0	35.0	35.0	35.0	35.0
6.0	35.0	35.0	35.0	35.0
7.0	35.0	35.0	35.0	35.0
8.0	35.0	35.0	35.0	35.0
9.0	33.4	35.0	35.0	35.0
10.0	24.5	26.9	28.4	29.8
11.0	18.6	20.9	22.2	23.4
12.0	14.6	16.6	17.8	18.9
14.0		11.0	12.0	13.0
16.0		7.5	8.4	9.2
18.0		5.2	5.9	6.7
20.0			4.1	4.9
22.0			2.6	3.4
24.0				2.2
Maximum load without pin	35.0	35.0	35.0	35.0
θ (°)	0 to 79	0 to 84.5	0 to 84.5	0 to 84.5
Extension state (Extension ratio %)				
Telescopic section 1	0	0	0	0
Telescopic section 2	0	0	0	0
Telescopic section 3	0	0	0	45
Telescopic section 4	0	45	90	90
Standard hook block	80t	80t	80t	80t
Hook block weight	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	3	3	3	3
Standard number of parts of line with main winch	3	3	3	3
Maximum load with main winch	35.0	35.0	35.0	35.0

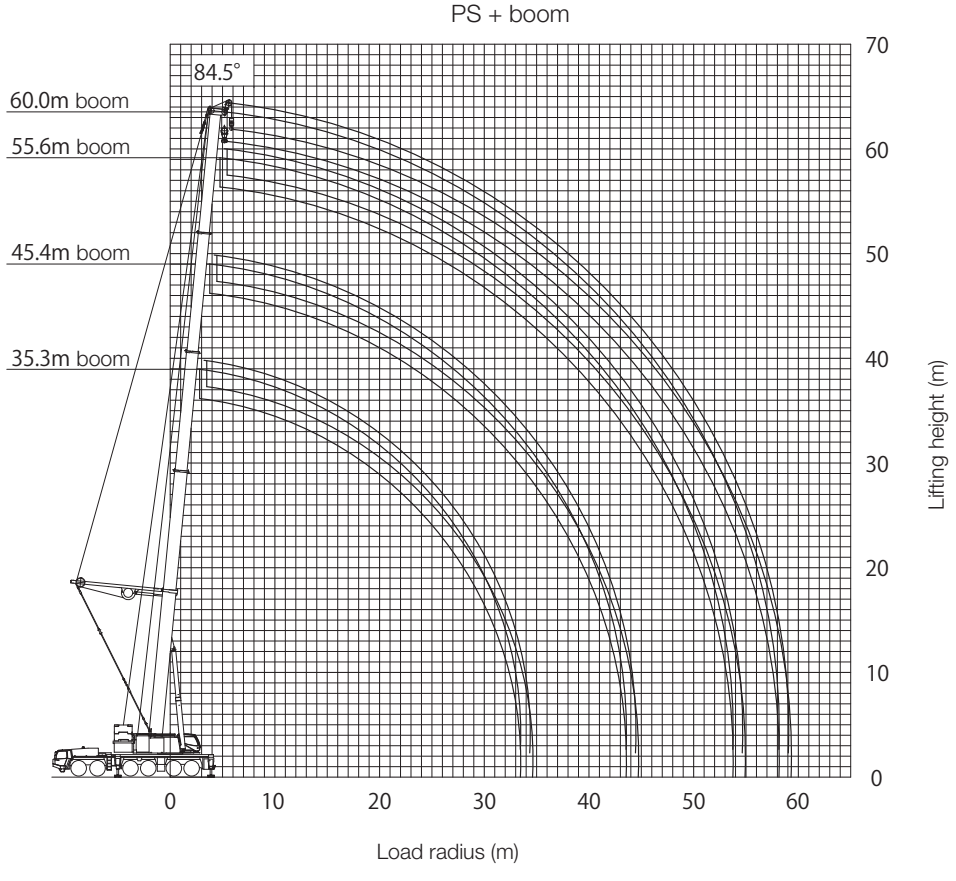
ALL TERRAIN CRANE
ATF400G-6
PS + Boom



PS：Power System

PS + Boom

Working range chart for PS + boom



(Note)

- The above drawing does not consider any boom deflection.
- The above drawing shows the capacity for counterweight 98t and outrigger extension width 8.5m.

Rated lifting capacity table for PS + boom

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t	0 t
8.5 m	○	○	○	○	○	○	○	○
8.0 m		○	○	○	○	○	○	○
6.8 m				○	○	○	○	○

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (200t hook block: 3,200kg, 80t hook block: 1,550kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Counterweight	0 t			138 to 25 t					
Boom length	15.0 m	20.1 m	25.1 m	35.3 m	40.4 m	45.4 m	50.5 m	55.6 m	60.0 m
Telescopic section 1	0	0	0	90	90	90	90	90	100
Telescopic section 2	0	0	0	90	90	90	90	90	100
Telescopic section 3	0	0	0	0	45	90	90	90	100
Telescopic section 4	0	45	90	0	0	0	45	90	100

◆ For the capacity with the counterweight of 138 to 25t, when the boom length is less than 35.3m, the capacity setting is not made. For the capacity with the counterweight of 0t, when the boom length is over 25.1m, the capacity setting is not made. Also, for all capacities, when the B-pins (boom fixing pins) are not inserted, operation is not allowed.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	9	8	7	6	5	4	3	1
Maximum load	101.5t	91.1t	80.5t	69.7t	58.6t	47.4t	35.9t	12.2t

◆ When the single top is used, the number of parts of line is 1 (12.2t hook block used). The rated lifting capacity is the value obtained by subtracting the mass of the hook block attached to the boom from the boom rated lifting capacity, and the upper limit is 12.2t.

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "θ(°)" indicates the boom angle range in which no-load operation is enabled.

◆ "Standard number of parts of line with aux. winch" indicates the standard number of parts of line when the auxiliary winch is used.

◆ "Standard number of parts of line with main winch" indicates the standard number of parts of line when the main winch is used. The number of parts of line may be fewer than that for the auxiliary winch due to the shorter length of wire rope.

◆ "Maximum load with main winch" indicates the upper limit of the rated lifting capacity when the main winch is used.

PS + Boom

Counterweight 138t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
8.0	101.4					
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	79.6	76.8	68.0	58.0	45.0	34.8
12.0	74.6	71.2	68.0	58.0	44.8	34.6
14.0	65.3	62.8	59.9	58.0	44.4	34.2
16.0	58.1	55.6	53.7	51.6	44.0	33.8
18.0	52.4	50.3	48.0	46.8	43.7	33.4
20.0	47.6	45.6	43.9	42.5	41.3	33.0
22.0	43.5	41.6	40.0	39.0	37.7	32.7
24.0	39.6	38.4	36.9	35.8	34.8	32.4
26.0	35.1	35.5	34.1	33.2	32.3	31.3
28.0	30.5	33.0	31.6	30.8	30.0	29.1
30.0	25.6	29.9	29.5	28.9	28.1	27.1
32.0	19.2	26.4	27.6	27.1	26.3	25.5
34.0		22.8	25.7	25.4	24.8	23.8
36.0		18.4	23.0	24.0	23.4	22.6
38.0		11.4	20.1	22.6	22.1	21.3
40.0			16.9	20.6	21.0	20.3
42.0			12.6	18.4	19.9	19.2
44.0				15.9	18.5	18.3
46.0				12.9	16.7	17.4
48.0				8.3	14.7	16.1
50.0					12.5	14.5
52.0					9.5	12.8
54.0						10.9
56.0						8.4
58.0						3.7
θ (°)	4 to 77	5 to 78	4 to 79	5 to 81	6 to 82	6 to 82
Standard hook block	200t		80t			
Hook block weight	3200kg		1550kg			
Standard number of parts of line with aux. winch	9	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 118t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	79.6	76.8	68.0	58.0	45.0	34.8
12.0	74.6	71.2	68.0	58.0	44.8	34.6
14.0	65.3	62.8	59.9	58.0	44.4	34.2
16.0	58.1	55.6	53.7	51.6	44.0	33.8
18.0	52.4	50.3	48.0	46.8	43.7	33.4
20.0	47.6	45.6	43.9	42.5	41.3	33.0
22.0	43.4	41.6	40.0	39.0	37.7	32.7
24.0	38.5	38.4	36.9	35.8	34.8	32.4
26.0	33.9	35.1	34.1	33.2	32.3	31.3
28.0	30.1	31.3	31.6	30.8	30.0	29.1
30.0	25.6	28.0	28.7	28.9	28.1	27.1
32.0	19.2	25.2	25.9	26.8	26.3	25.5
34.0		22.7	23.5	24.3	24.8	23.8
36.0		18.4	21.3	22.2	22.9	22.6
38.0		11.4	19.4	20.3	21.0	21.1
40.0			16.9	18.6	19.3	19.4
42.0			12.6	17.1	17.8	17.9
44.0				15.7	16.4	16.5
46.0				12.9	15.2	15.3
48.0				8.3	14.1	14.1
50.0					12.5	13.1
52.0					9.5	12.2
54.0						10.9
56.0						8.4
58.0						3.7
θ (°)	4 to 83	5 to 83	4 to 84	5 to 84.5	6 to 84.5	6 to 84.5
Standard hook block	200t		80t			
Hook block weight	3200kg		1550kg			
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 118t, outrigger extension width 8.0m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	79.6	76.8	68.0	58.0	45.0	34.8
12.0	74.6	71.2	68.0	58.0	44.8	34.6
14.0	65.3	62.8	59.9	58.0	44.4	34.2
16.0	58.1	55.6	53.7	51.6	44.0	33.8
18.0	52.4	50.3	48.0	46.8	43.7	33.4
20.0	47.6	45.6	43.9	42.5	41.3	33.0
22.0	42.5	41.6	40.0	39.0	37.7	32.7
24.0	37.8	38.4	36.9	35.8	34.8	32.4
26.0	33.3	34.5	34.1	33.2	32.3	31.3
28.0	29.5	30.6	31.4	30.8	30.0	29.1
30.0	25.6	27.3	28.1	28.9	28.1	27.1
32.0	19.2	24.5	25.3	26.2	26.3	25.5
34.0		22.1	22.9	23.8	24.5	23.8
36.0		18.4	20.7	21.6	22.4	22.4
38.0		11.4	18.9	19.7	20.5	20.5
40.0			16.9	18.1	18.8	18.8
42.0			12.6	16.6	17.3	17.3
44.0				15.2	15.9	16.0
46.0				12.9	14.7	14.8
48.0				8.3	13.6	13.6
50.0					12.5	12.6
52.0					9.5	11.7
54.0						10.9
56.0						8.4
58.0						3.7
θ (°)	4 to 82	5 to 82	4 to 83	5 to 84	6 to 84.5	6 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 98t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	79.6	76.8	68.0	58.0	45.0	34.8
12.0	74.6	71.2	68.0	58.0	44.8	34.6
14.0	65.3	62.8	59.9	58.0	44.4	34.2
16.0	58.1	55.6	53.7	51.6	44.0	33.8
18.0	51.2	50.3	48.0	46.8	43.7	33.4
20.0	43.4	44.7	43.9	42.5	41.3	33.0
22.0	37.2	38.5	39.3	39.0	37.7	32.7
24.0	32.3	33.5	34.3	35.3	34.8	32.4
26.0	28.2	29.4	30.2	31.1	31.9	31.3
28.0	24.9	26.0	26.8	27.7	28.5	28.6
30.0	22.0	23.1	23.9	24.8	25.6	25.6
32.0	19.2	20.7	21.4	22.3	23.1	23.1
34.0		18.5	19.3	20.1	20.9	20.9
36.0		16.7	17.4	18.2	19.0	19.0
38.0		11.4	15.7	16.6	17.3	17.4
40.0			14.2	15.1	15.8	15.9
42.0			12.6	13.8	14.5	14.5
44.0				12.6	13.3	13.3
46.0				11.5	12.2	12.2
48.0				8.3	11.2	11.3
50.0					10.2	10.3
52.0					9.3	9.4
54.0						8.5
56.0						7.7
58.0						3.7
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	5 to 84.5	6 to 84.5	6 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 98t, outrigger extension width 8.0m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	79.6	76.8	68.0	58.0	45.0	34.8
12.0	74.6	71.2	68.0	58.0	44.8	34.6
14.0	65.3	62.8	59.9	58.0	44.4	34.2
16.0	58.1	55.6	53.7	51.6	44.0	33.8
18.0	50.2	50.3	48.0	46.8	43.7	33.4
20.0	42.3	43.6	43.9	42.5	41.3	33.0
22.0	36.2	37.5	38.3	39.0	37.7	32.7
24.0	31.3	32.5	33.3	34.3	34.8	32.4
26.0	27.3	28.5	29.2	30.2	31.0	31.1
28.0	23.9	25.1	25.9	26.8	27.6	27.7
30.0	21.1	22.2	23.0	23.9	24.7	24.8
32.0	18.7	19.8	20.5	21.5	22.2	22.3
34.0		17.7	18.4	19.3	20.1	20.1
36.0		15.9	16.6	17.5	18.2	18.3
38.0		11.4	15.0	15.8	16.6	16.6
40.0			13.5	14.4	15.1	15.1
42.0			12.2	13.1	13.8	13.8
44.0				11.9	12.6	12.7
46.0				10.8	11.5	11.6
48.0				8.3	10.6	10.6
50.0					9.6	9.6
52.0					8.6	8.7
54.0						7.9
56.0						7.1
58.0						3.7
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	5 to 84.5	6 to 84.5	6 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 78t, outrigger extension width 8.0m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	79.6	76.8	68.0	58.0	45.0	34.8
12.0	74.6	71.2	68.0	58.0	44.8	34.6
14.0	62.5	62.8	59.9	58.0	44.4	34.2
16.0	49.9	51.4	52.3	51.6	44.0	33.8
18.0	40.9	42.3	43.2	44.3	43.7	33.4
20.0	34.2	35.5	36.4	37.4	38.3	33.0
22.0	28.9	30.2	31.0	32.0	32.9	32.7
24.0	24.8	26.0	26.8	27.8	28.6	28.7
26.0	21.3	22.5	23.3	24.3	25.1	25.2
28.0	18.5	19.7	20.4	21.4	22.2	22.2
30.0	16.1	17.2	18.0	18.9	19.7	19.8
32.0	14.1	15.1	15.9	16.8	17.6	17.6
34.0		13.3	14.1	15.0	15.7	15.8
36.0		11.6	12.5	13.4	14.1	14.2
38.0		10.1	11.0	12.0	12.7	12.8
40.0			9.6	10.7	11.5	11.5
42.0			8.4	9.5	10.3	10.4
44.0				8.3	9.2	9.3
46.0				7.3	8.2	8.3
48.0				6.4	7.3	7.3
50.0					6.4	6.5
52.0					5.6	5.7
54.0						5.0
56.0						4.3
58.0						3.7
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	5 to 84.5	6 to 84.5	6 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 78t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	79.6	76.8	68.0	58.0	45.0	34.8
12.0	74.6	71.2	68.0	58.0	44.8	34.6
14.0	64.0	62.8	59.9	58.0	44.4	34.2
16.0	51.5	52.9	53.7	51.6	44.0	33.8
18.0	42.5	43.9	44.7	45.7	43.7	33.4
20.0	35.7	37.0	37.8	38.8	39.7	33.0
22.0	30.4	31.6	32.5	33.4	34.3	32.7
24.0	26.1	27.3	28.1	29.1	29.9	30.0
26.0	22.6	23.8	24.6	25.5	26.3	26.4
28.0	19.7	20.9	21.6	22.6	23.4	23.4
30.0	17.3	18.4	19.1	20.1	20.8	20.9
32.0	15.2	16.2	17.0	17.9	18.6	18.7
34.0		14.4	15.1	16.0	16.8	16.8
36.0		12.7	13.5	14.4	15.1	15.2
38.0		11.1	12.0	12.9	13.7	13.7
40.0			10.6	11.6	12.4	12.4
42.0			9.3	10.4	11.2	11.3
44.0				9.2	10.1	10.2
46.0				8.2	9.0	9.1
48.0				7.2	8.1	8.2
50.0					7.2	7.3
52.0					6.4	6.5
54.0						5.7
56.0						5.0
58.0						3.7
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	5 to 84.5	6 to 84.5	6 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 78t, outrigger extension width 6.8m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	77.9	76.8	68.0	58.0	45.0	34.8
12.0	67.3	68.9	68.0	58.0	44.8	34.6
14.0	52.1	53.6	54.5	55.6	44.4	34.2
16.0	41.8	43.2	44.0	45.1	44.0	33.8
18.0	34.3	35.6	36.4	37.5	38.3	33.4
20.0	28.6	29.8	30.7	31.7	32.5	32.6
22.0	24.1	25.3	26.1	27.1	27.9	28.0
24.0	20.5	21.7	22.5	23.4	24.2	24.3
26.0	17.6	18.7	19.5	20.4	21.2	21.3
28.0	15.1	16.2	17.0	17.9	18.7	18.7
30.0	12.9	14.1	14.9	15.8	16.5	16.6
32.0	10.9	12.2	13.0	13.9	14.7	14.7
34.0		10.4	11.4	12.3	13.1	13.1
36.0		8.9	9.8	10.9	11.6	11.7
38.0		7.5	8.4	9.5	10.4	10.5
40.0			7.2	8.3	9.2	9.3
42.0			6.1	7.2	8.0	8.1
44.0				6.1	7.0	7.1
46.0				5.2	6.1	6.2
48.0				4.4	5.3	5.4
50.0					4.5	4.6
52.0					3.8	3.9
54.0						3.3
56.0						2.7
θ (°)	4 to 82	5 to 82	4 to 83	5 to 84	6 to 84.5	9 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

PS + Boom

Counterweight 58t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	78.4	76.8	68.0	58.0	45.0	34.8
12.0	67.4	69.0	68.0	58.0	44.8	34.6
14.0	51.8	53.3	54.2	55.4	44.4	34.2
16.0	41.3	42.7	43.6	44.7	44.0	33.8
18.0	33.7	35.0	35.9	36.9	37.8	33.4
20.0	28.0	29.3	30.1	31.1	32.0	32.0
22.0	23.4	24.7	25.6	26.6	27.4	27.4
24.0	19.7	21.0	21.8	22.8	23.6	23.7
26.0	16.8	18.0	18.8	19.7	20.5	20.6
28.0	14.3	15.4	16.2	17.2	18.0	18.0
30.0	12.1	13.3	14.1	15.0	15.8	15.9
32.0	10.0	11.4	12.3	13.2	13.9	14.0
34.0		9.6	10.6	11.6	12.3	12.4
36.0		8.1	9.0	10.2	10.9	11.0
38.0		6.7	7.6	8.8	9.7	9.8
40.0			6.4	7.5	8.5	8.6
42.0			5.3	6.4	7.4	7.4
44.0				5.4	6.4	6.4
46.0				4.6	5.5	5.5
48.0				3.8	4.6	4.7
50.0					3.9	4.0
52.0					3.2	3.3
54.0						2.7
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	5 to 84.5	6 to 84.5	20 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 58t, outrigger extension width 8.0m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	86.3	82.4	68.0	58.0	45.0	34.9
11.0	76.2	76.8	68.0	58.0	45.0	34.8
12.0	65.0	66.7	67.8	58.0	44.8	34.6
14.0	49.4	51.0	51.9	53.1	44.4	34.2
16.0	39.0	40.4	41.3	42.5	43.4	33.8
18.0	31.5	32.9	33.8	34.9	35.8	33.4
20.0	26.0	27.3	28.1	29.2	30.0	30.1
22.0	21.6	22.9	23.7	24.7	25.6	25.6
24.0	18.2	19.4	20.2	21.2	22.0	22.1
26.0	15.4	16.6	17.4	18.3	19.1	19.2
28.0	13.0	14.2	15.0	15.9	16.7	16.8
30.0	10.8	12.2	12.9	13.9	14.6	14.7
32.0	8.9	10.2	11.2	12.1	12.9	12.9
34.0		8.5	9.5	10.6	11.4	11.4
36.0		7.1	8.0	9.1	10.0	10.1
38.0		5.8	6.7	7.8	8.8	8.8
40.0			5.5	6.6	7.6	7.7
42.0			4.5	5.6	6.5	6.6
44.0				4.7	5.6	5.6
46.0				3.8	4.7	4.8
48.0				3.1	3.9	4.0
50.0					3.2	3.3
52.0					2.6	2.7
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	5 to 84.5	6 to 84.5	25 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 58t, outrigger extension width 6.8m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	88.6	84.2	68.0	58.0	45.0	
10.0	73.2	75.0	68.0	58.0	45.0	34.9
11.0	61.8	63.5	64.5	58.0	45.0	34.8
12.0	53.1	54.7	55.7	56.8	44.8	34.6
14.0	40.6	42.1	43.0	44.1	44.4	34.2
16.0	32.1	33.5	34.3	35.4	36.3	33.8
18.0	25.9	27.2	28.1	29.1	30.0	30.0
20.0	21.2	22.5	23.3	24.3	25.1	25.2
22.0	17.5	18.8	19.6	20.5	21.4	21.4
24.0	14.6	15.8	16.6	17.5	18.3	18.4
26.0	12.0	13.3	14.1	15.0	15.8	15.9
28.0	9.7	11.2	12.0	12.9	13.7	13.8
30.0	7.8	9.2	10.1	11.2	11.9	12.0
32.0	6.1	7.5	8.4	9.6	10.4	10.5
34.0		6.0	6.9	8.1	9.0	9.1
36.0		4.7	5.6	6.7	7.7	7.8
38.0		3.6	4.5	5.6	6.5	6.6
40.0			3.5	4.5	5.5	5.5
42.0			2.5	3.6	4.5	4.6
44.0				2.8	3.7	3.8
46.0					2.9	3.0
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	23 to 84.5	30 to 84.5	38 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 47t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	81.9	82.4	68.0	58.0	45.0	34.9
11.0	69.0	70.7	68.0	58.0	45.0	34.8
12.0	59.1	60.8	61.8	58.0	44.8	34.6
14.0	45.1	46.7	47.6	48.7	44.4	34.2
16.0	35.7	37.1	38.0	39.1	40.0	33.8
18.0	28.7	30.1	31.0	32.1	33.0	33.0
20.0	23.4	24.7	25.6	26.6	27.5	27.6
22.0	19.3	20.6	21.4	22.4	23.3	23.3
24.0	16.0	17.3	18.1	19.1	19.9	20.0
26.0	13.4	14.6	15.4	16.3	17.2	17.2
28.0	11.0	12.3	13.1	14.1	14.9	14.9
30.0	8.9	10.3	11.2	12.2	12.9	13.0
32.0	7.1	8.4	9.4	10.5	11.3	11.4
34.0		6.9	7.8	9.0	9.9	9.9
36.0		5.5	6.4	7.6	8.5	8.6
38.0		4.3	5.2	6.3	7.3	7.4
40.0			4.1	5.2	6.2	6.3
42.0			3.2	4.3	5.2	5.3
44.0				3.4	4.3	4.4
46.0				2.6	3.5	3.6
48.0					2.8	2.8
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	14 to 84.5	25 to 84.5	34 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 47t, outrigger extension width 8.0m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	101.4	84.2	68.0	58.0		
9.0	93.8	84.2	68.0	58.0	45.0	
10.0	79.1	81.1	68.0	58.0	45.0	34.9
11.0	65.9	67.8	68.0	58.0	45.0	34.8
12.0	56.1	57.8	58.8	58.0	44.8	34.6
14.0	42.2	43.8	44.7	45.9	44.4	34.2
16.0	33.0	34.5	35.4	36.5	37.4	33.8
18.0	26.4	27.8	28.7	29.7	30.6	30.7
20.0	21.5	22.8	23.7	24.7	25.6	25.6
22.0	17.7	18.9	19.8	20.8	21.6	21.7
24.0	14.6	15.8	16.6	17.6	18.4	18.5
26.0	12.0	13.3	14.1	15.1	15.9	15.9
28.0	9.7	11.1	12.0	12.9	13.7	13.8
30.0	7.7	9.1	10.1	11.1	11.9	11.9
32.0	6.0	7.4	8.3	9.5	10.3	10.4
34.0		5.9	6.8	8.0	8.9	9.0
36.0		4.6	5.5	6.6	7.6	7.7
38.0		3.4	4.3	5.5	6.4	6.5
40.0			3.3	4.4	5.3	5.4
42.0			2.4	3.5	4.4	4.5
44.0				2.7	3.6	3.6
46.0					2.8	2.9
θ (°)	4 to 84.5	5 to 84.5	4 to 84.5	23 to 84.5	30 to 84.5	38 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 47t, outrigger extension width 6.8m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	96.3	84.2	68.0	58.0		
9.0	76.7	78.6	68.0	58.0	45.0	
10.0	63.1	64.9	65.9	58.0	45.0	34.9
11.0	53.1	54.7	55.7	57.0	45.0	34.8
12.0	45.4	47.0	47.9	49.1	44.8	34.6
14.0	34.3	35.8	36.7	37.8	38.8	34.2
16.0	26.8	28.2	29.1	30.1	31.0	31.1
18.0	21.3	22.7	23.5	24.5	25.4	25.5
20.0	17.2	18.5	19.3	20.3	21.1	21.2
22.0	14.0	15.2	16.0	17.0	17.8	17.8
24.0	11.2	12.5	13.3	14.3	15.1	15.1
26.0	8.8	10.2	11.1	12.1	12.9	12.9
28.0	6.7	8.2	9.1	10.2	11.0	11.1
30.0	5.0	6.4	7.4	8.5	9.4	9.5
32.0	3.5	4.9	5.8	7.0	7.9	8.0
34.0		3.6	4.5	5.6	6.6	6.7
36.0		2.4	3.4	4.5	5.4	5.5
38.0				3.4	4.4	4.4
40.0				2.5	3.4	3.5
42.0					2.6	2.7
θ (°)	4 to 84.5	13 to 84.5	32 to 84.5	34 to 84.5	39 to 84.5	44 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 25t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	94.8	84.2	68.0	58.0		
9.0	74.6	76.6	68.0	58.0	45.0	
10.0	60.7	62.6	63.7	58.0	45.0	34.9
11.0	50.6	52.4	53.4	54.7	45.0	34.8
12.0	42.4	44.1	45.2	46.5	44.8	34.6
14.0	31.0	32.6	33.6	34.8	35.8	34.2
16.0	23.5	25.0	25.9	27.0	28.0	28.1
18.0	18.2	19.6	20.5	21.6	22.5	22.5
20.0	14.2	15.6	16.4	17.5	18.3	18.4
22.0	11.1	12.4	13.3	14.3	15.1	15.2
24.0	8.3	9.9	10.8	11.8	12.6	12.7
26.0	6.1	7.6	8.6	9.7	10.5	10.6
28.0	4.2	5.7	6.7	7.9	8.8	8.9
30.0		4.0	5.0	6.2	7.2	7.3
32.0		2.7	3.6	4.8	5.8	5.9
34.0			2.4	3.6	4.5	4.6
36.0				2.5	3.5	3.5
38.0					2.5	
θ (°)	29 to 84.5	31 to 84.5	37 to 84.5	42 to 84.5	45 to 84.5	52 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 25t, outrigger extension width 8.0m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	112.6	84.2	68.0			
8.0	90.3	84.2	68.0	58.0		
9.0	69.6	71.7	68.0	58.0	45.0	
10.0	55.8	57.7	58.9	58.0	45.0	34.9
11.0	45.9	47.7	48.8	50.2	45.0	34.8
12.0	38.6	40.3	41.3	42.6	43.6	34.6
14.0	28.2	29.8	30.7	31.9	32.9	33.0
16.0	21.3	22.8	23.7	24.8	25.7	25.8
18.0	16.4	17.8	18.7	19.7	20.6	20.7
20.0	12.7	14.1	14.9	15.9	16.8	16.9
22.0	9.7	11.2	12.0	13.0	13.8	13.9
24.0	7.1	8.6	9.6	10.6	11.4	11.5
26.0	4.9	6.5	7.5	8.7	9.5	9.6
28.0		4.6	5.6	6.8	7.8	7.9
30.0		3.1	4.1	5.3	6.2	6.3
32.0			2.8	3.9	4.9	5.0
34.0				2.8	3.7	3.8
36.0					2.7	
θ (°)	36 to 84.5	37 to 84.5	41 to 84.5	46 to 84.5	48 to 84.5	55 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

PS + Boom

Counterweight 25t, outrigger extension width 6.8m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	35.3	40.4	45.4	50.5	55.6	60.0
4.0	118.0					
4.5	118.0					
5.0	118.0					
6.0	118.0	84.2				
7.0	90.6	84.2	68.0			
8.0	68.0	70.1	68.0	58.0		
9.0	53.5	55.4	56.5	57.9	45.0	
10.0	43.4	45.2	46.2	47.5	45.0	34.9
11.0	36.0	37.6	38.6	39.9	40.9	34.8
12.0	30.3	31.8	32.8	34.0	35.0	34.6
14.0	22.1	23.5	24.4	25.6	26.5	26.6
16.0	16.5	17.9	18.7	19.8	20.7	20.8
18.0	12.4	13.8	14.6	15.6	16.5	16.5
20.0	9.1	10.6	11.5	12.5	13.3	13.3
22.0	6.4	7.9	8.9	10.0	10.8	10.8
24.0		5.7	6.7	7.9	8.8	8.8
26.0		3.8	4.8	6.0	7.0	7.0
28.0			3.2	4.4	5.4	5.4
30.0					4.0	
θ (°)	46 to 84.5	46 to 84.5	49 to 84.5	55 to 84.5	57 to 84.5	62 to 84.5
Standard hook block	200t	200t	80t	80t	80t	80t
Hook block weight	3200kg	3200kg	1550kg	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	11	8	6	5	4	3
Standard number of parts of line with main winch	8	6	6	5	4	3
Maximum load with main winch	91.1	69.7	68.0	58.0	45.0	34.9

Counterweight 0t, outrigger extension width 8.5m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	15.0	20.1	25.1
3.0	30.0	30.0	30.0
3.5	30.0	30.0	30.0
4.0	30.0	30.0	30.0
4.5	30.0	30.0	30.0
5.0	30.0	30.0	30.0
6.0	30.0	30.0	30.0
7.0	30.0	30.0	30.0
8.0	30.0	30.0	30.0
9.0	30.0	30.0	30.0
10.0	25.2	29.4	29.9
11.0	18.7	23.8	25.0
12.0	13.5	18.8	20.7
14.0		11.7	14.2
16.0		7.1	9.6
18.0		3.2	6.4
20.0			3.8
22.0			1.6
θ (°)	0 to 79	0 to 84.5	0 to 84.5
Standard hook block	80t	80t	80t
Hook block weight	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	3	3	3
Standard number of parts of line with main winch	3	3	3
Maximum load with main winch	30.0	30.0	30.0

Counterweight 0t, outrigger extension width 8.0m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	15.0	20.1	25.1
3.0	30.0	30.0	30.0
3.5	30.0	30.0	30.0
4.0	30.0	30.0	30.0
4.5	30.0	30.0	30.0
5.0	30.0	30.0	30.0
6.0	30.0	30.0	30.0
7.0	30.0	30.0	30.0
8.0	30.0	30.0	30.0
9.0	29.2	30.0	30.0
10.0	21.7	25.8	26.5
11.0	16.4	20.9	22.2
12.0	12.3	16.8	18.7
14.0		10.9	13.2
16.0		6.8	9.2
18.0		3.2	6.3
20.0			3.8
22.0			1.6
θ (°)	0 to 79	0 to 84.5	0 to 84.5
Standard hook block	80t	80t	80t
Hook block weight	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	3	3	3
Standard number of parts of line with main winch	3	3	3
Maximum load with main winch	30.0	30.0	30.0

Counterweight 0t, outrigger extension width 6.8m
PS + boom

Unit: t

Boom length (m) / Load radius (m)	15.0	20.1	25.1
3.0	30.0	30.0	30.0
3.5	30.0	30.0	30.0
4.0	30.0	30.0	30.0
4.5	30.0	30.0	30.0
5.0	30.0	30.0	30.0
6.0	30.0	30.0	30.0
7.0	30.0	30.0	30.0
8.0	26.7	28.8	28.9
9.0	19.9	22.8	23.5
10.0	14.6	18.2	19.3
11.0	10.6	14.7	15.9
12.0	7.0	11.6	13.2
14.0		7.0	9.1
16.0		3.3	6.0
18.0			3.3
20.0			1.2
θ (°)	0 to 79	0 to 84.5	0 to 84.5
Standard hook block	80t	80t	80t
Hook block weight	1550kg	1550kg	1550kg
Standard number of parts of line with aux. winch	3	3	3
Standard number of parts of line with main winch	3	3	3
Maximum load with main winch	30.0	30.0	30.0

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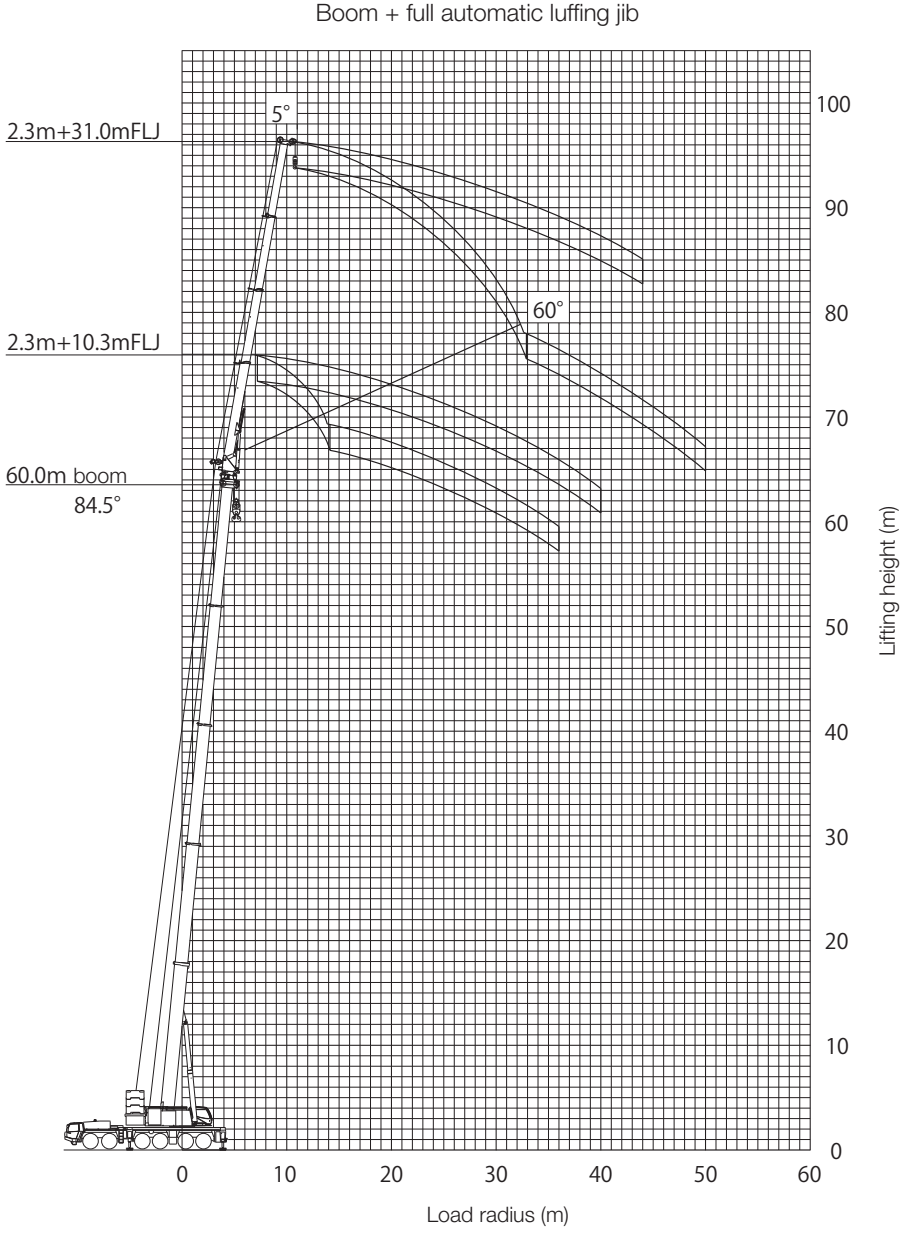
ATF400G-6
Full Automatic Luffing Jib

Full Automatic Luffing Jib

Working range chart for boom + full automatic luffing jib (FLJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 118t and outrigger extension width 8.5m or 8.0m.

Rated lifting capacity table for boom + full automatic luffing jib (FLJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	○	○	○	○	○	○
8.0 m	○	○	○	○	○	○
6.8 m			○	○	○	

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom and jib deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	40.4 m	45.4 m	50.5 m	55.6 m	60.0 m
Telescopic section 1	90	90	90	90	100
Telescopic section 2	90	90	90	90	100
Telescopic section 3	45	90	90	90	100
Telescopic section 4	0	0	45	90	100

◆ The rated lifting capacity when the B-pins (boom fixing pins) are not inserted is 24.9t or less.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	3	2	1
Maximum load	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "Offset" indicates an angle formed between the boom centerline and jib centerline.

◆ "θ (°)" indicates the boom angle range in which no-load operation is enabled.

Full Automatic Luffing Jib

Counterweight 118t, outrigger extension width 8.5m or 8.0m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	19.8	19.2	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	18.3	17.8	17.2	16.8	16.6	16.7	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	17.0	16.5	16.0	15.7	15.5	15.9	15.4	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	15.8	15.4	15.0	14.7	14.6	14.8	14.4	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	13.9	14.2	14.0	13.8		13.9	13.5	12.8	12.1	11.8	12.1	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0	12.1	12.4	12.7	12.9		13.0	12.6	12.2	11.8	11.6	11.7	10.8	9.6	8.8	8.4	8.5	7.5	6.5		
34.0	10.5	10.8	11.1	11.2		11.9	11.9	11.5	11.3	11.2	11.3	10.4	9.3	8.6	8.3	8.1	7.2	6.2		
36.0	9.1	9.4	9.6	9.7		10.5	11.0	10.9	10.7	10.6	10.9	10.0	9.0	8.5	8.2	7.8	6.9	6.1	5.5	
38.0	7.9	8.1	8.3	8.4		9.3	9.7	10.1	10.1		10.2	9.6	8.8	8.3	8.1	7.5	6.7	5.9	5.3	
40.0	6.7	6.9	7.1			8.2	8.5	9.0	9.2		9.1	9.3	8.5	8.1	8.0	7.2	6.5	5.7	5.2	5.0
42.0	5.7	5.9	6.0			7.1	7.5	7.9	8.1		8.1	8.5	8.2	7.9		7.0	6.3	5.5	5.1	5.0
44.0	4.8	4.9	5.0			6.2	6.5	6.9	7.0		7.2	7.7	8.0	7.7		6.7	6.1	5.4	5.0	4.9
46.0	3.9	4.0				5.3	5.6	5.9			6.3	6.8	7.3	7.4		6.5	5.9	5.3	4.9	4.8
48.0	3.1	3.2				4.6	4.8	5.0			5.6	6.0	6.5	6.7		6.3	5.7	5.1	4.8	
50.0						3.8	4.0	4.2			4.9	5.2	5.7	5.9		5.9	5.6	5.0	4.7	
54.0						2.6	2.7				3.6	3.9	4.2			4.6	5.0	4.8	4.6	
58.0											2.5	2.7	2.9			3.5	3.9	4.3		
62.0											1.5	1.7				2.5	2.8	3.1		
66.0																1.7	1.9			
θ (°)	22 to 84.5	23 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	26 to 84.5	28 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	21 to 84.5	24 to 84.5	37 to 84.5	53 to 84.5	69 to 84.5	28 to 84.5	32 to 84.5	44 to 84.5	59 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 118t, outrigger extension width 8.5m or 8.0m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	15.4	14.8	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	14.3	13.8	13.2	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	13.4	12.9	12.4	12.0	11.9	12.2	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	12.2	12.1	11.6	11.3	11.2	11.4	10.9	10.3	9.9	9.7	10.6	10.0	9.4	8.8		8.8	7.7	6.6		
32.0	10.9	10.9	10.8	10.7		10.7	10.2	9.7	9.4	9.2	9.9	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0	9.8	9.8	9.7	9.7		10.0	9.6	9.2	8.9	8.7	9.3	8.9	8.4	8.1	7.9	8.1	7.2	6.2		
36.0	8.4	8.7	8.8	8.7		9.1	9.1	8.7	8.4	8.3	8.8	8.4	7.9	7.7	7.5	7.8	6.9	6.0	5.5	
38.0	7.2	7.4	7.7	7.8		8.2	8.2	8.0	7.8	7.7	8.2	7.9	7.5	7.2	7.0	7.5	6.7	5.8	5.3	
40.0	6.0	6.3	6.5	6.6		7.4	7.4	7.4	7.3		7.5	7.2	6.9	6.7	6.5	7.2	6.5	5.7	5.2	5.0
42.0	5.0	5.2	5.5			6.4	6.7	6.8	6.7		6.9	6.7	6.4	6.2	6.1	6.9	6.3	5.5	5.1	4.9
44.0	4.1	4.3	4.5			5.5	5.8	6.1	6.1		6.2	6.2	5.9	5.8		6.3	6.1	5.4	5.0	4.8
46.0	3.2	3.4	3.5			4.6	5.0	5.4	5.5		5.6	5.7	5.5	5.3		5.8	5.7	5.2	4.9	4.8
48.0	2.5	2.6	2.7			3.8	4.2	4.5	4.6		4.9	5.2	5.1	4.9		5.4	5.2	5.0	4.8	4.7
50.0	1.8	1.9				3.1	3.4	3.7			4.2	4.6	4.7	4.6		5.0	4.8	4.7	4.5	
54.0						1.9	2.1	2.2			2.9	3.3	3.7			3.9	4.1	4.0	3.9	
58.0											1.8	2.1	2.4			2.8	3.3	3.3	3.3	
62.0																1.9	2.3	2.7		
66.0																		1.7		
θ (°)	30 to 84.5	31 to 84.5	36 to 84.5	51 to 84.5	66 to 84.5	36 to 84.5	38 to 84.5	39 to 84.5	50 to 84.5	65 to 84.5	38 to 84.5	42 to 84.5	46 to 84.5	60 to 84.5	71 to 84.5	41 to 84.5	46 to 84.5	44 to 84.5	58 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 118t, outrigger extension width 8.5m or 8.0m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	9.3	9.0	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	8.3	8.1	7.8	7.6	7.5	8.2	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0	7.4	7.2	7.0	6.9	6.7	7.3	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0	6.6	6.4	6.3	6.1		6.5	6.4	6.2	6.1	6.0	6.4	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0	5.8	5.7	5.6	5.5		5.9	5.7	5.6	5.5	5.4	5.7	5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0	5.1	5.1	4.9	4.9		5.2	5.1	5.0	4.9	4.9	5.1	5.0	5.0	4.9	4.8	5.3	5.3	5.1	4.7	
40.0	4.5	4.5	4.4	4.3		4.6	4.6	4.5	4.4	4.4	4.6	4.5	4.5	4.4	4.4	4.8	4.8	4.7	4.5	
42.0	4.0	3.9	3.8	3.8		4.1	4.1	4.0	4.0		4.1	4.0	4.0	4.0	3.9	4.3	4.3	4.3	4.2	4.0
44.0	3.5	3.4	3.4	3.3		3.6	3.6	3.6	3.5		3.6	3.6	3.6	3.6	3.5	3.9	3.9	3.9	3.9	3.7
46.0	2.8	2.9	2.9			3.2	3.1	3.1	3.1		3.2	3.2	3.2	3.2		3.4	3.5	3.5	3.5	3.5
48.0	2.1	2.2	2.4			2.7	2.7	2.7	2.7		2.8	2.8	2.8	2.8		3.0	3.1	3.1	3.1	3.1
50.0		1.5	1.6			2.4	2.4	2.4	2.3		2.4	2.4	2.5	2.5		2.7	2.7	2.8	2.8	2.8
54.0						1.5	1.7	1.7			1.7	1.8	1.8	1.8		2.0	2.1	2.2	2.2	
58.0																	1.5	1.6	1.6	
θ (°)	41 to 84.5	39 to 84.5	40 to 84.5	50 to 84.5	66 to 84.5	41 to 84.5	43 to 84.5	46 to 84.5	52 to 84.5	66 to 84.5	48 to 84.5	52 to 84.5	55 to 84.5	57 to 84.5	70 to 84.5	54 to 84.5	54 to 84.5	59 to 84.5	62 to 84.5	73 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 118t, outrigger extension width 8.5m or 8.0m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0	5.2	5.2	5.2	5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0	4.5	4.5	4.4	4.4	4.3	4.6	4.6	4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0	3.8	3.8	3.8	3.7	3.7	3.9	4.0	4.1	4.1	4.0	4.4	4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0	3.1	3.1	3.2	3.1		3.3	3.4	3.5	3.5	3.5	3.8	3.9	4.0	4.1	4.0	3.9	4.1	4.1		
40.0	2.5	2.6	2.6	2.6		2.8	2.9	3.0	3.0	3.0	3.2	3.4	3.5	3.6	3.6	3.4	3.6	3.7	3.5	
42.0	2.0	2.0	2.1	2.0		2.3	2.4	2.5	2.5	2.5	2.7	2.9	3.0	3.1	3.1	3.0	3.1	3.3	3.2	
44.0	1.5	1.5	1.6	1.6		1.8	1.9	2.0	2.1		2.3	2.4	2.6	2.7	2.7	2.5	2.7	2.9	2.9	2.8
46.0							1.5	1.6	1.6		1.9	2.0	2.2	2.3	2.3	2.1	2.3	2.5	2.6	2.6
48.0											1.5	1.6	1.8	1.9		1.7	1.9	2.1	2.3	2.3
50.0														1.5			1.6	1.8	1.9	2.0
θ (°)	51 to 84.5	53 to 84.5	54 to 84.5	55 to 84.5	64 to 84.5	57 to 84.5	57 to 84.5	60 to 84.5	61 to 84.5	66 to 84.5	58 to 84.5	61 to 84.5	65 to 84.5	66 to 84.5	71 to 84.5	63 to 84.5	64 to 84.5	69 to 84.5	73 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Full Automatic Luffing Jib

Counterweight 118t, outrigger extension width 8.5m or 8.0m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0	4.8	4.8	4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0	4.0	4.1	4.1	4.1	4.0	4.5	4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0	3.3	3.4	3.4	3.4	3.3	3.9	4.0	4.1	4.1	4.1	4.1	4.2	4.4	4.2		4.3	4.4			
36.0	2.7	2.7	2.8	2.8	2.7	3.2	3.3	3.5	3.5	3.5	3.5	3.6	3.8	3.9		3.7	3.9	3.6		
38.0	2.1	2.1	2.2	2.2		2.6	2.8	2.9	3.0	3.0	2.9	3.1	3.3	3.4	3.4	3.2	3.4	3.3		
40.0	1.5	1.6	1.7	1.7		2.1	2.3	2.4	2.5	2.5	2.4	2.6	2.8	3.0	3.0	2.7	2.9	3.0		
42.0						1.6	1.8	1.9	2.0	2.0	1.9	2.1	2.4	2.5	2.5	2.2	2.5	2.7	2.6	
44.0								1.5	1.6		1.5	1.7	2.0	2.1	2.1	1.8	2.0	2.3	2.4	
46.0													1.6	1.7	1.7		1.7	2.0	2.1	2.2
48.0																		1.6	1.8	1.8
50.0																				1.5
θ (°)	59 to 84.5	60 to 84.5	62 to 84.5	63 to 84.5	67 to 84.5	62 to 84.5	64 to 84.5	65 to 84.5	66 to 84.5	69 to 84.5	64 to 84.5	66 to 84.5	69 to 84.5	72 to 84.5	73 to 84.5	68 to 84.5	69 to 84.5	72 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 98t, outrigger extension width 8.5m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	19.8	19.2	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	18.3	17.8	17.2	16.8	16.6	16.7	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	17.0	16.5	16.0	15.7	15.5	15.9	15.4	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	15.8	15.4	15.0	14.7	14.6	14.8	14.4	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	13.9	14.2	14.0	13.8		13.9	13.5	12.8	12.1	11.8	12.1	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0	12.1	12.4	12.7	12.9		13.0	12.6	12.2	11.8	11.6	11.7	10.8	9.6	8.8	8.4	8.5	7.5	6.5		
34.0	10.5	10.8	11.1	11.2		11.9	11.9	11.5	11.3	11.2	11.3	10.4	9.3	8.6	8.3	8.1	7.2	6.2		
36.0	9.1	9.4	9.6	9.7		10.5	11.0	10.9	10.7	10.6	10.9	10.0	9.0	8.5	8.2	7.8	6.9	6.1	5.5	
38.0	7.9	8.1	8.3	8.4		9.3	9.7	10.1	10.1		10.2	9.6	8.8	8.3	8.1	7.5	6.7	5.9	5.3	
40.0	6.4	6.8	7.1			8.2	8.5	9.0	9.2		9.1	9.3	8.5	8.1	8.0	7.2	6.5	5.7	5.2	5.0
42.0	4.9	5.2	5.5			7.1	7.5	7.9	8.1		8.1	8.5	8.2	7.9		7.0	6.3	5.5	5.1	5.0
44.0	3.5	3.8	3.9			6.2	6.5	6.9	7.0		7.2	7.7	8.0	7.7		6.7	6.1	5.4	5.0	4.9
46.0		2.5				5.0	5.6	5.9			6.3	6.8	7.3	7.4		6.5	5.9	5.3	4.9	4.8
48.0						3.9	4.3	4.8			5.6	6.0	6.5	6.7		6.3	5.7	5.1	4.8	
50.0						2.8	3.2	3.5			4.8	5.2	5.7	5.9		5.9	5.6	5.0	4.7	
54.0											3.0	3.5	4.1			4.6	5.0	4.8	4.6	
58.0												1.8	2.1			3.2	3.9	4.3		
62.0																1.8	2.3	2.9		
θ (°)	33 to 84.5	30 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	35 to 84.5	37 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	38 to 84.5	35 to 84.5	37 to 84.5	53 to 84.5	69 to 84.5	35 to 84.5	39 to 84.5	44 to 84.5	59 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 98t, outrigger extension width 8.5m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	15.4	14.8	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	14.3	13.8	13.2	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	13.4	12.9	12.4	12.0	11.9	12.2	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	12.2	12.1	11.6	11.3	11.2	11.4	10.9	10.3	9.9	9.7	10.6	10.0	9.4	8.8		8.8	7.7	6.6		
32.0	10.9	10.9	10.8	10.7		10.7	10.2	9.7	9.4	9.2	9.9	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0	9.8	9.8	9.7	9.7		10.0	9.6	9.2	8.9	8.7	9.3	8.9	8.4	8.1	7.9	8.1	7.2	6.2		
36.0	8.4	8.7	8.8	8.7		9.1	9.1	8.7	8.4	8.3	8.8	8.4	7.9	7.7	7.5	7.8	6.9	6.0	5.5	
38.0	7.2	7.4	7.7	7.8		8.2	8.2	8.0	7.8	7.7	8.2	7.9	7.5	7.2	7.0	7.5	6.7	5.8	5.3	
40.0	6.0	6.3	6.5	6.6		7.4	7.4	7.4	7.3		7.5	7.2	6.9	6.7	6.5	7.2	6.5	5.7	5.2	5.0
42.0	5.0	5.2	5.5			6.4	6.7	6.8	6.7		6.9	6.7	6.4	6.2	6.1	6.9	6.3	5.5	5.1	4.9
44.0	3.6	4.0	4.3			5.5	5.8	6.1	6.1		6.2	6.2	5.9	5.8		6.3	6.1	5.4	5.0	4.8
46.0	2.4	2.7	2.9			4.6	5.0	5.4	5.5		5.6	5.7	5.5	5.3		5.8	5.7	5.2	4.9	4.8
48.0		1.5	1.7			3.7	4.2	4.5	4.6		4.9	5.2	5.1	4.9		5.4	5.2	5.0	4.8	4.7
50.0						2.7	3.2	3.7			4.2	4.6	4.7	4.6		5.0	4.8	4.7	4.5	
54.0								1.5			2.7	3.3	3.7			3.9	4.1	4.0	3.9	
58.0												1.6	2.2			2.8	3.3	3.3	3.3	
62.0																	2.1	2.7		
θ (°)	38 to 84.5	36 to 84.5	36 to 84.5	51 to 84.5	66 to 84.5	42 to 84.5	44 to 84.5	39 to 84.5	50 to 84.5	65 to 84.5	44 to 84.5	42 to 84.5	46 to 84.5	60 to 84.5	71 to 84.5	46 to 84.5	46 to 84.5	50 to 84.5	58 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 98t, outrigger extension width 8.5m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	9.3	9.0	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	8.3	8.1	7.8	7.6	7.5	8.2	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0	7.4	7.2	7.0	6.9	6.7	7.3	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0	6.6	6.4	6.3	6.1		6.5	6.4	6.2	6.1	6.0	6.4	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0	5.8	5.7	5.6	5.5		5.9	5.7	5.6	5.5	5.4	5.7	5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0	5.1	5.1	4.9	4.9		5.2	5.1	5.0	4.9	4.9	5.1	5.0	5.0	4.9	4.8	5.3	5.3	5.1	4.7	
40.0	4.5	4.5	4.4	4.3		4.6	4.6	4.5	4.4	4.4	4.6	4.5	4.5	4.4	4.4	4.8	4.8	4.7	4.5	
42.0	4.0	3.9	3.8	3.8		4.1	4.1	4.0	4.0		4.1	4.0	4.0	4.0	3.9	4.3	4.3	4.3	4.2	4.0
44.0	3.5	3.4	3.4	3.3		3.6	3.6	3.6	3.5		3.6	3.6	3.6	3.6	3.5	3.9	3.9	3.9	3.9	3.7
46.0	2.6	2.9	2.9			3.2	3.1	3.1	3.1		3.2	3.2	3.2	3.2		3.4	3.5	3.5	3.5	3.5
48.0	1.5	1.8	2.1			2.7	2.7	2.7	2.7		2.8	2.8	2.8	2.8		3.0	3.1	3.1	3.1	3.1
50.0						2.4	2.4	2.4	2.3		2.4	2.4	2.5	2.5		2.7	2.7	2.8	2.8	2.8
54.0								1.7			1.7	1.8	1.8	1.8		2.0	2.1	2.2	2.2	
58.0																	1.5	1.6	1.6	
θ (°)	41 to 84.5	43 to 84.5	44 to 84.5	50 to 84.5	66 to 84.5	41 to 84.5	43 to 84.5	46 to 84.5	52 to 84.5	66 to 84.5	48 to 84.5	52 to 84.5	55 to 84.5	57 to 84.5	70 to 84.5	54 to 84.5	54 to 84.5	59 to 84.5	62 to 84.5	73 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Full Automatic Luffing Jib

Counterweight 98t, outrigger extension width 8.5m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0	5.2	5.2	5.2	5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0	4.5	4.5	4.4	4.4	4.3	4.6	4.6	4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0	3.8	3.8	3.8	3.7	3.7	3.9	4.0	4.1	4.1	4.0	4.4	4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0	3.1	3.1	3.2	3.1		3.3	3.4	3.5	3.5	3.5	3.8	3.9	4.0	4.1	4.0	3.9	4.1	4.1		
40.0	2.5	2.6	2.6	2.6		2.8	2.9	3.0	3.0	3.0	3.2	3.4	3.5	3.6	3.6	3.4	3.6	3.7	3.5	
42.0	2.0	2.0	2.1	2.0		2.3	2.4	2.5	2.5	2.5	2.7	2.9	3.0	3.1	3.1	3.0	3.1	3.3	3.2	
44.0	1.5	1.5	1.6	1.6		1.8	1.9	2.0	2.1		2.3	2.4	2.6	2.7	2.7	2.5	2.7	2.9	2.9	2.8
46.0							1.5	1.6	1.6		1.9	2.0	2.2	2.3	2.3	2.1	2.3	2.5	2.6	2.6
48.0											1.5	1.6	1.8	1.9		1.7	1.9	2.1	2.3	2.3
50.0														1.5			1.6	1.8	1.9	2.0
θ (°)	51 to 84.5	53 to 84.5	54 to 84.5	55 to 84.5	64 to 84.5	57 to 84.5	57 to 84.5	60 to 84.5	61 to 84.5	66 to 84.5	58 to 84.5	61 to 84.5	65 to 84.5	66 to 84.5	71 to 84.5	63 to 84.5	64 to 84.5	69 to 84.5	73 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 98t, outrigger extension width 8.5m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0	4.8	4.8	4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0	4.0	4.1	4.1	4.1	4.0	4.5	4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0	3.3	3.4	3.4	3.4	3.3	3.9	4.0	4.1	4.1	4.1	4.1	4.2	4.4	4.2		4.3	4.4			
36.0	2.7	2.7	2.8	2.8	2.7	3.2	3.3	3.5	3.5	3.5	3.5	3.6	3.8	3.9		3.7	3.9	3.6		
38.0	2.1	2.1	2.2	2.2		2.6	2.8	2.9	3.0	3.0	2.9	3.1	3.3	3.4	3.4	3.2	3.4	3.3		
40.0	1.5	1.6	1.7	1.7		2.1	2.3	2.4	2.5	2.5	2.4	2.6	2.8	3.0	3.0	2.7	2.9	3.0		
42.0						1.6	1.8	1.9	2.0	2.0	1.9	2.1	2.4	2.5	2.5	2.2	2.5	2.7	2.6	
44.0								1.5	1.6		1.5	1.7	2.0	2.1	2.1	1.8	2.0	2.3	2.4	
46.0													1.6	1.7	1.7		1.7	2.0	2.1	2.2
48.0																		1.6	1.8	1.8
50.0																				1.5
θ (°)	59 to 84.5	60 to 84.5	62 to 84.5	63 to 84.5	67 to 84.5	62 to 84.5	64 to 84.5	65 to 84.5	66 to 84.5	69 to 84.5	64 to 84.5	66 to 84.5	69 to 84.5	72 to 84.5	73 to 84.5	68 to 84.5	69 to 84.5	72 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 98t, outrigger extension width 8.0m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	19.8	19.2	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	18.3	17.8	17.2	16.8	16.6	16.7	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	17.0	16.5	16.0	15.7	15.5	15.9	15.4	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	15.8	15.4	15.0	14.7	14.6	14.8	14.4	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	13.9	14.2	14.0	13.8		13.9	13.5	12.8	12.1	11.8	12.1	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0	12.1	12.4	12.7	12.9		13.0	12.6	12.2	11.8	11.6	11.7	10.8	9.6	8.8	8.4	8.5	7.5	6.5		
34.0	10.5	10.8	11.1	11.2		11.9	11.9	11.5	11.3	11.2	11.3	10.4	9.3	8.6	8.3	8.1	7.2	6.2		
36.0	9.1	9.4	9.6	9.7		10.5	11.0	10.9	10.7	10.6	10.9	10.0	9.0	8.5	8.2	7.8	6.9	6.1	5.5	
38.0	7.2	7.7	8.2	8.3		9.3	9.7	10.1	10.1		10.2	9.6	8.8	8.3	8.1	7.5	6.7	5.9	5.3	
40.0	5.6	6.0	6.3			8.2	8.5	9.0	9.2		9.1	9.3	8.5	8.1	8.0	7.2	6.5	5.7	5.2	5.0
42.0	4.1	4.4	4.7			6.9	7.5	7.9	8.1		8.1	8.5	8.2	7.9		7.0	6.3	5.5	5.1	5.0
44.0	2.8	3.1	3.2			5.5	6.2	6.9	7.0		7.2	7.7	8.0	7.7		6.7	6.1	5.4	5.0	4.9
46.0						4.3	4.9	5.5			6.3	6.8	7.3	7.4		6.5	5.9	5.3	4.9	4.8
48.0						3.2	3.7	4.1			5.2	6.0	6.5	6.7		6.3	5.7	5.1	4.8	
50.0						2.2	2.6	2.9			4.2	4.9	5.7	5.9		5.9	5.6	5.0	4.7	
54.0											2.4	2.9	3.6			4.2	5.0	4.8	4.6	
58.0													1.5			2.6	3.3	4.2		
62.0																	1.8	2.4		
θ (°)	33 to 84.5	35 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	35 to 84.5	37 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	38 to 84.5	42 to 84.5	37 to 84.5	53 to 84.5	69 to 84.5	41 to 84.5	39 to 84.5	44 to 84.5	59 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 98t, outrigger extension width 8.0m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	15.4	14.8	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	14.3	13.8	13.2	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	13.4	12.9	12.4	12.0	11.9	12.2	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	12.2	12.1	11.6	11.3	11.2	11.4	10.9	10.3	9.9	9.7	10.6	10.0	9.4	8.8		8.8	7.7	6.6		
32.0	10.9	10.9	10.8	10.7		10.7	10.2	9.7	9.4	9.2	9.9	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0	9.8	9.8	9.7	9.7		10.0	9.6	9.2	8.9	8.7	9.3	8.9	8.4	8.1	7.9	8.1	7.2	6.2		
36.0	8.4	8.7	8.8	8.7		9.1	9.1	8.7	8.4	8.3	8.8	8.4	7.9	7.7	7.5	7.8	6.9	6.0	5.5	
38.0	7.2	7.4	7.7	7.8		8.2	8.2	8.0	7.8	7.7	8.2	7.9	7.5	7.2	7.0	7.5	6.7	5.8	5.3	
40.0	5.7	6.2	6.5	6.6		7.4	7.4	7.4	7.3		7.5	7.2	6.9	6.7	6.5	7.2	6.5	5.7	5.2	5.0
42.0	4.2	4.6	5.0			6.4	6.7	6.8	6.7		6.9	6.7	6.4	6.2	6.1	6.9	6.3	5.5	5.1	4.9
44.0	2.9	3.2	3.5			5.4	5.8	6.1	6.1		6.2	6.2	5.9	5.8		6.3	6.1	5.4	5.0	4.8
46.0	1.7	2.0	2.2			4.2	4.8	5.4	5.5		5.6	5.7	5.5	5.3		5.8	5.7	5.2	4.9	4.8
48.0						3.0	3.6	4.3	4.5		4.9	5.2	5.1	4.9		5.4	5.2	5.0	4.8	4.7
50.0						2.0	2.5	3.1			3.9	4.6	4.7	4.6		5.0	4.8	4.7	4.5	
54.0											2.1	2.8	3.6			3.9	4.1	4.0	3.9	
58.0													1.7			2.3	3.1	3.3	3.3	
62.0																	1.6	2.4		
θ (°)	38 to 84.5	39 to 84.5	40 to 84.5	51 to 84.5	66 to 84.5	42 to 84.5	44 to 84.5	46 to 84.5	50 to 84.5	65 to 84.5	44 to 84.5	48 to 84.5	46 to 84.5	60 to 84.5	71 to 84.5	46 to 84.5	46 to 84.5	50 to 84.5	58 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Full Automatic Luffing Jib

Counterweight 98t, outrigger extension width 8.0m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	9.3	9.0	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	8.3	8.1	7.8	7.6	7.5	8.2	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0	7.4	7.2	7.0	6.9	6.7	7.3	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0	6.6	6.4	6.3	6.1		6.5	6.4	6.2	6.1	6.0	6.4	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0	5.8	5.7	5.6	5.5		5.9	5.7	5.6	5.5	5.4	5.7	5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0	5.1	5.1	4.9	4.9		5.2	5.1	5.0	4.9	4.9	5.1	5.0	5.0	4.9	4.8	5.3	5.3	5.1	4.7	
40.0	4.5	4.5	4.4	4.3		4.6	4.6	4.5	4.4	4.4	4.6	4.5	4.5	4.4	4.4	4.8	4.8	4.7	4.5	
42.0	4.0	3.9	3.8	3.8		4.1	4.1	4.0	4.0		4.1	4.0	4.0	4.0	3.9	4.3	4.3	4.3	4.2	4.0
44.0	3.1	3.4	3.4	3.3		3.6	3.6	3.6	3.5		3.6	3.6	3.6	3.6	3.5	3.9	3.9	3.9	3.9	3.7
46.0	1.9	2.2	2.6			3.2	3.1	3.1	3.1		3.2	3.2	3.2	3.2		3.4	3.5	3.5	3.5	3.5
48.0						2.7	2.7	2.7	2.7		2.8	2.8	2.8	2.8		3.0	3.1	3.1	3.1	3.1
50.0						2.1	2.4	2.4	2.3		2.4	2.4	2.5	2.5		2.7	2.7	2.8	2.8	2.8
54.0											1.7	1.8	1.8	1.8		2.0	2.1	2.2	2.2	
58.0																	1.5	1.6	1.6	
θ (°)	44 to 84.5	46 to 84.5	47 to 84.5	50 to 84.5	66 to 84.5	46 to 84.5	49 to 84.5	51 to 84.5	52 to 84.5	66 to 84.5	48 to 84.5	52 to 84.5	55 to 84.5	57 to 84.5	70 to 84.5	54 to 84.5	54 to 84.5	59 to 84.5	62 to 84.5	73 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 98t, outrigger extension width 8.0m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0	5.2	5.2	5.2	5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0	4.5	4.5	4.4	4.4	4.3	4.6	4.6	4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0	3.8	3.8	3.8	3.7	3.7	3.9	4.0	4.1	4.1	4.0	4.4	4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0	3.1	3.1	3.2	3.1		3.3	3.4	3.5	3.5	3.5	3.8	3.9	4.0	4.1	4.0	3.9	4.1	4.1		
40.0	2.5	2.6	2.6	2.6		2.8	2.9	3.0	3.0	3.0	3.2	3.4	3.5	3.6	3.6	3.4	3.6	3.7	3.5	
42.0	2.0	2.0	2.1	2.0		2.3	2.4	2.5	2.5	2.5	2.7	2.9	3.0	3.1	3.1	3.0	3.1	3.3	3.2	
44.0	1.5	1.5	1.6	1.6		1.8	1.9	2.0	2.1		2.3	2.4	2.6	2.7	2.7	2.5	2.7	2.9	2.9	2.8
46.0							1.5	1.6	1.6		1.9	2.0	2.2	2.3	2.3	2.1	2.3	2.5	2.6	2.6
48.0											1.5	1.6	1.8	1.9		1.7	1.9	2.1	2.3	2.3
50.0														1.5			1.6	1.8	1.9	2.0
θ (°)	51 to 84.5	53 to 84.5	54 to 84.5	55 to 84.5	64 to 84.5	57 to 84.5	57 to 84.5	60 to 84.5	61 to 84.5	66 to 84.5	58 to 84.5	61 to 84.5	65 to 84.5	66 to 84.5	71 to 84.5	63 to 84.5	64 to 84.5	69 to 84.5	73 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 98t, outrigger extension width 8.0m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0	4.8	4.8	4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0	4.0	4.1	4.1	4.1	4.0	4.5	4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0	3.3	3.4	3.4	3.4	3.3	3.9	4.0	4.1	4.1	4.1	4.1	4.2	4.4	4.2		4.3	4.4			
36.0	2.7	2.7	2.8	2.8	2.7	3.2	3.3	3.5	3.5	3.5	3.5	3.6	3.8	3.9		3.7	3.9	3.6		
38.0	2.1	2.1	2.2	2.2		2.6	2.8	2.9	3.0	3.0	2.9	3.1	3.3	3.4	3.4	3.2	3.4	3.3		
40.0	1.5	1.6	1.7	1.7		2.1	2.3	2.4	2.5	2.5	2.4	2.6	2.8	3.0	3.0	2.7	2.9	3.0		
42.0						1.6	1.8	1.9	2.0	2.0	1.9	2.1	2.4	2.5	2.5	2.2	2.5	2.7	2.6	
44.0								1.5	1.6		1.5	1.7	2.0	2.1	2.1	1.8	2.0	2.3	2.4	
46.0													1.6	1.7	1.7		1.7	2.0	2.1	2.2
48.0																		1.6	1.8	1.8
50.0																				1.5
θ (°)	59 to 84.5	60 to 84.5	62 to 84.5	63 to 84.5	67 to 84.5	62 to 84.5	64 to 84.5	65 to 84.5	66 to 84.5	69 to 84.5	64 to 84.5	66 to 84.5	69 to 84.5	72 to 84.5	73 to 84.5	68 to 84.5	69 to 84.5	72 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 78t, outrigger extension width 8.5m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	19.8	19.2	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	18.3	17.8	17.2	16.8	16.6	16.7	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	17.0	16.5	16.0	15.7	15.5	15.9	15.4	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	14.8	15.4	15.0	14.7	14.6	14.8	14.4	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	12.0	12.8	13.8	13.8		13.9	13.5	12.8	12.1	11.8	12.1	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0	9.5	10.3	11.1	11.5		12.5	12.6	12.2	11.8	11.6	11.7	10.8	9.6	8.8	8.4	8.5	7.5	6.5		
34.0	7.4	8.1	8.8	9.1		10.4	11.5	11.5	11.3	11.2	11.3	10.4	9.3	8.6	8.3	8.1	7.2	6.2		
36.0	5.6	6.1	6.7	6.9		8.5	9.5	10.8	10.7	10.6	10.6	10.0	9.0	8.5	8.2	7.8	6.9	6.1	5.5	
38.0	4.0	4.4	4.9	5.0		6.8	7.7	8.9	9.6		8.9	9.6	8.8	8.3	8.1	7.5	6.7	5.9	5.3	
40.0	2.5	2.9	3.3			5.3	6.2	7.2	7.7		7.4	8.6	8.5	8.1	8.0	7.2	6.5	5.7	5.2	5.0
42.0						4.0	4.7	5.6	6.0		6.1	7.2	8.2	7.9		7.0	6.3	5.5	5.1	5.0
44.0						2.8	3.4	4.2	4.4		4.8	5.9	7.2	7.7		6.7	6.1	5.4	5.0	4.9
46.0						1.7	2.3	2.9			3.7	4.7	5.8	6.6		5.6	5.9	5.3	4.9	4.8
48.0								1.6			2.7	3.6	4.6	5.2		4.6	5.7	5.1	4.8	
50.0											1.8	2.6	3.4	3.9		3.7	4.7	5.0	4.7	
54.0																2.0	2.9	4.0	4.6	
58.0																		2.2		
θ (°)	41 to 84.5	43 to 84.5	44 to 84.5	48 to 84.5	64 to 84.5	42 to 84.5	44 to 84.5	44 to 84.5	52 to 84.5	65 to 84.5	44 to 84.5	48 to 84.5	51 to 84.5	53 to 84.5	69 to 84.5	46 to 84.5	50 to 84.5	50 to 84.5	59 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Full Automatic Luffing Jib

Counterweight 78t, outrigger extension width 8.5m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	15.4	14.8	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	14.3	13.8	13.2	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	13.4	12.9	12.4	12.0	11.9	12.2	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	12.1	12.1	11.6	11.3	11.2	11.4	10.9	10.3	9.9	9.7	10.6	10.0	9.4	8.8		8.8	7.7	6.6		
32.0	9.7	10.4	10.8	10.7		10.7	10.2	9.7	9.4	9.2	9.9	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0	7.6	8.2	9.0	9.5		10.0	9.6	9.2	8.9	8.7	9.3	8.9	8.4	8.1	7.9	8.1	7.2	6.2		
36.0	5.7	6.3	7.0	7.3		8.3	9.1	8.7	8.4	8.3	8.8	8.4	7.9	7.7	7.5	7.8	6.9	6.0	5.5	
38.0	4.1	4.6	5.2	5.4		6.7	7.7	8.0	7.8	7.7	8.2	7.9	7.5	7.2	7.0	7.5	6.7	5.8	5.3	
40.0	2.6	3.1	3.6	3.7		5.2	6.1	7.2	7.3		7.1	7.2	6.9	6.7	6.5	7.2	6.5	5.7	5.2	5.0
42.0		1.7	2.1			3.8	4.7	5.6	6.2		5.8	6.7	6.4	6.2	6.1	6.9	6.3	5.5	5.1	4.9
44.0						2.6	3.4	4.2	4.7		4.6	5.7	5.9	5.8		6.3	6.1	5.4	5.0	4.8
46.0							2.2	3.0	3.3		3.5	4.5	5.5	5.3		5.3	5.7	5.2	4.9	4.8
48.0								1.8			2.4	3.4	4.5	4.9		4.3	5.2	5.0	4.8	4.7
50.0												2.4	3.4	4.0		3.3	4.5	4.7	4.5	
54.0																	2.6	3.9	3.9	
58.0																		2.1	2.7	
θ (°)	48 to 84.5	46 to 84.5	47 to 84.5	51 to 84.5	66 to 84.5	50 to 84.5	50 to 84.5	50 to 84.5	53 to 84.5	65 to 84.5	51 to 84.5	53 to 84.5	57 to 84.5	60 to 84.5	71 to 84.5	54 to 84.5	55 to 84.5	55 to 84.5	58 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 78t, outrigger extension width 8.5m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	9.3	9.0	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	8.3	8.1	7.8	7.6	7.5	8.2	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0	7.4	7.2	7.0	6.9	6.7	7.3	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0	6.6	6.4	6.3	6.1		6.5	6.4	6.2	6.1	6.0	6.4	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0	5.8	5.7	5.6	5.5		5.9	5.7	5.6	5.5	5.4	5.7	5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0	4.2	4.8	4.9	4.9		5.2	5.1	5.0	4.9	4.9	5.1	5.0	5.0	4.9	4.8	5.3	5.3	5.1	4.7	
40.0	2.8	3.3	3.9	4.1		4.6	4.6	4.5	4.4	4.4	4.6	4.5	4.5	4.4	4.4	4.8	4.8	4.7	4.5	
42.0			2.4	2.6		3.9	4.1	4.0	4.0		4.1	4.0	4.0	4.0	3.9	4.3	4.3	4.3	4.2	4.0
44.0						2.7	3.5	3.6	3.5		3.6	3.6	3.6	3.6	3.5	3.9	3.9	3.9	3.9	3.7
46.0								3.1	3.1		3.2	3.2	3.2	3.2		3.4	3.5	3.5	3.5	3.5
48.0									2.4			2.8	2.8	2.8		3.0	3.1	3.1	3.1	3.1
50.0													2.5	2.5		2.7	2.7	2.8	2.8	2.8
54.0																	2.1	2.2	2.2	
58.0																			1.6	
θ (°)	52 to 84.5	54 to 84.5	53 to 84.5	54 to 84.5	66 to 84.5	53 to 84.5	56 to 84.5	56 to 84.5	55 to 84.5	66 to 84.5	56 to 84.5	58 to 84.5	60 to 84.5	62 to 84.5	70 to 84.5	57 to 84.5	58 to 84.5	63 to 84.5	62 to 84.5	73 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 78t, outrigger extension width 8.5m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0	5.2	5.2	5.2	5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0	4.5	4.5	4.4	4.4	4.3	4.6	4.6	4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0	3.8	3.8	3.8	3.7	3.7	3.9	4.0	4.1	4.1	4.0	4.4	4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0	3.1	3.1	3.2	3.1		3.3	3.4	3.5	3.5	3.5	3.8	3.9	4.0	4.1	4.0	3.9	4.1	4.1		
40.0	2.5	2.6	2.6	2.6		2.8	2.9	3.0	3.0	3.0	3.2	3.4	3.5	3.6	3.6	3.4	3.6	3.7	3.5	
42.0				2.0		2.3	2.4	2.5	2.5	2.5	2.7	2.9	3.0	3.1	3.1	3.0	3.1	3.3	3.2	
44.0							1.9	2.0	2.1		2.3	2.4	2.6	2.7	2.7	2.5	2.7	2.9	2.9	2.8
46.0								1.6	1.6		1.9	2.0	2.2	2.3	2.3	2.1	2.3	2.5	2.6	2.6
48.0												1.6	1.8	1.9		1.7	1.9	2.1	2.3	2.3
50.0														1.5			1.6	1.8	1.9	2.0
θ (°)	56 to 84.5	57 to 84.5	59 to 84.5	57 to 84.5	64 to 84.5	58 to 84.5	59 to 84.5	60 to 84.5	61 to 84.5	66 to 84.5	60 to 84.5	61 to 84.5	65 to 84.5	66 to 84.5	71 to 84.5	63 to 84.5	64 to 84.5	69 to 84.5	73 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 78t, outrigger extension width 8.5m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0	4.8	4.8	4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0	4.0	4.1	4.1	4.1	4.0	4.5	4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0	3.3	3.4	3.4	3.4	3.3	3.9	4.0	4.1	4.1	4.1	4.1	4.2	4.4	4.2		4.3	4.4			
36.0	2.7	2.7	2.8	2.8	2.7	3.2	3.3	3.5	3.5	3.5	3.5	3.6	3.8	3.9		3.7	3.9	3.6		
38.0	2.1	2.1	2.2	2.2		2.6	2.8	2.9	3.0	3.0	2.9	3.1	3.3	3.4	3.4	3.2	3.4	3.3		
40.0			1.7	1.7		2.1	2.3	2.4	2.5	2.5	2.4	2.6	2.8	3.0	3.0	2.7	2.9	3.0		
42.0						1.6	1.8	1.9	2.0	2.0	1.9	2.1	2.4	2.5	2.5	2.2	2.5	2.7	2.6	
44.0								1.5	1.6		1.5	1.7	2.0	2.1	2.1	1.8	2.0	2.3	2.4	
46.0													1.6	1.7	1.7		1.7	2.0	2.1	2.2
48.0																		1.6	1.8	1.8
50.0																				1.5
θ (°)	61 to 84.5	62 to 84.5	62 to 84.5	63 to 84.5	67 to 84.5	62 to 84.5	64 to 84.5	65 to 84.5	66 to 84.5	69 to 84.5	64 to 84.5	66 to 84.5	69 to 84.5	72 to 84.5	73 to 84.5	68 to 84.5	69 to 84.5	72 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Full Automatic Luffing Jib

Counterweight 78t, outrigger extension width 8.0m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	19.8	19.2	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	18.3	17.8	17.2	16.8	16.6	16.7	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	16.7	16.5	16.0	15.7	15.5	15.9	15.4	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	13.5	14.4	15.0	14.7	14.6	14.8	14.4	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	10.7	11.6	12.5	13.1		13.8	13.5	12.8	12.1	11.8	12.1	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0	8.4	9.1	9.9	10.4		11.4	12.6	12.2	11.8	11.6	11.7	10.8	9.6	8.8	8.4	8.5	7.5	6.5		
34.0	6.3	6.9	7.7	8.0		9.3	10.5	11.5	11.3	11.2	11.3	10.4	9.3	8.6	8.3	8.1	7.2	6.2		
36.0	4.5	5.1	5.7	5.9		7.4	8.5	9.8	10.7	10.6	9.6	10.0	9.0	8.5	8.2	7.8	6.9	6.1	5.5	
38.0	2.9	3.4	3.9	4.0		5.8	6.8	7.9	8.6		7.9	9.3	8.8	8.3	8.1	7.5	6.7	5.9	5.3	
40.0						4.4	5.2	6.2	6.8		6.5	7.7	8.5	8.1	8.0	7.2	6.5	5.7	5.2	5.0
42.0						3.1	3.8	4.7	5.1		5.2	6.3	7.8	7.9		7.0	6.3	5.5	5.1	5.0
44.0						1.9	2.6	3.3	3.6		4.0	5.0	6.3	7.2		5.9	6.1	5.4	5.0	4.9
46.0								2.0			2.9	3.8	5.0	5.7		4.8	5.9	5.3	4.9	4.8
48.0											1.9	2.8	3.8	4.4		3.8	5.0	5.1	4.8	
50.0												1.8	2.7	3.1		2.9	4.0	5.0	4.7	
54.0																	2.2	3.3	4.0	
θ (°)	45 to 84.5	46 to 84.5	48 to 84.5	48 to 84.5	64 to 84.5	45 to 84.5	47 to 84.5	47 to 84.5	52 to 84.5	65 to 84.5	46 to 84.5	48 to 84.5	51 to 84.5	53 to 84.5	69 to 84.5	50 to 84.5	50 to 84.5	56 to 84.5	59 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 78t, outrigger extension width 8.0m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	15.4	14.8	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	14.3	13.8	13.2	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	13.4	12.9	12.4	12.0	11.9	12.2	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	10.9	11.7	11.6	11.3	11.2	11.4	10.9	10.3	9.9	9.7	10.6	10.0	9.4	8.8		8.8	7.7	6.6		
32.0	8.5	9.3	10.2	10.7		10.7	10.2	9.7	9.4	9.2	9.9	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0	6.4	7.1	7.9	8.4		9.1	9.6	9.2	8.9	8.7	9.3	8.9	8.4	8.1	7.9	8.1	7.2	6.2		
36.0	4.6	5.3	5.9	6.3		7.3	8.4	8.7	8.4	8.3	8.8	8.4	7.9	7.7	7.5	7.8	6.9	6.0	5.5	
38.0	3.1	3.6	4.2	4.4		5.6	6.7	7.9	7.8	7.7	7.6	7.9	7.5	7.2	7.0	7.5	6.7	5.8	5.3	
40.0		2.1	2.6	2.8		4.2	5.1	6.2	7.0		6.2	7.2	6.9	6.7	6.5	7.2	6.5	5.7	5.2	5.0
42.0						2.9	3.7	4.7	5.3		4.9	6.1	6.4	6.2	6.1	6.8	6.3	5.5	5.1	4.9
44.0							2.5	3.4	3.8		3.7	4.8	5.9	5.8		5.6	6.1	5.4	5.0	4.8
46.0									2.5		2.6	3.6	4.9	5.3		4.5	5.7	5.2	4.9	4.8
48.0												2.6	3.7	4.5		3.5	4.7	5.0	4.8	4.7
50.0													2.6	3.3		2.6	3.7	4.7	4.5	
54.0																		3.2	3.9	
θ (°)	51 to 84.5	49 to 84.5	50 to 84.5	51 to 84.5	66 to 84.5	53 to 84.5	52 to 84.5	55 to 84.5	53 to 84.5	65 to 84.5	53 to 84.5	55 to 84.5	57 to 84.5	60 to 84.5	71 to 84.5	54 to 84.5	59 to 84.5	60 to 84.5	63 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 78t, outrigger extension width 8.0m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	9.3	9.0	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	8.3	8.1	7.8	7.6	7.5	8.2	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0	7.4	7.2	7.0	6.9	6.7	7.3	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0	6.6	6.4	6.3	6.1		6.5	6.4	6.2	6.1	6.0	6.4	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0	4.8	5.4	5.6	5.5		5.9	5.7	5.6	5.5	5.4	5.7	5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0	3.2	3.8	4.5	4.8		5.2	5.1	5.0	4.9	4.9	5.1	5.0	5.0	4.9	4.8	5.3	5.3	5.1	4.7	
40.0			2.9	3.2		4.3	4.6	4.5	4.4	4.4	4.6	4.5	4.5	4.4	4.4	4.8	4.8	4.7	4.5	
42.0						3.0	3.9	4.0	4.0		4.1	4.0	4.0	4.0	3.9	4.3	4.3	4.3	4.2	4.0
44.0								3.6	3.5		3.6	3.6	3.6	3.6	3.5	3.9	3.9	3.9	3.9	3.7
46.0									2.9			3.2	3.2	3.2		3.4	3.5	3.5	3.5	3.5
48.0													2.8	2.8		3.0	3.1	3.1	3.1	3.1
50.0														2.5			2.7	2.8	2.8	2.8
54.0																		2.2	2.2	
θ (°)	54 to 84.5	56 to 84.5	55 to 84.5	56 to 84.5	66 to 84.5	55 to 84.5	58 to 84.5	58 to 84.5	58 to 84.5	66 to 84.5	58 to 84.5	60 to 84.5	62 to 84.5	62 to 84.5	70 to 84.5	59 to 84.5	62 to 84.5	63 to 84.5	66 to 84.5	73 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 78t, outrigger extension width 8.0m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0	5.2	5.2	5.2	5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0	4.5	4.5	4.4	4.4	4.3	4.6	4.6	4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0	3.8	3.8	3.8	3.7	3.7	3.9	4.0	4.1	4.1	4.0	4.4	4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0	3.1	3.1	3.2	3.1		3.3	3.4	3.5	3.5	3.5	3.8	3.9	4.0	4.1	4.0	3.9	4.1	4.1		
40.0				2.6		2.8	2.9	3.0	3.0	3.0	3.2	3.4	3.5	3.6	3.6	3.4	3.6	3.7	3.5	
42.0							2.4	2.5	2.5	2.5	2.7	2.9	3.0	3.1	3.1	3.0	3.1	3.3	3.2	
44.0								2.0	2.1		2.3	2.4	2.6	2.7	2.7	2.5	2.7	2.9	2.9	2.8
46.0												2.0	2.2	2.3	2.3	2.1	2.3	2.5	2.6	2.6
48.0													1.8	1.9			1.9	2.1	2.3	2.3
50.0														1.5			1.6	1.8	1.9	2.0
θ (°)	58 to 84.5	59 to 84.5	61 to 84.5	60 to 84.5	64 to 84.5	60 to 84.5	61 to 84.5	62 to 84.5	64 to 84.5	66 to 84.5	62 to 84.5	63 to 84.5	65 to 84.5	66 to 84.5	71 to 84.5	64 to 84.5	64 to 84.5	69 to 84.5	73 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Full Automatic Luffing Jib

Counterweight 78t, outrigger extension width 8.0m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0	4.8	4.8	4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0	4.0	4.1	4.1	4.1	4.0	4.5	4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0	3.3	3.4	3.4	3.4	3.3	3.9	4.0	4.1	4.1	4.1	4.1	4.2	4.4	4.2		4.3	4.4			
36.0	2.7	2.7	2.8	2.8	2.7	3.2	3.3	3.5	3.5	3.5	3.5	3.6	3.8	3.9		3.7	3.9	3.6		
38.0			2.2	2.2		2.6	2.8	2.9	3.0	3.0	2.9	3.1	3.3	3.4	3.4	3.2	3.4	3.3		
40.0							2.3	2.4	2.5	2.5	2.4	2.6	2.8	3.0	3.0	2.7	2.9	3.0		
42.0								1.9	2.0	2.0	1.9	2.1	2.4	2.5	2.5	2.2	2.5	2.7	2.6	
44.0									1.6			1.7	2.0	2.1	2.1	1.8	2.0	2.3	2.4	
46.0													1.6	1.7	1.7		1.7	2.0	2.1	2.2
48.0																		1.6	1.8	1.8
50.0																				1.5
θ (°)	63 to 84.5	64 to 84.5	64 to 84.5	65 to 84.5	67 to 84.5	66 to 84.5	66 to 84.5	66 to 84.5	66 to 84.5	69 to 84.5	66 to 84.5	66 to 84.5	69 to 84.5	72 to 84.5	73 to 84.5	68 to 84.5	69 to 84.5	72 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 78t, outrigger extension width 6.8m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	19.8	19.2	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	15.8	17.0	17.2	16.8	16.6	16.7	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	12.4	13.4	14.8	15.6	15.5	15.6	15.4	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	9.6	10.5	11.6	12.3	12.5	12.7	14.2	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	7.2	8.0	8.9	9.5		10.2	11.6	12.8	12.1	11.8	12.1	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0	5.1	5.8	6.6	7.1		8.1	9.3	11.0	11.8	11.6	10.2	10.8	9.6	8.8	8.4	8.5	7.5	6.5		
34.0	3.3	3.9	4.6	4.9		6.2	7.4	8.8	9.9	10.3	8.4	10.0	9.3	8.6	8.3	8.1	7.2	6.2		
36.0				3.1		4.6	5.6	6.9	7.8	8.1	6.7	8.2	9.0	8.5	8.2	7.8	6.9	6.1	5.5	
38.0						3.2	4.1	5.2	5.9		5.2	6.6	8.4	8.3	8.1	7.2	6.7	5.9	5.3	
40.0							2.7	3.7	4.3		3.9	5.2	6.8	8.0	8.0	5.9	6.5	5.7	5.2	5.0
42.0								2.3	2.7		2.8	3.9	5.3	6.4		4.7	6.2	5.5	5.1	5.0
44.0												2.7	4.0	4.9		3.6	5.0	5.4	5.0	4.9
46.0													2.8	3.6		2.7	3.9	5.3	4.9	4.8
48.0																	2.9	4.4	4.8	
50.0																		3.4	4.4	
θ (°)	51 to 84.5	53 to 84.5	55 to 84.5	52 to 84.5	64 to 84.5	54 to 84.5	53 to 84.5	54 to 84.5	55 to 84.5	65 to 84.5	54 to 84.5	55 to 84.5	57 to 84.5	60 to 84.5	69 to 84.5	55 to 84.5	57 to 84.5	60 to 84.5	64 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 78t, outrigger extension width 6.8m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	15.4	14.8	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	12.5	13.6	13.2	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	9.7	10.7	11.9	12.0	11.9	12.2	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	7.3	8.1	9.2	9.9	10.1	10.0	10.9	10.3	9.9	9.7	10.6	10.0	9.4	8.8		8.8	7.7	6.6		
32.0	5.2	6.0	6.9	7.4		7.9	9.2	9.7	9.4	9.2	9.9	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0	3.4	4.1	4.9	5.3		6.0	7.3	8.8	8.9	8.7	8.1	8.9	8.4	8.1	7.9	8.1	7.2	6.2		
36.0			3.1	3.5		4.4	5.5	6.9	7.9	8.3	6.4	8.0	7.9	7.7	7.5	7.8	6.9	6.0	5.5	
38.0							4.0	5.2	6.1	6.3	5.0	6.4	7.5	7.2	7.0	6.9	6.7	5.8	5.3	
40.0								3.7	4.4		3.7	5.0	6.7	6.7	6.5	5.6	6.5	5.7	5.2	5.0
42.0												3.7	5.3	6.2	6.1	4.4	5.9	5.5	5.1	4.9
44.0													4.0	5.0		3.3	4.7	5.4	5.0	4.8
46.0														3.7			3.6	5.2	4.9	4.8
48.0																		4.3	4.8	4.7
50.0																		3.3	4.4	
θ (°)	56 to 84.5	57 to 84.5	56 to 84.5	57 to 84.5	66 to 84.5	60 to 84.5	60 to 84.5	60 to 84.5	62 to 84.5	65 to 84.5	59 to 84.5	61 to 84.5	64 to 84.5	65 to 84.5	71 to 84.5	60 to 84.5	62 to 84.5	64 to 84.5	68 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 78t, outrigger extension width 6.8m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	9.3	9.0	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	7.4	8.1	7.8	7.6	7.5	8.2	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0	5.3	6.1	7.0	6.9	6.7	7.3	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0		4.3	5.1	5.6		6.1	6.4	6.2	6.1	6.0	6.4	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0				3.8		4.5	5.7	5.6	5.5	5.4	5.7	5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0							4.1	5.0	4.9	4.9	4.9	5.0	5.0	4.9	4.8	5.3	5.3	5.1	4.7	
40.0								3.9	4.4	4.4		4.5	4.5	4.4	4.4	4.8	4.8	4.7	4.5	
42.0													4.0	4.0	3.9	4.3	4.3	4.3	4.2	4.0
44.0													3.6	3.6	3.5		3.9	3.9	3.9	3.7
46.0														3.2				3.5	3.5	3.5
48.0																		3.1	3.1	3.1
50.0																			2.8	2.8
θ (°)	61 to 84.5	60 to 84.5	62 to 84.5	61 to 84.5	66 to 84.5	61 to 84.5	62 to 84.5	63 to 84.5	65 to 84.5	66 to 84.5	64 to 84.5	65 to 84.5	66 to 84.5	66 to 84.5	70 to 84.5	64 to 84.5	67 to 84.5	68 to 84.5	70 to 84.5	73 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Full Automatic Luffing Jib

Counterweight 78t, outrigger extension width 6.8m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0	5.2	5.2	5.2	5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0		4.5	4.4	4.4	4.3	4.6	4.6	4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0							4.0	4.1	4.1	4.0	4.4	4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0								3.5	3.5	3.5	3.8	3.9	4.0	4.1	4.0	3.9	4.1	4.1		
40.0									3.0	3.0		3.4	3.5	3.6	3.6	3.4	3.6	3.7	3.5	
42.0													3.0	3.1	3.1		3.1	3.3	3.2	
44.0													2.6	2.7	2.7		2.7	2.9	2.9	2.8
46.0														2.3	2.3			2.5	2.6	2.6
48.0																		2.1	2.3	2.3
50.0																			1.9	2.0
θ (°)	64 to 84.5	63 to 84.5	65 to 84.5	66 to 84.5	67 to 84.5	66 to 84.5	67 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	66 to 84.5	68 to 84.5	68 to 84.5	70 to 84.5	71 to 84.5	69 to 84.5	69 to 84.5	71 to 84.5	73 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 78t, outrigger extension width 6.8m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0	4.8	4.8	4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0		4.1	4.1	4.1	4.0	4.5	4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0				3.4	3.3	3.9	4.0	4.1	4.1	4.1	4.1	4.2	4.4	4.2		4.3	4.4			
36.0							3.3	3.5	3.5	3.5	3.5	3.6	3.8	3.9		3.7	3.9	3.6		
38.0								2.9	3.0	3.0		3.1	3.3	3.4	3.4	3.2	3.4	3.3		
40.0									2.5	2.5			2.8	3.0	3.0		2.9	3.0		
42.0													2.4	2.5	2.5		2.5	2.7	2.6	
44.0														2.1	2.1			2.3	2.4	
46.0																		2.0	2.1	2.2
48.0																			1.8	1.8
50.0																				1.5
θ (°)	68 to 84.5	68 to 84.5	69 to 84.5	69 to 84.5	69 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	70 to 84.5	71 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 58t, outrigger extension width 8.5m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	19.2	19.2	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	15.1	16.4	17.2	16.8	16.6	16.7	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	11.7	12.8	14.1	15.1	15.4	15.0	15.4	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	8.8	9.8	10.9	11.7	11.9	12.0	13.7	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	6.4	7.2	8.2	8.8		9.5	11.0	12.8	12.1	11.8	11.8	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0	4.3	5.1	5.9	6.4		7.4	8.7	10.4	11.7	11.6	9.6	10.8	9.6	8.8	8.4	8.5	7.5	6.5		
34.0			3.9	4.2		5.5	6.7	8.2	9.3	9.7	7.7	9.4	9.3	8.6	8.3	8.1	7.2	6.2		
36.0						3.9	5.0	6.3	7.2	7.5	6.1	7.6	9.0	8.5	8.2	7.8	6.9	6.1	5.5	
38.0							3.4	4.6	5.3		4.6	6.0	7.8	8.3	8.1	6.7	6.7	5.9	5.3	
40.0								3.1	3.6		3.3	4.6	6.2	7.5	8.0	5.3	6.5	5.7	5.2	5.0
42.0												3.3	4.8	5.9		4.1	5.6	5.5	5.1	5.0
44.0													3.5	4.4		3.1	4.4	5.4	5.0	4.9
46.0														3.0			3.4	5.1	4.9	4.8
48.0																		3.9	4.8	
50.0																		2.9	3.9	
θ (°)	54 to 84.5	56 to 84.5	55 to 84.5	55 to 84.5	64 to 84.5	56 to 84.5	56 to 84.5	57 to 84.5	58 to 84.5	65 to 84.5	56 to 84.5	58 to 84.5	59 to 84.5	60 to 84.5	69 to 84.5	57 to 84.5	59 to 84.5	60 to 84.5	64 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 58t, outrigger extension width 8.5m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	15.3	14.8	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	11.8	13.0	13.2	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	9.0	10.0	11.2	12.0	11.9	11.8	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	6.5	7.4	8.5	9.2	9.4	9.3	10.9	10.3	9.9	9.7	10.6	10.0	9.4	8.8		8.8	7.7	6.6		
32.0	4.5	5.2	6.2	6.7		7.2	8.6	9.7	9.4	9.2	9.3	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0			4.2	4.6		5.4	6.6	8.2	8.9	8.7	7.4	8.9	8.4	8.1	7.9	8.1	7.2	6.2		
36.0							4.9	6.3	7.3	7.7	5.8	7.4	7.9	7.7	7.5	7.8	6.9	6.0	5.5	
38.0								4.6	5.5	5.7	4.3	5.8	7.5	7.2	7.0	6.3	6.7	5.8	5.3	
40.0									3.8			4.4	6.1	6.7	6.5	5.0	6.5	5.7	5.2	5.0
42.0													4.7	5.9	6.1	3.8	5.4	5.5	5.1	4.9
44.0														4.5			4.2	5.4	5.0	4.8
46.0																		4.9	4.9	4.8
48.0																		3.8	4.8	4.7
50.0																			3.9	
θ (°)	58 to 84.5	60 to 84.5	59 to 84.5	60 to 84.5	66 to 84.5	62 to 84.5	62 to 84.5	62 to 84.5	62 to 84.5	65 to 84.5	61 to 84.5	63 to 84.5	66 to 84.5	67 to 84.5	71 to 84.5	61 to 84.5	64 to 84.5	66 to 84.5	68 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Full Automatic Luffing Jib

Counterweight 58t, outrigger extension width 8.5m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	9.1	9.0	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	6.7	7.6	7.8	7.6	7.5	8.2	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0	4.6	5.4	6.4	6.9	6.7	7.3	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0			4.4	4.9		5.5	6.4	6.2	6.1	6.0	6.4	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0							5.0	5.6	5.5	5.4	5.7	5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0								4.8	4.9	4.9		5.0	5.0	4.9	4.8	5.3	5.3	5.1	4.7	
40.0										4.4			4.5	4.4	4.4	4.8	4.8	4.7	4.5	
42.0													4.0	4.0	3.9		4.3	4.3	4.2	4.0
44.0														3.6	3.5			3.9	3.9	3.7
46.0																		3.5	3.5	3.5
48.0																			3.1	3.1
50.0																				2.8
θ (°)	62 to 84.5	63 to 84.5	62 to 84.5	63 to 84.5	66 to 84.5	63 to 84.5	64 to 84.5	65 to 84.5	67 to 84.5	66 to 84.5	65 to 84.5	67 to 84.5	68 to 84.5	68 to 84.5	70 to 84.5	65 to 84.5	68 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 58t, outrigger extension width 8.5m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0		5.2	5.2	5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0				4.4	4.3		4.6	4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0								4.1	4.1	4.0	4.4	4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0									3.5	3.5		3.9	4.0	4.1	4.0	3.9	4.1	4.1		
40.0													3.5	3.6	3.6		3.6	3.7	3.5	
42.0													3.0	3.1	3.1		3.1	3.3	3.2	
44.0														2.7	2.7			2.9	2.9	2.8
46.0																		2.5	2.6	2.6
48.0																			2.3	2.3
50.0																				2.0
θ (°)	66 to 84.5	65 to 84.5	67 to 84.5	66 to 84.5	67 to 84.5	68 to 84.5	68 to 84.5	70 to 84.5	70 to 84.5	70 to 84.5	68 to 84.5	70 to 84.5	70 to 84.5	71 to 84.5	73 to 84.5	70 to 84.5	70 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 58t, outrigger extension width 8.5m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0		4.8	4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0			4.1	4.1	4.0	4.5	4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0							4.0	4.1	4.1	4.1	4.1	4.2	4.4	4.2		4.3	4.4			
36.0								3.5	3.5	3.5		3.6	3.8	3.9		3.7	3.9	3.6		
38.0									3.0	3.0			3.3	3.4	3.4		3.4	3.3		
40.0													2.8	3.0	3.0		2.9	3.0		
42.0														2.5	2.5			2.7	2.6	
44.0															2.1			2.3	2.4	
46.0																			2.1	2.2
48.0																				1.8
θ (°)	70 to 84.5	70 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 58t, outrigger extension width 8.0m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	21.5	20.8	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	17.3	18.5	18.5	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	13.3	14.6	16.1	16.8	16.6	16.6	16.2	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	10.1	11.2	12.5	13.4	13.8	13.3	15.1	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	7.4	8.3	9.5	10.2	10.4	10.5	12.2	13.3	12.5	12.1	12.5	11.4	10.1	9.3		9.2	8.1			
30.0	5.1	5.9	6.9	7.5		8.2	9.6	11.5	12.1	11.8	10.4	11.1	9.8	9.0	8.5	8.8	7.8	6.7		
32.0			4.7	5.1		6.2	7.5	9.1	10.4	11.0	8.4	10.2	9.6	8.8	8.4	8.5	7.5	6.5		
34.0						4.4	5.6	7.1	8.1	8.6	6.6	8.2	9.3	8.6	8.3	8.1	7.2	6.2		
36.0							3.9	5.2	6.1	6.4	5.0	6.5	8.5	8.5	8.2	7.1	6.9	6.1	5.5	
38.0								3.6	4.3		3.6	5.0	6.8	8.2	8.1	5.6	6.7	5.9	5.3	
40.0												3.6	5.3	6.5	7.1	4.4	6.0	5.7	5.2	5.0
42.0													3.9	5.0		3.3	4.7	5.5	5.1	5.0
44.0														3.6			3.6	5.4	5.0	4.9
46.0																		4.3	4.9	4.8
48.0																		3.2	4.4	
50.0																			3.2	
θ (°)	57 to 84.5	58 to 84.5	58 to 84.5	58 to 84.5	64 to 84.5	59 to 84.5	58 to 84.5	59 to 84.5	61 to 84.5	65 to 84.5	58 to 84.5	60 to 84.5	62 to 84.5	62 to 84.5	69 to 84.5	59 to 84.5	61 to 84.5	63 to 84.5	64 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Full Automatic Luffing Jib

Counterweight 58t, outrigger extension width 8.0m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m) / Load radius (m)	10.3m Offset					17.2m Offset					24.1m Offset					31.0m Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	16.6	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	13.5	14.7	14.1	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	10.2	11.3	12.8	12.8	12.6	13.1	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0	7.5	8.5	9.7	10.6	10.9	10.4	11.6	11.0	10.5	10.2	11.3	10.7	9.9			9.2	8.0			
30.0	5.2	6.1	7.2	7.9	8.0	8.0	9.5	10.3	9.9	9.7	10.1	10.0	9.4	8.8		8.8	7.7	6.6		
32.0			5.0	5.5		6.0	7.3	9.1	9.4	9.2	8.1	9.4	8.9	8.5	8.2	8.4	7.4	6.4		
34.0							5.5	7.0	8.2	8.7	6.3	8.0	8.4	8.1	7.9	8.1	7.2	6.2		
36.0								5.2	6.2	6.7	4.7	6.3	7.9	7.7	7.5	6.7	6.9	6.0	5.5	
38.0									4.5	4.7		4.8	6.7	7.2	7.0	5.3	6.7	5.8	5.3	
40.0													5.2	6.5	6.5		5.7	5.7	5.2	5.0
42.0														5.0	5.6		4.5	5.5	5.1	4.9
44.0																		5.3	5.0	4.8
46.0																		4.1	4.9	4.8
48.0																			4.3	
θ (°)	60 to 84.5	62 to 84.5	62 to 84.5	63 to 84.5	66 to 84.5	64 to 84.5	64 to 84.5	65 to 84.5	64 to 84.5	65 to 84.5	63 to 84.5	65 to 84.5	68 to 84.5	69 to 84.5	71 to 84.5	65 to 84.5	66 to 84.5	68 to 84.5	70 to 84.5	74 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 58t, outrigger extension width 8.0m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m) / Load radius (m)	10.3m Offset					17.2m Offset					24.1m Offset					31.0m Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	10.2	9.9	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0	7.6	8.6	8.7	8.5	8.3	9.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0	5.3	6.3	7.4	7.6	7.5	8.1	7.9	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0			5.2	5.8	6.0	6.1	7.1	6.9	6.7	6.6	7.1	6.9	6.4	6.0		7.2	6.6	5.9		
34.0							5.6	6.2	6.1	6.0	6.2	6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0								5.4	5.5	5.4		5.6	5.5	5.4	5.2	5.9	5.8	5.3		
38.0									4.8	4.9			5.0	4.9	4.8	5.2	5.3	5.1	4.7	
40.0													4.5	4.4	4.4		4.8	4.7	4.5	
42.0														4.0	3.9			4.3	4.2	4.0
44.0																		3.9	3.9	3.7
46.0																			3.5	3.5
48.0																			3.1	3.1
θ (°)	64 to 84.5	65 to 84.5	64 to 84.5	66 to 84.5	66 to 84.5	65 to 84.5	66 to 84.5	67 to 84.5	67 to 84.5	68 to 84.5	67 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	72 to 84.5	67 to 84.5	70 to 84.5	72 to 84.5	72 to 84.5	75 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 58t, outrigger extension width 8.0m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0	7.0	6.9	6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0		6.0	6.0	5.9	5.8	6.1	6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0				5.1	5.0	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.6			5.8	5.6			
34.0								4.7	4.7	4.6	5.0	5.1	5.1	4.9		5.1	5.2	4.9		
36.0									4.1	4.0		4.5	4.6	4.5	4.3	4.5	4.6	4.5		
38.0										3.5			4.0	4.1	4.0		4.1	4.1		
40.0													3.5	3.6	3.6		3.6	3.7	3.5	
42.0														3.1	3.1			3.3	3.2	
44.0																		2.9	2.9	2.8
46.0																			2.6	2.6
48.0																				2.3
θ (°)	68 to 84.5	67 to 84.5	69 to 84.5	68 to 84.5	69 to 84.5	68 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	70 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 58t, outrigger extension width 8.0m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	12.0																			
16.0	12.0	11.6				8.0														
18.0	11.0	10.6	9.9			8.0					7.1									
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7				
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7				
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7				
26.0	6.7	6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7				
28.0	5.7	5.7	5.7	5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7				
30.0			4.8	4.8	4.7	5.3	5.4	5.4	5.4	5.4	5.5	5.6	5.3			5.6	5.2			
32.0							4.6	4.7	4.8	4.7	4.7	4.9	4.9			4.9	4.9			
34.0								4.1	4.1	4.1		4.2	4.4	4.2		4.3	4.4			
36.0									3.5	3.5			3.8	3.9			3.9	3.6		
38.0													3.3	3.4	3.4		3.4	3.3		
40.0														3.0	3.0			3.0		
42.0															2.5			2.7	2.6	
44.0																			2.4	
46.0																				2.2
θ (°)	70 to 84.5	71 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	75 to 84.5	73 to 84.5	74 to 84.5	75 to 84.5	76 to 84.5	77 to 84.5	74 to 84.5	75 to 84.5	77 to 84.5	79 to 84.5	80 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Full Automatic Luffing Jib

Counterweight 58t, outrigger extension width 6.8m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	21.7	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	16.8	18.2	19.8	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	12.6	13.9	15.7	16.7	17.3	15.9	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	9.2	10.4	11.9	13.0	13.4	12.4	14.4	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	6.4	7.4	8.7	9.6	9.9	9.5	11.3	13.5	13.0	12.5	11.8	11.7	10.5			9.7	8.4			
28.0			6.1	6.8	7.0	7.1	8.7	10.8	12.4	12.1	9.4	11.4	10.1	9.3		9.2	8.1			
30.0						5.1	6.5	8.3	9.8	10.6	7.3	9.2	9.8	9.0	8.5	8.8	7.8	6.7		
32.0							4.6	6.2	7.5	8.1	5.5	7.2	9.6	8.8	8.4	7.6	7.5	6.5		
34.0								4.4	5.4	5.8		5.5	7.7	8.6	8.3	6.0	7.2	6.2		
36.0													6.0	7.6	8.2	4.5	6.4	6.1	5.5	
38.0													4.4	5.8	6.6		5.0	5.9	5.3	
40.0														4.3	4.9			5.7	5.2	5.0
42.0																		4.6	5.1	5.0
44.0																			4.9	4.9
46.0																				4.5
θ (°)	62 to 84.5	64 to 84.5	63 to 84.5	64 to 84.5	64 to 84.5	63 to 84.5	63 to 84.5	64 to 84.5	67 to 84.5	68 to 84.5	64 to 84.5	66 to 84.5	66 to 84.5	67 to 84.5	69 to 84.5	64 to 84.5	67 to 84.5	69 to 84.5	71 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 58t, outrigger extension width 6.8m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	16.9	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	12.7	14.1	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	9.3	10.5	12.1	13.3	13.3	12.2	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	6.5	7.6	9.0	9.9	10.4	9.4	11.2	11.7	11.2	10.8	11.5	11.4	10.4			9.4	8.3			
28.0			6.3	7.1	7.4	6.9	8.6	10.8	10.5	10.2	9.1	10.7	9.9			9.2	8.0			
30.0							6.4	8.3	9.8	9.7	7.0	9.0	9.4	8.8		8.8	7.7	6.6		
32.0								6.2	7.5	8.2		7.0	8.9	8.5	8.2	7.2	7.4	6.4		
34.0									5.5	6.1		5.3	7.6	8.1	7.9	5.6	7.2	6.2		
36.0													5.9	7.5	7.5		6.1	6.0	5.5	
38.0														5.8	6.7			5.8	5.3	
40.0															5.0			5.7	5.2	5.0
42.0																			5.1	4.9
44.0																			4.9	4.8
θ (°)	65 to 84.5	67 to 84.5	66 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	69 to 84.5	69 to 84.5	72 to 84.5	74 to 84.5	73 to 84.5	68 to 84.5	71 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 58t, outrigger extension width 6.8m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	9.4	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	6.6	7.7	9.1	9.2	9.1	9.4	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0			6.5	7.4	7.8	7.0	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0							6.5	7.6	7.4	7.1	6.9	7.5	6.8			7.7	7.0			
32.0								6.4	6.7	6.6		6.9	6.4	6.0		7.1	6.6	5.9		
34.0									5.8	6.0			6.1	5.7	5.4		6.3	5.6		
36.0													5.5	5.4	5.2		5.8	5.3		
38.0														4.9	4.8			5.1	4.7	
40.0																		4.7	4.5	
42.0																			4.2	4.0
44.0																				3.7
θ (°)	67 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	70 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	71 to 84.5	72 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 58t, outrigger extension width 6.8m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0		8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0				6.7	6.6		6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0								6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0									5.3	5.3		5.7	5.6				5.6			
34.0										4.6			5.1	4.9			5.2	4.9		
36.0														4.5	4.3			4.5		
38.0														4.1	4.0			4.1		
40.0																			3.5	
42.0																			3.2	
44.0																				2.8
θ (°)	71 to 84.5	71 to 84.5	73 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	73 to 84.5	74 to 84.5	77 to 84.5	77 to 84.5	79 to 84.5	76 to 84.5	76 to 84.5	78 to 84.5	79 to 84.5	81 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 58t, outrigger extension width 6.8m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m		
Load radius	Offset					Offset					Offset					Offset		
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°
14.0	12.0																	
16.0	12.0	11.6				8.0												
18.0	11.0	10.6	9.9			8.0					7.1							
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7		
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7		
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7		
26.0			6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7		
28.0					5.5		6.2	6.2	5.9		6.3	6.2				5.7		
30.0								5.4	5.4	5.4		5.6	5.3			5.6	5.2	
32.0									4.8	4.7			4.9				4.9	
34.0													4.4	4.2				
36.0														3.9				3.6
38.0															3.4			
θ (°)	73 to 84.5	75 to 84.5	75 to 84.5	76 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	78 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	80 to 84.5	80 to 84.5	77 to 84.5	79 to 84.5	81 to 84.5
Standard hook block	12.2t																	
Hook block weight	440kg																	
Standard number of parts of line	1																	

Full Automatic Luffing Jib

Counterweight 47t, outrigger extension width 8.5m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	23.5	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	19.3	20.6	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	14.7	16.2	17.7	18.0	17.7	16.7	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	11.0	12.2	13.8	14.9	15.3	14.4	16.1	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	7.9	9.0	10.4	11.3	11.6	11.2	13.0	13.9	13.0	12.5	12.9	11.7	10.5			9.7	8.4			
28.0	5.4	6.3	7.5	8.2	8.4	8.6	10.2	12.4	12.5	12.1	10.9	11.4	10.1	9.3		9.2	8.1			
30.0			5.0	5.6		6.3	7.8	9.7	11.2	11.8	8.6	10.6	9.8	9.0	8.5	8.8	7.8	6.7		
32.0						4.4	5.7	7.4	8.7	9.3	6.6	8.5	9.6	8.8	8.4	8.5	7.5	6.5		
34.0								5.4	6.5	7.0	5.0	6.6	8.8	8.6	8.3	7.1	7.2	6.2		
36.0									4.6	4.9		5.0	7.0	8.5	8.2	5.6	6.9	6.1	5.5	
38.0													5.4	6.8	7.6	4.2	5.9	5.9	5.3	
40.0													3.9	5.2	5.8		4.6	5.7	5.2	5.0
42.0																		5.5	5.1	5.0
44.0																		4.2	5.0	4.9
46.0																			4.4	4.8
θ (°)	59 to 84.5	61 to 84.5	60 to 84.5	62 to 84.5	64 to 84.5	61 to 84.5	63 to 84.5	64 to 84.5	64 to 84.5	65 to 84.5	62 to 84.5	64 to 84.5	64 to 84.5	67 to 84.5	69 to 84.5	62 to 84.5	65 to 84.5	67 to 84.5	69 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 47t, outrigger extension width 8.5m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	18.0	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	14.9	15.9	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	11.1	12.4	14.0	13.6	13.3	14.1	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	8.0	9.2	10.6	11.6	12.0	11.0	12.4	11.7	11.2	10.8	12.1	11.4	10.4			9.4	8.3			
28.0		6.5	7.7	8.6	8.9	8.4	10.1	11.0	10.5	10.2	10.6	10.7	9.9			9.2	8.0			
30.0			5.3	6.0	6.2	6.1	7.7	9.7	9.9	9.7	8.3	10.0	9.4	8.8		8.8	7.7	6.6		
32.0							5.6	7.4	8.8	9.2	6.3	8.2	8.9	8.5	8.2	8.4	7.4	6.4		
34.0								5.4	6.6	7.2		6.4	8.4	8.1	7.9	6.7	7.2	6.2		
36.0										5.1			6.9	7.7	7.5	5.2	6.9	6.0	5.5	
38.0													5.3	6.8	7.0		5.7	5.8	5.3	
40.0														5.2	5.9			5.7	5.2	5.0
42.0																		5.3	5.1	4.9
44.0																			5.0	4.8
46.0																				4.8
θ (°)	65 to 84.5	64 to 84.5	64 to 84.5	65 to 84.5	66 to 84.5	66 to 84.5	66 to 84.5	67 to 84.5	69 to 84.5	67 to 84.5	67 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	73 to 84.5	66 to 84.5	69 to 84.5	72 to 84.5	74 to 84.5	74 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 47t, outrigger extension width 8.5m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	11.1	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0	8.2	9.3	9.5	9.2	9.1	9.7	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0		6.6	7.9	8.5	8.3	8.5	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0				6.3	6.6		7.8	7.6	7.4	7.1	7.8	7.5	6.8			7.7	7.0			
32.0								6.9	6.7	6.6	6.3	6.9	6.4	6.0		7.2	6.6	5.9		
34.0									6.1	6.0		6.2	6.1	5.7	5.4	6.6	6.3	5.6		
36.0										5.4			5.5	5.4	5.2		5.8	5.3		
38.0														4.9	4.8		5.3	5.1	4.7	
40.0														4.4	4.4			4.7	4.5	
42.0																		4.3	4.2	4.0
44.0																			3.9	3.7
46.0																				3.5
θ (°)	67 to 84.5	67 to 84.5	69 to 84.5	68 to 84.5	68 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	71 to 84.5	70 to 84.5	69 to 84.5	70 to 84.5	73 to 84.5	72 to 84.5	74 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 47t, outrigger extension width 8.5m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	14.6																			
14.0	14.6	14.5																		
16.0	13.9	13.2				12.0														
18.0	12.5	12.1	11.2			11.6	10.7				9.4									
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4				
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4				
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4				
26.0	8.1	8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4			
28.0			6.8	6.7	6.6	7.0	6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4			
30.0				5.9	5.8		6.1	6.1	6.0	5.9	6.5	6.5	5.9			6.4	6.0			
32.0								5.3	5.3	5.3		5.7	5.6			5.8	5.6			
34.0									4.7	4.6		5.1	5.1	4.9			5.2	4.9		
36.0													4.6	4.5	4.3		4.6	4.5		
38.0														4.1	4.0			4.1		
40.0															3.6			3.7	3.5	
42.0																			3.2	
44.0																				2.8
θ (°)	70 to 84.5	71 to 84.5	71 to 84.5	70 to 84.5	71 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	73 to 84.5	75 to 84.5	73 to 84.5	73 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	74 to 84.5	75 to 84.5	77 to 84.5	79 to 84.5	81 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 47t, outrigger extension width 8.5m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m			
Load radius	Offset					Offset					Offset					Offset			
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°
14.0	12.0																		
16.0	12.0	11.6				8.0													
18.0	11.0	10.6	9.9			8.0					7.1								
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7			
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7			
24.0	7.7	7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7			
26.0		6.6	6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7			
28.0				5.6	5.5	6.1	6.2	6.2	5.9		6.3	6.2				5.7			
30.0								5.4	5.4	5.4		5.6	5.3			5.6	5.2		
32.0								4.7	4.8	4.7		4.9	4.9				4.9		
34.0									4.1	4.1			4.4	4.2			4.4		
36.0														3.9				3.6	
38.0														3.4	3.4			3.3	
40.0																			
42.0																			2.6
θ (°)	73 to 84.5	73 to 84.5	75 to 84.5	74 to 84.5	75 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	76 to 84.5	75 to 84.5	78 to 84.5	78 to 84.5	80 to 84.5	77 to 84.5	78 to 84.5	80 to 84.5	81 to 84.5
Standard hook block	12.2t																		
Hook block weight	440kg																		
Standard number of parts of line	1																		

Full Automatic Luffing Jib

Counterweight 47t, outrigger extension width 8.0m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	25.8	24.8	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	22.3	22.6	21.6	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	17.3	18.6	19.9	19.4	19.0	16.7	16.7	15.9			14.5	13.0				10.5				
22.0	12.9	14.3	16.0	17.1	17.6	16.2	16.7	15.2	14.0		13.9	12.5				10.3	9.2			
24.0	9.3	10.6	12.1	13.2	13.7	12.7	14.6	14.5	13.4	12.9	13.4	12.1	10.8			10.0	8.8			
26.0	6.5	7.5	8.9	9.8	10.1	9.7	11.5	13.7	13.0	12.5	12.0	11.7	10.5			9.7	8.4			
28.0			6.2	6.9	7.1	7.2	8.8	11.0	12.5	12.1	9.5	11.4	10.1	9.3		9.2	8.1			
30.0						5.1	6.6	8.5	9.9	10.7	7.4	9.3	9.8	9.0	8.5	8.8	7.8	6.7		
32.0							4.6	6.3	7.5	8.2	5.5	7.3	9.6	8.8	8.4	7.6	7.5	6.5		
34.0								4.4	5.5	5.9		5.5	7.8	8.6	8.3	6.0	7.2	6.2		
36.0													6.0	7.6	8.2	4.6	6.4	6.1	5.5	
38.0													4.5	5.9	6.7		5.0	5.9	5.3	
40.0														4.3	4.9			5.7	5.2	5.0
42.0																		4.6	5.1	5.0
44.0																			5.0	4.9
46.0																				4.5
θ (°)	62 to 84.5	64 to 84.5	63 to 84.5	64 to 84.5	64 to 84.5	63 to 84.5	63 to 84.5	64 to 84.5	67 to 84.5	68 to 84.5	64 to 84.5	66 to 84.5	66 to 84.5	67 to 84.5	69 to 84.5	64 to 84.5	67 to 84.5	69 to 84.5	71 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 47t, outrigger extension width 8.0m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	19.6	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	17.4	17.2	16.2	15.6	15.1	16.4	15.4	14.3			14.0	12.8				10.1				
22.0	13.0	14.5	15.1	14.5	14.2	15.2	14.3	13.3			13.7	12.4				9.9	9.0			
24.0	9.5	10.8	12.4	13.5	13.3	12.5	13.3	12.5	11.9		13.0	12.0				9.6	8.7			
26.0	6.6	7.7	9.1	10.1	10.5	9.5	11.4	11.7	11.2	10.8	11.7	11.4	10.4			9.4	8.3			
28.0			6.4	7.2	7.5	7.0	8.7	10.9	10.5	10.2	9.2	10.7	9.9			9.2	8.0			
30.0							6.4	8.4	9.9	9.7	7.1	9.1	9.4	8.8		8.8	7.7	6.6		
32.0								6.3	7.6	8.3		7.1	8.9	8.5	8.2	7.3	7.4	6.4		
34.0									5.5	6.1			7.6	8.1	7.9	5.7	7.2	6.2		
36.0													5.9	7.6	7.5		6.2	6.0	5.5	
38.0														5.9	6.8			5.8	5.3	
40.0															5.1			5.7	5.2	5.0
42.0																			5.1	4.9
44.0																			4.9	4.8
θ (°)	65 to 84.5	67 to 84.5	66 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	69 to 84.5	71 to 84.5	72 to 84.5	74 to 84.5	73 to 84.5	68 to 84.5	71 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 47t, outrigger extension width 8.0m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.2																			
12.0	20.0																			
14.0	17.8	16.8				16.5														
16.0	16.0	15.2	14.2			15.0					13.5									
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1				
20.0	13.2	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1				
22.0	12.1	11.6	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1				
24.0	9.6	10.7	10.3	10.0	9.7	10.5	10.0	9.2	8.5		9.9	9.0				9.1	8.3			
26.0		7.8	9.3	9.2	9.1	9.6	9.3	8.7	8.1	7.7	9.1	8.5	7.5			8.7	7.8			
28.0			6.6	7.5	7.9	7.1	8.6	8.2	7.7	7.4	8.5	8.0	7.1			8.2	7.4			
30.0								7.6	7.4	7.1	7.0	7.5	6.8			7.7	7.0			
32.0								6.4	6.7	6.6		6.9	6.4	6.0		7.2	6.6	5.9		
34.0										6.0			6.1	5.7	5.4		6.3	5.6		
36.0													5.5	5.4	5.2		5.8	5.3		
38.0														4.9	4.8			5.1	4.7	
40.0																		4.7	4.5	
42.0																			4.2	4.0
44.0																				3.7
θ (°)	69 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	70 to 84.5	69 to 84.5	72 to 84.5	71 to 84.5	73 to 84.5	72 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	35t															12.2t				
Hook block weight	950kg															440kg				
Standard number of parts of line	2															1				

Counterweight 47t, outrigger extension width 8.0m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m			
Load radius	Offset					Offset					Offset					Offset			
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°
12.0	14.6																		
14.0	14.6	14.5																	
16.0	13.9	13.2				12.0													
18.0	12.5	12.1	11.2			11.6	10.7				9.4								
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4					6.4			
22.0	10.3	10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5				6.4			
24.0	9.3	9.1	8.8	8.6	8.4	8.9	8.5	7.8			8.6	7.9				6.4			
26.0		8.0	7.8	7.7	7.5	8.0	7.9	7.3	6.9		8.0	7.4				6.4	6.4		
28.0				6.7	6.6		6.9	6.8	6.5	6.2	7.3	6.9	6.3			6.4	6.4		
30.0								6.1	6.0	5.9		6.5	5.9			6.4	6.0		
32.0									5.3	5.3		5.7	5.6				5.6		
34.0										4.6			5.1	4.9			5.2	4.9	
36.0														4.5	4.3			4.5	
38.0														4.1	4.0			4.1	
40.0																			3.5
42.0																			3.2
θ (°)	71 to 84.5	71 to 84.5	73 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	74 to 84.5	74 to 84.5	77 to 84.5	77 to 84.5	79 to 84.5	76 to 84.5	76 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	35t					12.2t													
Hook block weight	950kg					440kg													
Standard number of parts of line	2					1													

Counterweight 47t, outrigger extension width 8.0m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m		
Load radius	Offset					Offset					Offset					Offset		
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°
14.0	12.0																	
16.0	12.0	11.6				8.0												
18.0	11.0	10.6	9.9			8.0					7.1							
20.0	9.9	9.6	9.2	8.8		8.0	8.0				7.1					5.7		
22.0	8.9	8.7	8.5	8.1	7.9	8.0	8.0				7.1					5.7		
24.0		7.7	7.6	7.5	7.3	8.0	7.7	7.2			7.1	6.9				5.7		
26.0			6.6	6.5	6.4	7.1	7.1	6.7			7.1	6.6				5.7		
28.0							6.2	6.2	5.9		6.3	6.2				5.7		
30.0								5.4	5.4	5.4		5.6	5.3				5.2	
32.0									4.8	4.7			4.9				4.9	
34.0													4.4	4.2				
36.0														3.9				3.6
38.0															3.4			
θ (°)	75 to 84.5	75 to 84.5	75 to 84.5	76 to 84.5	77 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	78 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	80 to 84.5	80 to 84.5	78 to 84.5	79 to 84.5	81 to 84.5
Standard hook block	12.2t																	
Hook block weight	440kg																	
Standard number of parts of line	1																	

Full Automatic Luffing Jib

Counterweight 47t, outrigger extension width 6.8m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	38.4																			
10.0	36.0					16.7														
11.0	33.8	31.6				16.7														
12.0	31.9	30.2				16.7														
14.0	28.6	27.3	25.2			16.7	16.7				16.0									
16.0	22.7	24.4	23.5	22.1	21.1	16.7	16.7				15.5					10.9				
18.0	17.1	18.6	20.5	20.9	20.3	16.7	16.7	16.7			15.0	13.5				10.8				
20.0	12.3	13.9	15.8	17.1	17.8	15.7	16.7	15.9			14.5	13.0				10.5				
22.0	8.6	9.9	11.7	13.0	13.7	11.9	14.1	15.2	14.0		13.9	12.5				10.3	9.2			
24.0			8.3	9.4	9.8	8.8	10.8	13.3	13.4	12.9	11.2	12.1	10.8			10.0	8.8			
26.0					6.7	6.3	8.0	10.4	12.1	12.5	8.5	10.9	10.5			9.7	8.4			
28.0								7.8	9.4	10.4	6.3	8.5	10.1	9.3		8.5	8.1			
30.0								5.6	7.0	7.8		6.4	9.1	9.0	8.5	6.6	7.8	6.7		
32.0										5.5			7.0	8.8	8.4		7.1	6.5		
34.0													5.3	7.1	8.3		5.5	6.2		
36.0														5.3	6.3			6.1	5.5	
38.0																		5.2	5.3	
40.0																			5.2	5.0
42.0																				5.0
θ (°)	67 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	68 to 84.5	68 to 84.5	70 to 84.5	69 to 84.5	72 to 84.5	70 to 84.5	68 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	74 to 84.5	70 to 84.5	71 to 84.5	73 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 47t, outrigger extension width 6.8m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	29.5																			
11.0	27.8																			
12.0	26.3	24.5				16.7														
14.0	23.6	22.2	20.6			16.7					15.3									
16.0	21.4	20.3	19.0	18.0		16.7	16.7				14.8					10.4				
18.0	17.2	18.6	17.5	16.7	16.2	16.7	16.7				14.4					10.3				
20.0	12.5	14.1	16.0	15.6	15.1	15.6	15.4	14.3			14.0	12.8				10.1				
22.0	8.7	10.1	11.9	13.3	14.0	11.7	14.0	13.3			13.7	12.4				9.9	9.0			
24.0			8.5	9.7	10.2	8.6	10.7	12.5	11.9		10.8	12.0				9.6	8.7			
26.0					7.1		7.9	10.3	11.2	10.8	8.2	10.7	10.4			9.4	8.3			
28.0								7.7	9.5	10.2		8.3	9.9			8.2	8.0			
30.0									7.0	7.9			9.0	8.8			7.7	6.6		
32.0													6.9	8.5	8.2		6.9	6.4		
34.0														7.0	7.9			6.2		
36.0															6.4			6.0	5.5	
38.0																			5.3	
40.0																			5.2	5.0
42.0																				4.9
θ (°)	70 to 84.5	71 to 84.5	71 to 84.5	73 to 84.5	71 to 84.5	72 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	75 to 84.5	72 to 84.5	75 to 84.5	76 to 84.5	78 to 84.5	78 to 84.5	73 to 84.5	74 to 84.5	77 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 47t, outrigger extension width 6.8m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m			
Load radius	Offset					Offset					Offset					Offset			
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°
11.0	21.2																		
12.0	20.0																		
14.0	17.8	16.8				16.5													
16.0	16.0	15.2	14.2			15.0					13.5								
18.0	14.5	13.9	13.1	12.4	11.9	13.6	12.5				12.4					9.1			
20.0	12.5	12.7	12.1	11.6	11.2	12.5	11.7				11.5					9.1			
22.0		10.2	11.1	10.7	10.5	11.4	10.8	9.8			10.7	9.6				9.1			
24.0			8.7	9.9	9.7		10.0	9.2	8.5		9.9	9.0				9.1	8.3		
26.0								8.7	8.1	7.7		8.5	7.5			8.7	7.8		
28.0								7.9	7.7	7.4		8.0	7.1			8.1	7.4		
30.0									7.2	7.1			6.8				7.0		
32.0														6.0				5.9	
34.0														5.7	5.4			5.6	
36.0															5.2				
38.0																			4.7
θ (°)	73 to 84.5	73 to 84.5	73 to 84.5	74 to 84.5	75 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	75 to 84.5	76 to 84.5	78 to 84.5	78 to 84.5	78 to 84.5	74 to 84.5	78 to 84.5	80 to 84.5	81 to 84.5
Standard hook block	35t															12.2t			
Hook block weight	950kg															440kg			
Standard number of parts of line	2															1			

Counterweight 47t, outrigger extension width 6.8m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m				31.0m		
Load radius	Offset					Offset					Offset				Offset		
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	5°	15°	30°
12.0	14.6																
14.0	14.6	14.5															
16.0	13.9	13.2				12.0											
18.0	12.5	12.1	11.2			11.6	10.7				9.4						
20.0	11.3	11.0	10.4	9.9	9.5	10.7	9.8				9.4				6.4		
22.0		10.0	9.6	9.2	8.9	9.8	9.1	8.3			9.3	8.5			6.4		
24.0				8.6	8.4		8.5	7.8			8.6	7.9			6.4		
26.0								7.3	6.9			7.4			6.4	6.4	
28.0									6.5	6.2		6.9	6.3			6.4	
30.0										5.9			5.9			6.0	
32.0																	
34.0														4.9			4.9
θ (°)	75 to 84.5	75 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	79 to 84.5	78 to 84.5	77 to 84.5	77 to 84.5	80 to 84.5	80 to 84.5	78 to 84.5	79 to 84.5	81 to 84.5
Standard hook block	35t					12.2t											
Hook block weight	950kg					440kg											
Standard number of parts of line	2					1											

Counterweight 47t, outrigger extension width 6.8m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m				24.1m			31.0m
Load radius	Offset					Offset				Offset			Offset
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	5°	15°	30°	5°
14.0	12.0												
16.0	12.0	11.6				8.0							
18.0	11.0	10.6	9.9			8.0				7.1			
20.0	9.9	9.6	9.2	8.8		8.0	8.0			7.1			5.7
22.0			8.5	8.1	7.9	8.0	8.0			7.1			5.7
24.0					7.3		7.7	7.2			6.9		5.7
26.0								6.7			6.6		
28.0									5.9				
30.0												5.3	
θ (°)	77 to 84.5	78 to 84.5	78 to 84.5	80 to 84.5	78 to 84.5	78 to 84.5	78 to 84.5	80 to 84.5	80 to 84.5	80 to 84.5	80 to 84.5	81 to 84.5	81 to 84.5
Standard hook block	12.2t												
Hook block weight	440kg												
Standard number of parts of line	1												

Full Automatic Luffing Jib

Counterweight 25t, outrigger extension width 8.5m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m			
Load radius	Offset					Offset					Offset					Offset			
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°
9.0	38.4																		
10.0	36.0					16.7													
11.0	33.8	31.6				16.7													
12.0	31.9	30.2				16.7													
14.0	27.2	27.3	25.2			16.7	16.7				16.0								
16.0	19.5	21.4	23.5	22.1	21.1	16.7	16.7				15.5					10.9			
18.0	13.8	15.7	17.7	19.3	20.3	16.7	16.7	16.7			15.0	13.5				10.8			
20.0		10.9	13.1	14.4	15.2	12.9	15.1	15.9			14.5	13.0				10.5			
22.0				10.3	11.0	9.2	11.5	14.2	14.0		11.7	12.5				10.3	9.2		
24.0							8.3	11.0	12.8	12.9	8.7	11.3	10.8			10.0	8.8		
26.0								8.1	10.0	11.0		8.6	10.5			8.5	8.4		
28.0									7.3	8.3			9.3	9.3			8.1		
30.0													7.1	9.0	8.5		7.0	6.7	
32.0														7.2	8.4			6.5	
34.0															6.5			6.2	
36.0																			5.5
θ (°)	72 to 84.5	71 to 84.5	74 to 84.5	73 to 84.5	73 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5	74 to 84.5	76 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	73 to 84.5	74 to 84.5	77 to 84.5	80 to 84.5
Standard hook block	80t					35t										12.2t			
Hook block weight	1550kg					950kg										440kg			
Standard number of parts of line	4					2										1			

Counterweight 25t, outrigger extension width 8.5m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m			
Load radius	Offset					Offset					Offset					Offset			
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°
10.0	29.5																		
11.0	27.8																		
12.0	26.3	24.5				16.7													
14.0	23.6	22.2	20.6			16.7					15.3								
16.0	19.7	20.3	19.0	18.0		16.7	16.7				14.8					10.4			
18.0	14.0	15.9	17.5	16.7	16.2	16.7	16.7				14.4					10.3			
20.0		11.1	13.3	14.7	15.1	12.7	15.0	14.3			14.0	12.8				10.1			
22.0				10.6	11.4		11.4	13.3			11.4	12.4				9.9	9.0		
24.0								11.0	11.9			11.1				9.6	8.7		
26.0									10.0	10.8			10.4				8.3		
28.0										8.4			9.2				8.0		
30.0														8.8				6.6	
32.0															8.2			6.4	
34.0																			
36.0																			5.5
θ (°)	74 to 84.5	73 to 84.5	76 to 84.5	75 to 84.5	76 to 84.5	76 to 84.5	76 to 84.5	78 to 84.5	78 to 84.5	77 to 84.5	76 to 84.5	78 to 84.5	80 to 84.5	82 to 84.5	82 to 84.5	76 to 84.5	78 to 84.5	80 to 84.5	81 to 84.5
Standard hook block	35t					35t										12.2t			
Hook block weight	950kg					950kg										440kg			
Standard number of parts of line	3					2										1			

Counterweight 25t, outrigger extension width 8.5m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m			31.0m	
Load radius	Offset					Offset					Offset			Offset	
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	5°	15°
11.0	21.2														
12.0	20.0														
14.0	17.8	16.8				16.5									
16.0	16.0	15.2	14.2			15.0					13.5				
18.0	14.1	13.9	13.1	12.4	11.9	13.6	12.5				12.4			9.1	
20.0			12.1	11.6	11.2	12.5	11.7				11.5			9.1	
22.0				10.7	10.5		10.8	9.8				9.6		9.1	
24.0								9.2	8.5			9.0		9.1	8.3
26.0									8.1	7.7			7.5		7.8
28.0										7.4			7.1		
θ (°)	75 to 84.5	77 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	79 to 84.5	79 to 84.5	78 to 84.5	79 to 84.5	80 to 84.5	77 to 84.5	80 to 84.5
Standard hook block	35t													12.2t	
Hook block weight	950kg													440kg	
Standard number of parts of line	2													1	

Counterweight 25t, outrigger extension width 8.5m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m				24.1m		31.0m	
Load radius	Offset					Offset				Offset		Offset	
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	5°	15°	5°	15°
12.0	14.6												
14.0	14.6	14.5											
16.0	13.9	13.2				12.0							
18.0		12.1	11.2			11.6	10.7			9.4			
20.0			10.4	9.9	9.5		9.8			9.4		6.4	
22.0					8.9			8.3			8.5	6.4	
24.0											7.9		
26.0									6.9				6.4
θ (°)	78 to 84.5	78 to 84.5	78 to 84.5	80 to 84.5	79 to 84.5	79 to 84.5	80 to 84.5	82 to 84.5	81 to 84.5	80 to 84.5	80 to 84.5	81 to 84.5	82 to 84.5
Standard hook block	35t					12.2t							
Hook block weight	950kg					440kg							
Standard number of parts of line	2					1							

Counterweight 25t, outrigger extension width 8.5m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m				17.2m		24.1m	31.0m
Load radius	Offset				Offset		Offset	Offset
(m)	5°	15°	30°	45°	5°	15°	5°	5°
14.0	12.0							
16.0	12.0	11.6			8.0			
18.0			9.9		8.0		7.1	
20.0				8.8		8.0		5.7
θ (°)	80 to 84.5	81 to 84.5	82 to 84.5	81 to 84.5	81 to 84.5	82 to 84.5	83 to 84.5	83 to 84.5
Standard hook block	12.2t							
Hook block weight	440kg							
Standard number of parts of line	1							

Full Automatic Luffing Jib

Counterweight 25t, outrigger extension width 8.0m
40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m) / Load radius (m)	10.3m Offset					17.2m Offset					24.1m Offset					31.0m Offset			
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°
9.0	38.4																		
10.0	36.0					16.7													
11.0	33.8	31.6				16.7													
12.0	31.9	30.2				16.7													
14.0	24.3	26.6	25.2			16.7	16.7				16.0								
16.0	17.3	19.1	21.6	22.1	21.1	16.7	16.7				15.5					10.9			
18.0	11.8	13.7	15.9	17.4	18.4	15.3	16.7	16.7			15.0	13.5				10.8			
20.0			11.3	12.8	13.6	11.1	13.5	15.9			13.5	13.0				10.5			
22.0					9.5		10.0	12.7	14.0		10.1	12.5				10.3	9.2		
24.0								9.7	11.6	12.8		10.0	10.8			9.7	8.8		
26.0									8.8	9.9			10.5				8.4		
28.0										7.2			8.2	9.3			7.9		
30.0														8.3	8.5			6.7	
32.0															7.6			6.5	
34.0																			
36.0																			5.5
θ (°)	72 to 84.5	74 to 84.5	74 to 84.5	75 to 84.5	73 to 84.5	74 to 84.5	74 to 84.5	76 to 84.5	77 to 84.5	76 to 84.5	74 to 84.5	76 to 84.5	77 to 84.5	79 to 84.5	79 to 84.5	75 to 84.5	76 to 84.5	78 to 84.5	80 to 84.5
Standard hook block	80t					35t										12.2t			
Hook block weight	1550kg					950kg										440kg			
Standard number of parts of line	4					2										1			

Counterweight 25t, outrigger extension width 8.0m
45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m) / Load radius (m)	10.3m Offset					17.2m Offset					24.1m Offset				31.0m Offset		
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	5°	15°	30°
10.0	29.5																
11.0	27.8																
12.0	26.3	24.5				16.7											
14.0	23.6	22.2	20.6			16.7					15.3						
16.0	17.5	19.3	19.0	18.0		16.7	16.7				14.8				10.4		
18.0		13.9	16.1	16.7	16.2	15.2	16.7				14.4				10.3		
20.0			11.5	13.1	13.9		13.4	14.3			13.2	12.8			10.1		
22.0					9.8			12.7				12.4			9.9	9.0	
24.0								9.6	11.6			9.7				8.7	
26.0									8.8	10.0			10.3			8.3	
28.0																	
30.0														8.2			6.6
θ (°)	76 to 84.5	76 to 84.5	76 to 84.5	77 to 84.5	76 to 84.5	78 to 84.5	78 to 84.5	78 to 84.5	78 to 84.5	79 to 84.5	77 to 84.5	78 to 84.5	81 to 84.5	82 to 84.5	78 to 84.5	79 to 84.5	82 to 84.5
Standard hook block	35t					35t									12.2t		
Hook block weight	950kg					950kg									440kg		
Standard number of parts of line	3					2									1		

Counterweight 25t, outrigger extension width 8.0m
50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m) / Load radius (m)	10.3m Offset					17.2m Offset					24.1m Offset			31.0m Offset	
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	5°	15°
11.0	21.2														
12.0	20.0														
14.0	17.8	16.8				16.5									
16.0	16.0	15.2	14.2			15.0					13.5				
18.0		13.9	13.1	12.4	11.9	13.6	12.5				12.4			9.1	
20.0				11.6	11.2		11.7				11.5			9.1	
22.0								9.8				9.6		9.1	
24.0									8.5						8.3
26.0										7.7			7.5		
θ (°)	77 to 84.5	79 to 84.5	79 to 84.5	79 to 84.5	79 to 84.5	78 to 84.5	79 to 84.5	80 to 84.5	81 to 84.5	81 to 84.5	78 to 84.5	80 to 84.5	82 to 84.5	79 to 84.5	82 to 84.5
Standard hook block	35t													12.2t	
Hook block weight	950kg													440kg	
Standard number of parts of line	2													1	

Counterweight 25t, outrigger extension width 8.0m
55.6m boom + 2.3m + full automatic luffing jib

Unit: t

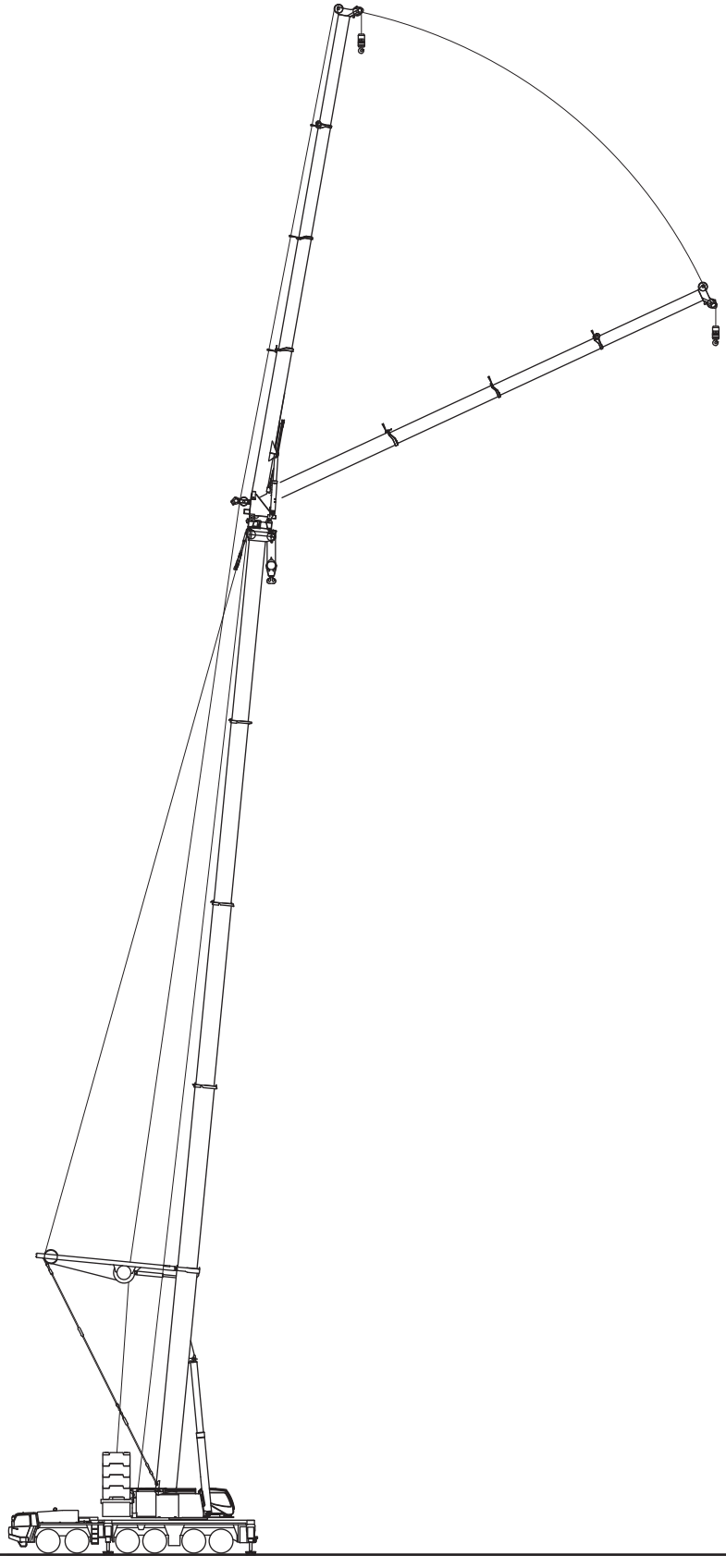
Jib length (m) / Load radius (m)	10.3m Offset					17.2m Offset			24.1m Offset		31.0m Offset
	5°	15°	30°	45°	60°	5°	15°	30°	5°	15°	5°
12.0	14.6										
14.0	14.6	14.5									
16.0	13.9	13.2				12.0					
18.0			11.2			11.6	10.7		9.4		
20.0				9.9	9.5						6.4
22.0								8.3		8.5	
θ (°)	78 to 84.5	80 to 84.5	80 to 84.5	80 to 84.5	81 to 84.5	79 to 84.5	82 to 84.5	82 to 84.5	82 to 84.5	82 to 84.5	83 to 84.5
Standard hook block	35t					12.2t					
Hook block weight	950kg					440kg					
Standard number of parts of line	2					1					

Counterweight 25t, outrigger extension width 8.0m
60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m) / Load radius (m)	10.3m Offset			17.2m Offset	24.1m Offset
	5°	15°	30°	5°	5°
14.0	12.0				
16.0		11.6		8.0	
18.0			9.9		7.1
θ (°)	82 to 84.5	81 to 84.5	82 to 84.5	83 to 84.5	83 to 84.5
Standard hook block	12.2t				
Hook block weight	440kg				
Standard number of parts of line	1				

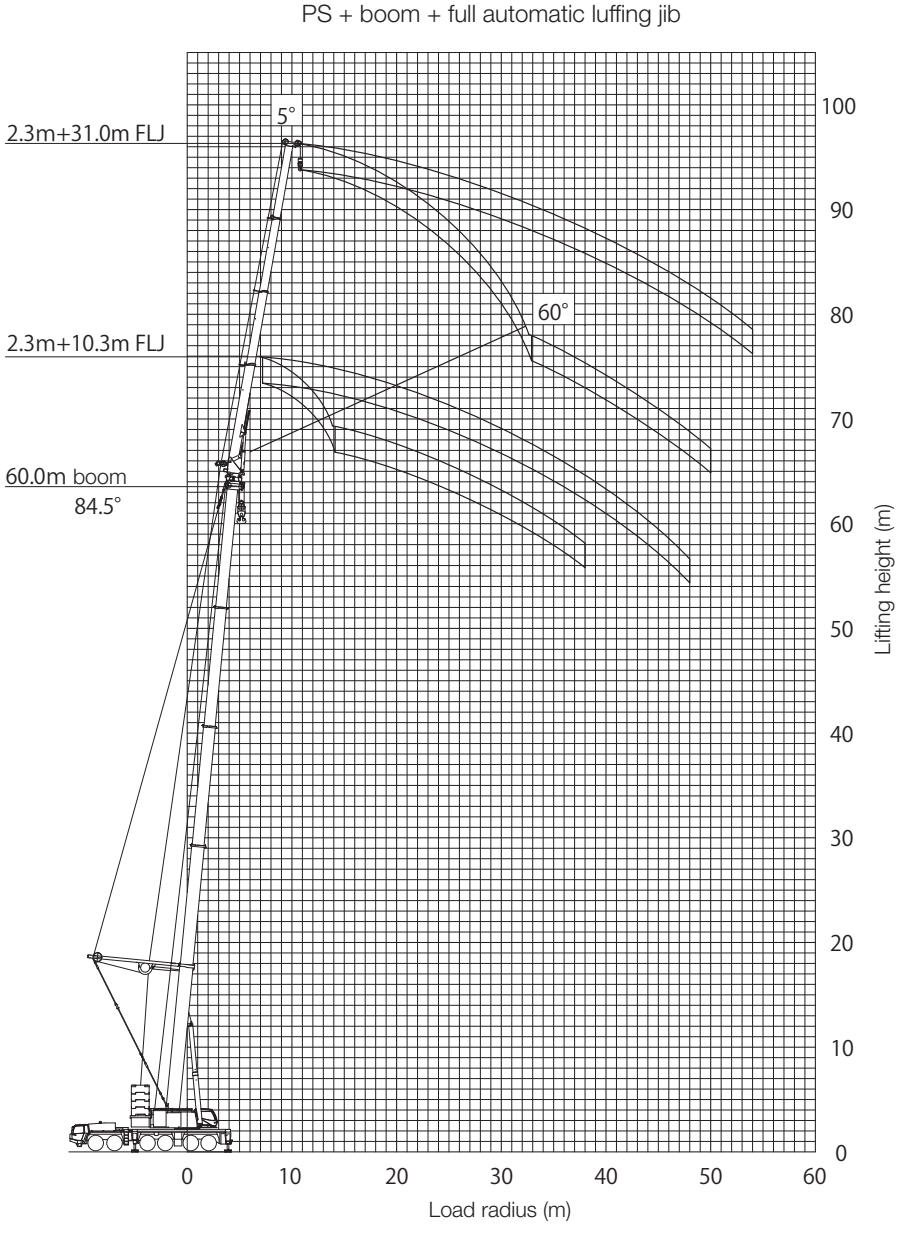
ALL TERRAIN CRANE
ATF400G-6
PS + Full Automatic Luffing Jib



PS：Power System

PS + Full Automatic Luffing Jib

Working range chart for PS + boom + full automatic luffing jib (FLJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 138t and outrigger extension width 8.5m.

Rated lifting capacity table for PS + boom + full automatic luffing jib (FLJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	○	○	○	○	○	○	○
8.0 m		○	○	○	○	○	
6.8 m				○	○	○	

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom and jib deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	40.4 m	45.4 m	50.5 m	55.6 m	60.0 m
Telescopic section 1	90	90	90	90	100
Telescopic section 2	90	90	90	90	100
Telescopic section 3	45	90	90	90	100
Telescopic section 4	0	0	45	90	100

◆ When the boom length is less than 40.4m, the capacity setting is not made. Also, when the B pins (boom fixing pins) are not inserted, operation is not allowed.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	3	2	1
Maximum load	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "Offset" indicates an angle formed between the boom centerline and jib centerline.

◆ "θ (°)" indicates the boom angle range in which no-load operation is enabled.

PS + Full Automatic Luffing Jib

Counterweight 138t, outrigger extension width 8.5m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.7	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	27.9	27.2	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	24.6	24.2	23.7	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	21.8	21.5	21.2	21.1	21.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	19.4	19.2	19.0	18.9	19.0	16.7	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	17.2	17.1	17.0	17.0	17.1	16.6	16.4	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	15.3	15.3	15.2	15.2		15.0	14.9	14.7	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	13.6	13.6	13.6	13.7		13.5	13.4	13.5	12.8	12.3	12.4	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0	12.1	12.1	12.2	12.2		12.1	12.1	12.2	12.3	12.2	11.8	11.1	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0	10.8	10.8	10.8	10.9		10.9	11.0	11.1	11.2	11.3	10.7	10.7	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0	9.5	9.6	9.6	9.6		9.8	9.9	10.0	10.1		9.7	9.8	9.3	8.6	8.1	8.0	7.1	6.1	5.4	5.2
40.0	8.4	8.5	8.5			8.8	8.9	9.0	9.1		8.8	8.9	9.1	8.4	8.1	7.7	6.9	5.9	5.3	5.1
42.0	7.4	7.4	7.5			7.8	7.9	8.1	8.2		8.0	8.1	8.3	8.3	8.0	7.5	6.7	5.8	5.2	5.1
44.0	6.4	6.5	6.5			7.0	7.1	7.2	7.3		7.2	7.3	7.6	7.8		7.2	6.5	5.6	5.2	5.0
46.0	5.4	5.6				6.2	6.3	6.4			6.5	6.6	6.9	7.1		6.7	6.3	5.5	5.1	5.0
48.0	2.7	3.1				5.4	5.6	5.7			5.8	6.0	6.2	6.4		6.1	6.1	5.3	5.1	5.0
50.0						4.8	4.9	4.9			5.2	5.4	5.6	5.7		5.5	5.7	5.2	5.0	4.9
54.0						3.1	3.6				4.1	4.2	4.4			4.5	4.7	5.0	4.9	
58.0											3.1	3.2	3.3			3.6	3.7	4.0	4.1	
62.0												1.8				2.7	2.9	3.1		
66.0																2.0	2.1	2.2		
θ (°)	22 to 84.5	23 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	26 to 84.5	28 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	31 to 84.5	24 to 84.5	37 to 84.5	53 to 84.5	66 to 84.5	28 to 84.5	32 to 84.5	36 to 84.5	53 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 138t, outrigger extension width 8.5m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	26.2	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	23.0	22.6	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	20.3	20.0	19.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	18.0	17.8	17.6	17.5	17.6	16.7	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	15.9	15.8	15.7	15.7	15.8	15.4	15.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	14.1	14.0	14.0	14.0	14.1	13.7	13.7	13.7	13.3	12.5	12.9	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	12.4	12.4	12.5	12.5		12.3	12.3	12.4	12.5	12.4	11.9	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0	11.0	11.0	11.1	11.1		11.0	11.0	11.2	11.3	11.5	10.7	10.8	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0	9.6	9.7	9.8	9.8		9.8	9.9	10.0	10.2	10.3	9.7	9.8	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0	8.5	8.5	8.6	8.6		8.7	8.9	9.0	9.2	9.3	8.8	8.9	9.1	8.7	8.1	8.2	7.2	6.2	5.4	5.2
40.0	7.4	7.4	7.5	7.6		7.8	7.9	8.1	8.2		7.9	8.0	8.3	8.5	8.1	7.9	7.0	6.0	5.3	5.2
42.0	6.4	6.5	6.5			6.9	7.0	7.2	7.3		7.1	7.2	7.5	7.7	8.0	7.2	6.8	5.8	5.2	5.1
44.0	5.5	5.5	5.6			6.0	6.2	6.4	6.5		6.3	6.5	6.8	7.0	7.2	6.5	6.6	5.7	5.1	5.0
46.0	4.6	4.7	4.8			5.3	5.4	5.6	5.7		5.6	5.8	6.1	6.3		5.9	6.1	5.5	5.1	5.0
48.0	3.9	3.9	3.9			4.6	4.7	4.9	4.9		5.0	5.2	5.4	5.6		5.3	5.5	5.4	5.1	4.9
50.0	3.1	3.2				3.9	4.0	4.2			4.4	4.6	4.8	5.0		4.8	5.0	5.3	5.0	4.9
54.0						2.7	2.8	2.9			3.3	3.5	3.7	3.8		3.7	4.0	4.3	4.5	
58.0						1.7	1.7				2.3	2.5	2.7			2.8	3.0	3.3	3.5	
62.0											1.5	1.6	1.7			2.0	2.2	2.5	2.6	
66.0																	1.5	1.6		
θ (°)	30 to 84.5	31 to 84.5	36 to 84.5	51 to 84.5	66 to 84.5	28 to 84.5	29 to 84.5	39 to 84.5	50 to 84.5	65 to 84.5	32 to 84.5	36 to 84.5	39 to 84.5	54 to 84.5	68 to 84.5	41 to 84.5	40 to 84.5	44 to 84.5	53 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 138t, outrigger extension width 8.5m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	15.1	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	14.3	13.2	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	13.2	12.6	11.6	11.0	10.7	11.3	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	11.7	11.7	11.1	10.5	10.3	10.7	9.7	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0	10.3	10.3	10.3	10.2	10.0	10.1	9.3	8.4	7.8	7.5	8.7	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0	9.0	9.1	9.2	9.2		9.2	8.8	8.0	7.5	7.2	8.2	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0	7.9	8.0	8.0	8.1		8.2	8.2	7.7	7.1	6.9	7.8	7.1	6.3	5.7	5.4	7.1	6.4	5.6	5.1	4.7
40.0	6.8	6.9	7.0	7.1		7.2	7.3	7.3	6.8	6.6	7.3	6.7	5.9	5.4	5.1	6.7	6.1	5.3	4.8	4.4
42.0	5.9	6.0	6.1	6.1		6.3	6.5	6.7	6.5		6.5	6.3	5.6	5.2	4.9	6.4	5.7	5.0	4.5	4.2
44.0	5.0	5.1	5.2	5.2		5.5	5.7	5.9	6.0		5.8	5.9	5.3	4.9	4.7	6.0	5.4	4.7	4.3	4.0
46.0	4.2	4.3	4.4			4.8	5.0	5.1	5.3		5.1	5.3	5.0	4.7	4.5	5.4	5.1	4.5	4.1	3.8
48.0	3.4	3.5	3.6			4.1	4.3	4.5	4.6		4.5	4.7	4.7	4.4	4.3	4.8	4.7	4.2	3.8	3.6
50.0	2.7	2.8	2.9			3.5	3.6	3.8	3.9		3.9	4.1	4.4	4.2		4.3	4.5	4.0	3.6	3.5
54.0	1.5	1.5				2.3	2.5	2.6			2.8	3.1	3.3	3.5		3.3	3.5	3.5	3.3	3.1
58.0								1.5			1.9	2.1	2.3	2.4		2.4	2.6	2.9	2.9	
62.0																1.6	1.9	2.1	2.3	
66.0																			1.5	
θ (°)	31 to 84.5	32 to 84.5	40 to 84.5	50 to 84.5	63 to 84.5	41 to 84.5	43 to 84.5	39 to 84.5	52 to 84.5	66 to 84.5	44 to 84.5	47 to 84.5	50 to 84.5	52 to 84.5	65 to 84.5	46 to 84.5	50 to 84.5	55 to 84.5	52 to 84.5	68 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 138t, outrigger extension width 8.5m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	11.3	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	10.3	9.7	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	9.4	8.9	8.3	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0	8.7	8.2	7.6	7.3	7.1	7.5	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0	7.9	7.5	7.0	6.8	6.6	6.9	6.4	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0	7.3	6.9	6.5	6.3		6.3	5.9	5.4	5.1	4.9	5.9	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0	6.4	6.3	6.0	5.8		5.7	5.4	5.0	4.7	4.6	5.4	5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0	5.4	5.5	5.5	5.3		5.2	4.9	4.6	4.3	4.2	5.0	4.6	4.2	4.0	3.8	4.6	4.2	3.8	3.6	3.4
44.0	4.6	4.7	4.8	4.8		4.8	4.5	4.2	4.0		4.5	4.2	3.9	3.7	3.5	4.2	3.9	3.5	3.3	3.1
46.0	3.8	3.9	4.0	4.0		4.3	4.1	3.8	3.7		4.1	3.9	3.6	3.4	3.2	3.8	3.5	3.2	3.0	2.9
48.0	3.0	3.1	3.2	3.3		3.7	3.7	3.5	3.4		3.7	3.5	3.3	3.1	3.0	3.5	3.2	3.0	2.8	2.7
50.0	2.4	2.5	2.5			3.0	3.2	3.2	3.1		3.4	3.2	3.0	2.8	2.7	3.1	2.9	2.7	2.5	2.4
54.0						1.9	2.1	2.3	2.3		2.5	2.6	2.4	2.3		2.5	2.4	2.2	2.1	2.0
58.0											1.6	1.8	2.0	1.9		2.0	1.9	1.8	1.7	
62.0																	1.5			
θ (°)	44 to 84.5	45 to 84.5	46 to 84.5	50 to 84.5	64 to 84.5	46 to 84.5	48 to 84.5	51 to 84.5	52 to 84.5	66 to 84.5	49 to 84.5	52 to 84.5	55 to 84.5	57 to 84.5	67 to 84.5	55 to 84.5	54 to 84.5	62 to 84.5	66 to 84.5	71 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

PS + Full Automatic Luffing Jib

Counterweight 138t, outrigger extension width 8.5m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	9.2	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0	8.3	7.6	7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0	7.4	6.9	6.3	6.0	5.9	6.6	5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0	6.6	6.2	5.7	5.5	5.4	5.9	5.4	4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0	5.9	5.5	5.1	4.9	4.9	5.3	4.8	4.4	4.1	4.0	4.6	4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0	5.3	5.0	4.6	4.5		4.7	4.3	4.0	3.7	3.7	4.1	3.8	3.4	3.1	3.0	3.7	3.4	3.0	2.8	
42.0	4.4	4.4	4.1	4.0		4.2	3.9	3.6	3.4	3.3	3.7	3.4	3.0	2.8	2.8	3.3	3.0	2.7	2.5	2.4
44.0	3.6	3.7	3.7	3.6		3.7	3.5	3.2	3.0	3.0	3.3	3.0	2.7	2.6	2.5	3.0	2.7	2.4	2.3	2.2
46.0	2.8	2.9	3.1	3.1		3.3	3.1	2.8	2.7		2.9	2.7	2.4	2.3	2.3	2.6	2.4	2.2	2.0	2.0
48.0	2.1	2.2	2.4	2.4		2.9	2.7	2.5	2.4		2.6	2.4	2.2	2.1	2.0	2.3	2.1	1.9	1.8	1.8
50.0		1.6	1.7	1.7		2.2	2.4	2.2	2.1		2.2	2.1	1.9	1.8	1.8	2.0	1.9	1.7	1.6	1.6
54.0								1.6	1.6		1.6	1.5				1.5				
θ (°)	51 to 84.5	50 to 84.5	51 to 84.5	52 to 84.5	65 to 84.5	55 to 84.5	57 to 84.5	55 to 84.5	56 to 84.5	67 to 84.5	56 to 84.5	58 to 84.5	65 to 84.5	68 to 84.5	69 to 84.5	60 to 84.5	66 to 84.5	71 to 84.5	75 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 118t, outrigger extension width 8.5m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.7	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	27.9	27.2	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	24.6	24.2	23.7	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	21.8	21.5	21.2	21.1	21.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	19.4	19.2	19.0	18.9	19.0	16.7	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	17.2	17.1	17.0	17.0	17.1	16.6	16.4	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	15.3	15.3	15.2	15.2		15.0	14.9	14.7	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	13.6	13.6	13.6	13.7		13.5	13.4	13.5	12.8	12.3	12.4	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0	12.1	12.1	12.2	12.2		12.1	12.1	12.2	12.3	12.2	11.8	11.1	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0	10.8	10.8	10.8	10.9		10.9	11.0	11.1	11.2	11.3	10.7	10.7	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0	9.5	9.6	9.6	9.6		9.8	9.9	10.0	10.1		9.7	9.8	9.3	8.6	8.1	8.0	7.1	6.1	5.4	5.2
40.0	8.4	8.5	8.5			8.8	8.9	9.0	9.1		8.8	8.9	9.1	8.4	8.1	7.7	6.9	5.9	5.3	5.1
42.0	7.4	7.4	7.5			7.8	7.9	8.1	8.2		8.0	8.1	8.3	8.3	8.0	7.5	6.7	5.8	5.2	5.1
44.0	6.3	6.5	6.5			7.0	7.1	7.2	7.3		7.2	7.3	7.6	7.8		7.2	6.5	5.6	5.2	5.0
46.0	4.8	5.0				6.2	6.3	6.4			6.5	6.6	6.9	7.1		6.7	6.3	5.5	5.1	5.0
48.0	2.7	3.1				5.4	5.6	5.7			5.8	6.0	6.2	6.4		6.1	6.1	5.3	5.1	5.0
50.0						4.8	4.9	4.9			5.2	5.4	5.6	5.7		5.5	5.7	5.2	5.0	4.9
54.0						3.0	3.2				4.1	4.2	4.4			4.5	4.7	5.0	4.9	
58.0											3.1	3.2	3.3			3.6	3.7	4.0	4.1	
62.0												1.8				2.7	2.9	3.1		
66.0																2.0	2.1	2.2		
θ (°)	22 to 84.5	23 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	26 to 84.5	28 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	31 to 84.5	24 to 84.5	37 to 84.5	53 to 84.5	66 to 84.5	28 to 84.5	32 to 84.5	36 to 84.5	53 to 84.5	66 to 84.5
Standard hook block	80t					35t					12.2t									
Hook block weight	1550kg					950kg					440kg									
Standard number of parts of line	4					2					1									

Counterweight 118t, outrigger extension width 8.5m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	26.2	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	23.0	22.6	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	20.3	20.0	19.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	18.0	17.8	17.6	17.5	17.6	16.7	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	15.9	15.8	15.7	15.7	15.8	15.4	15.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	14.1	14.0	14.0	14.0	14.1	13.7	13.7	13.7	13.3	12.5	12.9	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	12.4	12.4	12.5	12.5		12.3	12.3	12.4	12.5	12.4	11.9	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0	11.0	11.0	11.1	11.1		11.0	11.0	11.2	11.3	11.5	10.7	10.8	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0	9.6	9.7	9.8	9.8		9.8	9.9	10.0	10.2	10.3	9.7	9.8	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0	8.5	8.5	8.6	8.6		8.7	8.9	9.0	9.2	9.3	8.8	8.9	9.1	8.7	8.1	8.2	7.2	6.2	5.4	5.2
40.0	7.4	7.4	7.5	7.6		7.8	7.9	8.1	8.2		7.9	8.0	8.3	8.5	8.1	7.9	7.0	6.0	5.3	5.2
42.0	6.4	6.5	6.5			6.9	7.0	7.2	7.3		7.1	7.2	7.5	7.7	8.0	7.2	6.8	5.8	5.2	5.1
44.0	5.5	5.5	5.6			6.0	6.2	6.4	6.5		6.3	6.5	6.8	7.0	7.2	6.5	6.6	5.7	5.1	5.0
46.0	4.6	4.7	4.8			5.3	5.4	5.6	5.7		5.6	5.8	6.1	6.3		5.9	6.1	5.5	5.1	5.0
48.0	3.7	3.9	3.9			4.6	4.7	4.9	4.9		5.0	5.2	5.4	5.6		5.3	5.5	5.4	5.1	4.9
50.0	2.5	2.7				3.9	4.0	4.2			4.4	4.6	4.8	5.0		4.8	5.0	5.3	5.0	4.9
54.0						2.7	2.8	2.9			3.3	3.5	3.7	3.8		3.7	4.0	4.3	4.5	
58.0											2.3	2.5	2.7			2.8	3.0	3.3	3.5	
62.0											1.5	1.6	1.7			2.0	2.2	2.5	2.6	
66.0																	1.5	1.6		
θ (°)	30 to 84.5	31 to 84.5	36 to 84.5	51 to 84.5	66 to 84.5	36 to 84.5	38 to 84.5	39 to 84.5	50 to 84.5	65 to 84.5	32 to 84.5	36 to 84.5	39 to 84.5	54 to 84.5	68 to 84.5	41 to 84.5	40 to 84.5	44 to 84.5	53 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 118t, outrigger extension width 8.5m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	15.1	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	14.3	13.2	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	13.2	12.6	11.6	11.0	10.7	11.3	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	11.7	11.7	11.1	10.5	10.3	10.7	9.7	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0	10.3	10.3	10.3	10.2	10.0	10.1	9.3	8.4	7.8	7.5	8.7	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0	9.0	9.1	9.2	9.2		9.2	8.8	8.0	7.5	7.2	8.2	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0	7.9	8.0	8.0	8.1		8.2	8.2	7.7	7.1	6.9	7.8	7.1	6.3	5.7	5.4	7.1	6.4	5.6	5.1	4.7
40.0	6.8	6.9	7.0	7.1		7.2	7.3	7.3	6.8	6.6	7.3	6.7	5.9	5.4	5.1	6.7	6.1	5.3	4.8	4.4
42.0	5.9	6.0	6.1	6.1		6.3	6.5	6.7	6.5		6.5	6.3	5.6	5.2	4.9	6.4	5.7	5.0	4.5	4.2
44.0	5.0	5.1	5.2	5.2		5.5	5.7	5.9	6.0		5.8	5.9	5.3	4.9	4.7	6.0	5.4	4.7	4.3	4.0
46.0	4.2	4.3	4.4			4.8	5.0	5.1	5.3		5.1	5.3	5.0	4.7	4.5	5.4	5.1	4.5	4.1	3.8
48.0	3.4	3.5	3.6			4.1	4.3	4.5	4.6		4.5	4.7	4.7	4.4	4.3	4.8	4.7	4.2	3.8	3.6
50.0	2.7	2.8	2.9			3.5	3.6	3.8	3.9		3.9	4.1	4.4	4.2		4.3	4.5	4.0	3.6	3.5
54.0						2.3	2.5	2.6			2.8	3.1	3.3	3.5		3.3	3.5	3.5	3.3	3.1
58.0								1.5			1.9	2.1	2.3	2.4		2.4	2.6	2.9	2.9	
62.0																1.6	1.9	2.1	2.3	
66.0																			1.5	
θ (°)	38 to 84.5	39 to 84.5	40 to 84.5	50 to 84.5	63 to 84.5	41 to 84.5	43 to 84.5	39 to 84.5	52 to 84.5	66 to 84.5	44 to 84.5	47 to 84.5	50 to 84.5	52 to 84.5	65 to 84.5	46 to 84.5	50 to 84.5	55 to 84.5	52 to 84.5	68 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

PS + Full Automatic Luffing Jib

Counterweight 118t, outrigger extension width 8.5m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	11.3	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	10.3	9.7	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	9.4	8.9	8.3	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0	8.7	8.2	7.6	7.3	7.1	7.5	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0	7.9	7.5	7.0	6.8	6.6	6.9	6.4	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0	7.3	6.9	6.5	6.3		6.3	5.9	5.4	5.1	4.9	5.9	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0	6.4	6.3	6.0	5.8		5.7	5.4	5.0	4.7	4.6	5.4	5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0	5.4	5.5	5.5	5.3		5.2	4.9	4.6	4.3	4.2	5.0	4.6	4.2	4.0	3.8	4.6	4.2	3.8	3.6	3.4
44.0	4.6	4.7	4.8	4.8		4.8	4.5	4.2	4.0		4.5	4.2	3.9	3.7	3.5	4.2	3.9	3.5	3.3	3.1
46.0	3.8	3.9	4.0	4.0		4.3	4.1	3.8	3.7		4.1	3.9	3.6	3.4	3.2	3.8	3.5	3.2	3.0	2.9
48.0	3.0	3.1	3.2	3.3		3.7	3.7	3.5	3.4		3.7	3.5	3.3	3.1	3.0	3.5	3.2	3.0	2.8	2.7
50.0	2.4	2.5	2.5			3.0	3.2	3.2	3.1		3.4	3.2	3.0	2.8	2.7	3.1	2.9	2.7	2.5	2.4
54.0						1.9	2.1	2.3	2.3		2.5	2.6	2.4	2.3		2.5	2.4	2.2	2.1	2.0
58.0											1.6	1.8	2.0	1.9		2.0	1.9	1.8	1.7	
62.0																	1.5			
θ (°)	44 to 84.5	45 to 84.5	46 to 84.5	50 to 84.5	64 to 84.5	46 to 84.5	48 to 84.5	51 to 84.5	52 to 84.5	66 to 84.5	49 to 84.5	52 to 84.5	55 to 84.5	57 to 84.5	67 to 84.5	55 to 84.5	54 to 84.5	62 to 84.5	66 to 84.5	71 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 118t, outrigger extension width 8.5m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	9.2	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0	8.3	7.6	7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0	7.4	6.9	6.3	6.0	5.9	6.6	5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0	6.6	6.2	5.7	5.5	5.4	5.9	5.4	4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0	5.9	5.5	5.1	4.9	4.9	5.3	4.8	4.4	4.1	4.0	4.6	4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0	5.3	5.0	4.6	4.5		4.7	4.3	4.0	3.7	3.7	4.1	3.8	3.4	3.1	3.0	3.7	3.4	3.0	2.8	
42.0	4.4	4.4	4.1	4.0		4.2	3.9	3.6	3.4	3.3	3.7	3.4	3.0	2.8	2.8	3.3	3.0	2.7	2.5	2.4
44.0	3.6	3.7	3.7	3.6		3.7	3.5	3.2	3.0	3.0	3.3	3.0	2.7	2.6	2.5	3.0	2.7	2.4	2.3	2.2
46.0	2.8	2.9	3.1	3.1		3.3	3.1	2.8	2.7		2.9	2.7	2.4	2.3	2.3	2.6	2.4	2.2	2.0	2.0
48.0	2.1	2.2	2.4	2.4		2.9	2.7	2.5	2.4		2.6	2.4	2.2	2.1	2.0	2.3	2.1	1.9	1.8	1.8
50.0		1.6	1.7	1.7		2.2	2.4	2.2	2.1		2.2	2.1	1.9	1.8	1.8	2.0	1.9	1.7	1.6	1.6
54.0								1.6	1.6		1.6	1.5				1.5				
θ (°)	51 to 84.5	50 to 84.5	51 to 84.5	52 to 84.5	65 to 84.5	55 to 84.5	57 to 84.5	55 to 84.5	56 to 84.5	67 to 84.5	56 to 84.5	58 to 84.5	65 to 84.5	68 to 84.5	69 to 84.5	60 to 84.5	66 to 84.5	71 to 84.5	75 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 118t, outrigger extension width 8.0m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.7	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	27.9	27.2	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	24.6	24.2	23.7	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	21.8	21.5	21.2	21.1	21.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	19.4	19.2	19.0	18.9	19.0	16.7	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	17.2	17.1	17.0	17.0	17.1	16.6	16.4	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	15.3	15.3	15.2	15.2		15.0	14.9	14.7	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	13.6	13.6	13.6	13.7		13.5	13.4	13.5	12.8	12.3	12.4	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0	12.1	12.1	12.2	12.2		12.1	12.1	12.2	12.3	12.2	11.8	11.1	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0	10.8	10.8	10.8	10.9		10.9	11.0	11.1	11.2	11.3	10.7	10.7	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0	9.5	9.6	9.6	9.6		9.8	9.9	10.0	10.1		9.7	9.8	9.3	8.6	8.1	8.0	7.1	6.1	5.4	5.2
40.0	8.4	8.5	8.5			8.8	8.9	9.0	9.1		8.8	8.9	9.1	8.4	8.1	7.7	6.9	5.9	5.3	5.1
42.0	7.3	7.4	7.5			7.8	7.9	8.1	8.2		8.0	8.1	8.3	8.3	8.0	7.5	6.7	5.8	5.2	5.1
44.0	5.7	6.0	6.2			7.0	7.1	7.2	7.3		7.2	7.3	7.6	7.8		7.2	6.5	5.6	5.2	5.0
46.0	4.3	4.5				6.2	6.3	6.4			6.5	6.6	6.9	7.1		6.7	6.3	5.5	5.1	5.0
48.0	2.7	3.1				5.4	5.6	5.7			5.8	6.0	6.2	6.4		6.1	6.1	5.3	5.1	5.0
50.0						4.7	4.9	4.9			5.2	5.4	5.6	5.7		5.5	5.7	5.2	5.0	4.9
54.0						2.5	2.8				4.1	4.2	4.4			4.5	4.7	5.0	4.9	
58.0											2.9	3.2	3.3			3.6	3.7	4.0	4.1	
62.0												1.5				2.7	2.9	3.1		
66.0																1.8	2.1	2.2		
θ (°)	22 to 84.5	23 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	26 to 84.5	28 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	31 to 84.5	24 to 84.5	37 to 84.5	53 to 84.5	66 to 84.5	28 to 84.5	32 to 84.5	36 to 84.5	53 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 118t, outrigger extension width 8.0m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	26.2	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	23.0	22.6	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	20.3	20.0	19.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	18.0	17.8	17.6	17.5	17.6	16.7	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	15.9	15.8	15.7	15.7	15.8	15.4	15.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	14.1	14.0	14.0	14.0	14.1	13.7	13.7	13.7	13.3	12.5	12.9	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	12.4	12.4	12.5	12.5		12.3	12.3	12.4	12.5	12.4	11.9	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0	11.0	11.0	11.1	11.1		11.0	11.0	11.2	11.3	11.5	10.7	10.8	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0	9.6	9.7	9.8	9.8		9.8	9.9	10.0	10.2	10.3	9.7	9.8	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0	8.5	8.5	8.6	8.6		8.7	8.9	9.0	9.2	9.3	8.8	8.9	9.1	8.7	8.1	8.2	7.2	6.2	5.4	5.2
40.0	7.4	7.4	7.5	7.6		7.8	7.9	8.1	8.2		7.9	8.0	8.3	8.5	8.1	7.9	7.0	6.0	5.3	5.2
42.0	6.4	6.5	6.5			6.9	7.0	7.2	7.3		7.1	7.2	7.5	7.7	8.0	7.2	6.8	5.8	5.2	5.1
44.0	5.5	5.5	5.6			6.0	6.2	6.4	6.5		6.3	6.5	6.8	7.0	7.2	6.5	6.6	5.7	5.1	5.0
46.0	4.5	4.7	4.8			5.3	5.4	5.6	5.7		5.6	5.8	6.1	6.3		5.9	6.1	5.5	5.1	5.0
48.0	3.2	3.5	3.6			4.6	4.7	4.9	4.9		5.0	5.2	5.4	5.6		5.3	5.5	5.4	5.1	4.9
50.0	2.0	2.2				3.9	4.0	4.2			4.4	4.6	4.8	5.0		4.8	5.0	5.3	5.0	4.9
54.0						2.5	2.8	2.9			3.3	3.5	3.7	3.8		3.7	4.0	4.3	4.5	
58.0											2.3	2.5	2.7			2.8	3.0	3.3	3.5	
62.0												1.6	1.7			2.0	2.2	2.5	2.6	
66.0																	1.5	1.6		
θ (°)	30 to 84.5	31 to 84.5	36 to 84.5	51 to 84.5	66 to 84.5	36 to 84.5	38 to 84.5	39 to 84.5	50 to 84.5	65 to 84.5	38 to 84.5	36 to 84.5	39 to 84.5	54 to 84.5	68 to 84.5	41 to 84.5	40 to 84.5	44 to 84.5	53 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

PS + Full Automatic Luffing Jib

Counterweight 118t, outrigger extension width 8.0m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	15.1	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	14.3	13.2	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	13.2	12.6	11.6	11.0	10.7	11.3	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	11.7	11.7	11.1	10.5	10.3	10.7	9.7	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0	10.3	10.3	10.3	10.2	10.0	10.1	9.3	8.4	7.8	7.5	8.7	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0	9.0	9.1	9.2	9.2		9.2	8.8	8.0	7.5	7.2	8.2	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0	7.9	8.0	8.0	8.1		8.2	8.2	7.7	7.1	6.9	7.8	7.1	6.3	5.7	5.4	7.1	6.4	5.6	5.1	4.7
40.0	6.8	6.9	7.0	7.1		7.2	7.3	7.3	6.8	6.6	7.3	6.7	5.9	5.4	5.1	6.7	6.1	5.3	4.8	4.4
42.0	5.9	6.0	6.1	6.1		6.3	6.5	6.7	6.5		6.5	6.3	5.6	5.2	4.9	6.4	5.7	5.0	4.5	4.2
44.0	5.0	5.1	5.2	5.2		5.5	5.7	5.9	6.0		5.8	5.9	5.3	4.9	4.7	6.0	5.4	4.7	4.3	4.0
46.0	4.2	4.3	4.4			4.8	5.0	5.1	5.3		5.1	5.3	5.0	4.7	4.5	5.4	5.1	4.5	4.1	3.8
48.0	3.4	3.5	3.6			4.1	4.3	4.5	4.6		4.5	4.7	4.7	4.4	4.3	4.8	4.7	4.2	3.8	3.6
50.0	2.3	2.6	2.9			3.5	3.6	3.8	3.9		3.9	4.1	4.4	4.2		4.3	4.5	4.0	3.6	3.5
54.0						2.3	2.5	2.6			2.8	3.1	3.3	3.5		3.3	3.5	3.5	3.3	3.1
58.0								1.5			1.9	2.1	2.3	2.4		2.4	2.6	2.9	2.9	
62.0																1.6	1.9	2.1	2.3	
66.0																			1.5	
θ (°)	38 to 84.5	39 to 84.5	40 to 84.5	50 to 84.5	63 to 84.5	41 to 84.5	43 to 84.5	39 to 84.5	52 to 84.5	66 to 84.5	44 to 84.5	47 to 84.5	50 to 84.5	52 to 84.5	65 to 84.5	46 to 84.5	50 to 84.5	55 to 84.5	52 to 84.5	68 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 118t, outrigger extension width 8.0m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	11.3	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	10.3	9.7	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	9.4	8.9	8.3	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0	8.7	8.2	7.6	7.3	7.1	7.5	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0	7.9	7.5	7.0	6.8	6.6	6.9	6.4	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0	7.3	6.9	6.5	6.3		6.3	5.9	5.4	5.1	4.9	5.9	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0	6.4	6.3	6.0	5.8		5.7	5.4	5.0	4.7	4.6	5.4	5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0	5.4	5.5	5.5	5.3		5.2	4.9	4.6	4.3	4.2	5.0	4.6	4.2	4.0	3.8	4.6	4.2	3.8	3.6	3.4
44.0	4.6	4.7	4.8	4.8		4.8	4.5	4.2	4.0		4.5	4.2	3.9	3.7	3.5	4.2	3.9	3.5	3.3	3.1
46.0	3.8	3.9	4.0	4.0		4.3	4.1	3.8	3.7		4.1	3.9	3.6	3.4	3.2	3.8	3.5	3.2	3.0	2.9
48.0	3.0	3.1	3.2	3.3		3.7	3.7	3.5	3.4		3.7	3.5	3.3	3.1	3.0	3.5	3.2	3.0	2.8	2.7
50.0	2.4	2.5	2.5			3.0	3.2	3.2	3.1		3.4	3.2	3.0	2.8	2.7	3.1	2.9	2.7	2.5	2.4
54.0						1.9	2.1	2.3	2.3		2.5	2.6	2.4	2.3		2.5	2.4	2.2	2.1	2.0
58.0											1.6	1.8	2.0	1.9		2.0	1.9	1.8	1.7	
62.0																	1.5			
θ (°)	44 to 84.5	45 to 84.5	46 to 84.5	50 to 84.5	64 to 84.5	46 to 84.5	48 to 84.5	51 to 84.5	52 to 84.5	66 to 84.5	49 to 84.5	52 to 84.5	55 to 84.5	57 to 84.5	67 to 84.5	55 to 84.5	54 to 84.5	62 to 84.5	66 to 84.5	71 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 118t, outrigger extension width 8.0m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	9.2	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0	8.3	7.6	7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0	7.4	6.9	6.3	6.0	5.9	6.6	5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0	6.6	6.2	5.7	5.5	5.4	5.9	5.4	4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0	5.9	5.5	5.1	4.9	4.9	5.3	4.8	4.4	4.1	4.0	4.6	4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0	5.3	5.0	4.6	4.5		4.7	4.3	4.0	3.7	3.7	4.1	3.8	3.4	3.1	3.0	3.7	3.4	3.0	2.8	
42.0	4.4	4.4	4.1	4.0		4.2	3.9	3.6	3.4	3.3	3.7	3.4	3.0	2.8	2.8	3.3	3.0	2.7	2.5	2.4
44.0	3.6	3.7	3.7	3.6		3.7	3.5	3.2	3.0	3.0	3.3	3.0	2.7	2.6	2.5	3.0	2.7	2.4	2.3	2.2
46.0	2.8	2.9	3.1	3.1		3.3	3.1	2.8	2.7		2.9	2.7	2.4	2.3	2.3	2.6	2.4	2.2	2.0	2.0
48.0	2.1	2.2	2.4	2.4		2.9	2.7	2.5	2.4		2.6	2.4	2.2	2.1	2.0	2.3	2.1	1.9	1.8	1.8
50.0		1.6	1.7	1.7		2.2	2.4	2.2	2.1		2.2	2.1	1.9	1.8	1.8	2.0	1.9	1.7	1.6	1.6
54.0								1.6	1.6		1.6	1.5				1.5				
θ (°)	51 to 84.5	50 to 84.5	51 to 84.5	52 to 84.5	65 to 84.5	55 to 84.5	57 to 84.5	55 to 84.5	56 to 84.5	67 to 84.5	56 to 84.5	58 to 84.5	65 to 84.5	68 to 84.5	69 to 84.5	60 to 84.5	66 to 84.5	71 to 84.5	75 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 98t, outrigger extension width 8.5m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.7	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	27.9	27.2	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	24.6	24.2	23.7	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	21.8	21.5	21.2	21.1	21.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	19.4	19.2	19.0	18.9	19.0	16.7	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	17.2	17.1	17.0	17.0	17.1	16.6	16.4	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	15.3	15.3	15.2	15.2		15.0	14.9	14.7	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	13.6	13.6	13.6	13.7		13.5	13.4	13.5	12.8	12.3	12.4	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0	11.7	12.1	12.2	12.2		12.1	12.1	12.2	12.3	12.2	11.8	11.1	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0	9.5	10.1	10.7	10.9		10.9	11.0	11.1	11.2	11.3	10.7	10.7	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0	7.5	8.0	8.5	8.7		9.8	9.9	10.0	10.1		9.7	9.8	9.3	8.6	8.1	8.0	7.1	6.1	5.4	5.2
40.0	5.7	6.2	6.6			8.8	8.9	9.0	9.1		8.8	8.9	9.1	8.4	8.1	7.7	6.9	5.9	5.3	5.1
42.0	4.2	4.5	4.8			7.2	7.9	8.1	8.2		8.0	8.1	8.3	8.3	8.0	7.5	6.7	5.8	5.2	5.1
44.0	2.7	3.0	3.2			5.8	6.5	7.2	7.3		7.2	7.3	7.6	7.8		7.2	6.5	5.6	5.2	5.0
46.0						4.4	5.1	5.7			6.5	6.6	6.9	7.1		6.7	6.3	5.5	5.1	5.0
48.0						3.2	3.8	4.3			5.5	6.0	6.2	6.4		6.1	6.1	5.3	5.1	5.0
50.0						2.1	2.6	2.9			4.4	5.2	5.6	5.7		5.5	5.7	5.2	5.0	4.9
54.0											2.4	3.0	3.7			4.4	4.7	5.0	4.9	
58.0													1.5			2.7	3.5	4.0	4.1	
62.0																	1.8	2.5		
θ (°)	33 to 84.5	35 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	35 to 84.5	37 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	38 to 84.5	42 to 84.5	37 to 84.5	53 to 84.5	66 to 84.5	41 to 84.5	39 to 84.5	44 to 84.5	53 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

PS + Full Automatic Luffing Jib

Counterweight 98t, outrigger extension width 8.5m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	26.2	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	23.0	22.6	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	20.3	20.0	19.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	18.0	17.8	17.6	17.5	17.6	16.7	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	15.9	15.8	15.7	15.7	15.8	15.4	15.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	14.1	14.0	14.0	14.0	14.1	13.7	13.7	13.7	13.3	12.5	12.9	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	12.4	12.4	12.5	12.5		12.3	12.3	12.4	12.5	12.4	11.9	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0	11.0	11.0	11.1	11.1		11.0	11.0	11.2	11.3	11.5	10.7	10.8	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0	9.6	9.7	9.8	9.8		9.8	9.9	10.0	10.2	10.3	9.7	9.8	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0	7.7	8.3	8.6	8.6		8.7	8.9	9.0	9.2	9.3	8.8	8.9	9.1	8.7	8.1	8.2	7.2	6.2	5.4	5.2
40.0	6.0	6.5	7.0	7.2		7.8	7.9	8.1	8.2		7.9	8.0	8.3	8.5	8.1	7.9	7.0	6.0	5.3	5.2
42.0	4.4	4.9	5.3			6.9	7.0	7.2	7.3		7.1	7.2	7.5	7.7	8.0	7.2	6.8	5.8	5.2	5.1
44.0	3.0	3.4	3.7			5.7	6.2	6.4	6.5		6.3	6.5	6.8	7.0	7.2	6.5	6.6	5.7	5.1	5.0
46.0	1.7	2.0	2.3			4.4	5.1	5.6	5.7		5.6	5.8	6.1	6.3		5.9	6.1	5.5	5.1	5.0
48.0						3.2	3.8	4.5	4.8		5.0	5.2	5.4	5.6		5.3	5.5	5.4	5.1	4.9
50.0						2.1	2.7	3.2			4.2	4.6	4.8	5.0		4.8	5.0	5.3	5.0	4.9
54.0											2.2	3.0	3.7	3.8		3.7	4.0	4.3	4.5	
58.0													1.8			2.5	3.0	3.3	3.5	
62.0																	1.7	2.5	2.6	
θ (°)	38 to 84.5	39 to 84.5	40 to 84.5	51 to 84.5	66 to 84.5	42 to 84.5	44 to 84.5	46 to 84.5	50 to 84.5	65 to 84.5	44 to 84.5	48 to 84.5	46 to 84.5	54 to 84.5	68 to 84.5	46 to 84.5	46 to 84.5	50 to 84.5	53 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 98t, outrigger extension width 8.5m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	15.1	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	14.3	13.2	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	13.2	12.6	11.6	11.0	10.7	11.3	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	11.7	11.7	11.1	10.5	10.3	10.7	9.7	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0	10.3	10.3	10.3	10.2	10.0	10.1	9.3	8.4	7.8	7.5	8.7	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0	9.0	9.1	9.2	9.2		9.2	8.8	8.0	7.5	7.2	8.2	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0	7.9	8.0	8.0	8.1		8.2	8.2	7.7	7.1	6.9	7.8	7.1	6.3	5.7	5.4	7.1	6.4	5.6	5.1	4.7
40.0	6.2	6.8	7.0	7.1		7.2	7.3	7.3	6.8	6.6	7.3	6.7	5.9	5.4	5.1	6.7	6.1	5.3	4.8	4.4
42.0	4.7	5.2	5.7	5.9		6.3	6.5	6.7	6.5		6.5	6.3	5.6	5.2	4.9	6.4	5.7	5.0	4.5	4.2
44.0	3.3	3.7	4.2	4.3		5.5	5.7	5.9	6.0		5.8	5.9	5.3	4.9	4.7	6.0	5.4	4.7	4.3	4.0
46.0	2.0	2.4	2.7			4.6	5.0	5.1	5.3		5.1	5.3	5.0	4.7	4.5	5.4	5.1	4.5	4.1	3.8
48.0			1.5			3.4	4.1	4.5	4.6		4.5	4.7	4.7	4.4	4.3	4.8	4.7	4.2	3.8	3.6
50.0						2.3	2.9	3.7	3.9		3.9	4.1	4.4	4.2		4.3	4.5	4.0	3.6	3.5
54.0											2.3	3.1	3.3	3.5		3.3	3.5	3.5	3.3	3.1
58.0													2.1	2.4		2.4	2.6	2.9	2.9	
62.0																	1.8	2.1	2.3	
θ (°)	44 to 84.5	46 to 84.5	44 to 84.5	50 to 84.5	63 to 84.5	46 to 84.5	49 to 84.5	51 to 84.5	52 to 84.5	66 to 84.5	48 to 84.5	52 to 84.5	50 to 84.5	52 to 84.5	65 to 84.5	50 to 84.5	50 to 84.5	55 to 84.5	58 to 84.5	68 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 98t, outrigger extension width 8.5m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	11.3	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	10.3	9.7	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	9.4	8.9	8.3	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0	8.7	8.2	7.6	7.3	7.1	7.5	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0	7.9	7.5	7.0	6.8	6.6	6.9	6.4	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0	7.3	6.9	6.5	6.3		6.3	5.9	5.4	5.1	4.9	5.9	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0	6.4	6.3	6.0	5.8		5.7	5.4	5.0	4.7	4.6	5.4	5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0	5.2	5.5	5.5	5.3		5.2	4.9	4.6	4.3	4.2	5.0	4.6	4.2	4.0	3.8	4.6	4.2	3.8	3.6	3.4
44.0	3.8	4.3	4.8	4.8		4.8	4.5	4.2	4.0		4.5	4.2	3.9	3.7	3.5	4.2	3.9	3.5	3.3	3.1
46.0	2.5	3.0	3.4	3.6		4.3	4.1	3.8	3.7		4.1	3.9	3.6	3.4	3.2	3.8	3.5	3.2	3.0	2.9
48.0			2.1	2.2		3.5	3.7	3.5	3.4		3.7	3.5	3.3	3.1	3.0	3.5	3.2	3.0	2.8	2.7
50.0						2.4	3.1	3.2	3.1		3.4	3.2	3.0	2.8	2.7	3.1	2.9	2.7	2.5	2.4
54.0											2.5	2.6	2.4	2.3		2.5	2.4	2.2	2.1	2.0
58.0													2.0	1.9		2.0	1.9	1.8	1.7	
θ (°)	49 to 84.5	50 to 84.5	49 to 84.5	50 to 84.5	64 to 84.5	51 to 84.5	53 to 84.5	56 to 84.5	57 to 84.5	66 to 84.5	53 to 84.5	56 to 84.5	55 to 84.5	57 to 84.5	67 to 84.5	55 to 84.5	58 to 84.5	62 to 84.5	66 to 84.5	71 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 98t, outrigger extension width 8.5m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	9.2	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0	8.3	7.6	7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0	7.4	6.9	6.3	6.0	5.9	6.6	5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0	6.6	6.2	5.7	5.5	5.4	5.9	5.4	4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0	5.9	5.5	5.1	4.9	4.9	5.3	4.8	4.4	4.1	4.0	4.6	4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0	5.3	5.0	4.6	4.5		4.7	4.3	4.0	3.7	3.7	4.1	3.8	3.4	3.1	3.0	3.7	3.4	3.0	2.8	
42.0	4.4	4.4	4.1	4.0		4.2	3.9	3.6	3.4	3.3	3.7	3.4	3.0	2.8	2.8	3.3	3.0	2.7	2.5	2.4
44.0	3.6	3.7	3.7	3.6		3.7	3.5	3.2	3.0	3.0	3.3	3.0	2.7	2.6	2.5	3.0	2.7	2.4	2.3	2.2
46.0			3.1	3.1		3.3	3.1	2.8	2.7		2.9	2.7	2.4	2.3	2.3	2.6	2.4	2.2	2.0	2.0
48.0						2.9	2.7	2.5	2.4		2.6	2.4	2.2	2.1	2.0	2.3	2.1	1.9	1.8	1.8
50.0							2.4	2.2	2.1		2.2	2.1	1.9	1.8	1.8	2.0	1.9	1.7	1.6	1.6
54.0												1.5				1.5				
θ (°)	55 to 84.5	56 to 84.5	56 to 84.5	56 to 84.5	65 to 84.5	57 to 84.5	57 to 84.5	59 to 84.5	60 to 84.5	67 to 84.5	59 to 84.5	58 to 84.5	65 to 84.5	68 to 84.5	69 to 84.5	60 to 84.5	66 to 84.5	71 to 84.5	75 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

PS + Full Automatic Luffing Jib

Counterweight 98t, outrigger extension width 8.0m

PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.7	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	27.9	27.2	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	24.6	24.2	23.7	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	21.8	21.5	21.2	21.1	21.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	19.4	19.2	19.0	18.9	19.0	16.7	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	17.2	17.1	17.0	17.0	17.1	16.6	16.4	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	15.3	15.3	15.2	15.2		15.0	14.9	14.7	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	13.4	13.6	13.6	13.7		13.5	13.4	13.5	12.8	12.3	12.4	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0	10.9	11.6	12.2	12.2		12.1	12.1	12.2	12.3	12.2	11.8	11.1	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0	8.7	9.3	10.0	10.2		10.9	11.0	11.1	11.2	11.3	10.7	10.7	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0	6.7	7.3	7.8	7.9		9.8	9.9	10.0	10.1		9.7	9.8	9.3	8.6	8.1	8.0	7.1	6.1	5.4	5.2
40.0	5.0	5.4	5.8			8.1	8.9	9.0	9.1		8.8	8.9	9.1	8.4	8.1	7.7	6.9	5.9	5.3	5.1
42.0	3.4	3.8	4.1			6.5	7.4	8.1	8.2		8.0	8.1	8.3	8.3	8.0	7.5	6.7	5.8	5.2	5.1
44.0			2.5			5.1	5.8	6.6	7.0		7.2	7.3	7.6	7.8		7.2	6.5	5.6	5.2	5.0
46.0						3.8	4.4	5.1			6.1	6.6	6.9	7.1		6.7	6.3	5.5	5.1	5.0
48.0						2.6	3.2	3.7			4.9	5.8	6.2	6.4		6.1	6.1	5.3	5.1	5.0
50.0						1.5	2.0	2.3			3.8	4.6	5.6	5.7		5.5	5.7	5.2	5.0	4.9
54.0											1.9	2.5	3.2			3.9	4.7	5.0	4.9	
58.0																2.2	3.0	4.0	4.1	
62.0																		2.0		
θ (°)	37 to 84.5	39 to 84.5	36 to 84.5	48 to 84.5	64 to 84.5	35 to 84.5	37 to 84.5	39 to 84.5	52 to 84.5	65 to 84.5	38 to 84.5	42 to 84.5	45 to 84.5	53 to 84.5	66 to 84.5	41 to 84.5	45 to 84.5	44 to 84.5	53 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 98t, outrigger extension width 8.0m

PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	26.2	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	23.0	22.6	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	20.3	20.0	19.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	18.0	17.8	17.6	17.5	17.6	16.7	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	15.9	15.8	15.7	15.7	15.8	15.4	15.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	14.1	14.0	14.0	14.0	14.1	13.7	13.7	13.7	13.3	12.5	12.9	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	12.4	12.4	12.5	12.5		12.3	12.3	12.4	12.5	12.4	11.9	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0	11.0	11.0	11.1	11.1		11.0	11.0	11.2	11.3	11.5	10.7	10.8	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0	8.9	9.6	9.8	9.8		9.8	9.9	10.0	10.2	10.3	9.7	9.8	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0	7.0	7.6	8.2	8.5		8.7	8.9	9.0	9.2	9.3	8.8	8.9	9.1	8.7	8.1	8.2	7.2	6.2	5.4	5.2
40.0	5.2	5.8	6.3	6.5		7.8	7.9	8.1	8.2		7.9	8.0	8.3	8.5	8.1	7.9	7.0	6.0	5.3	5.2
42.0	3.7	4.1	4.6			6.5	7.0	7.2	7.3		7.1	7.2	7.5	7.7	8.0	7.2	6.8	5.8	5.2	5.1
44.0	2.3	2.7	3.0			5.0	5.9	6.4	6.5		6.3	6.5	6.8	7.0	7.2	6.5	6.6	5.7	5.1	5.0
46.0			1.6			3.7	4.5	5.3	5.7		5.6	5.8	6.1	6.3		5.9	6.1	5.5	5.1	5.0
48.0						2.6	3.2	3.9	4.2		4.7	5.2	5.4	5.6		5.3	5.5	5.4	5.1	4.9
50.0						1.5	2.1	2.6			3.6	4.5	4.8	5.0		4.8	5.0	5.3	5.0	4.9
54.0											1.7	2.4	3.3	3.7		3.6	4.0	4.3	4.5	
58.0																1.9	2.8	3.3	3.5	
62.0																		2.1	2.5	
θ (°)	41 to 84.5	43 to 84.5	40 to 84.5	51 to 84.5	66 to 84.5	42 to 84.5	44 to 84.5	46 to 84.5	50 to 84.5	65 to 84.5	44 to 84.5	48 to 84.5	52 to 84.5	54 to 84.5	68 to 84.5	46 to 84.5	50 to 84.5	50 to 84.5	53 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 98t, outrigger extension width 8.0m

PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	15.1	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	14.3	13.2	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	13.2	12.6	11.6	11.0	10.7	11.3	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	11.7	11.7	11.1	10.5	10.3	10.7	9.7	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0	10.3	10.3	10.3	10.2	10.0	10.1	9.3	8.4	7.8	7.5	8.7	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0	9.0	9.1	9.2	9.2		9.2	8.8	8.0	7.5	7.2	8.2	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0	7.2	7.9	8.0	8.1		8.2	8.2	7.7	7.1	6.9	7.8	7.1	6.3	5.7	5.4	7.1	6.4	5.6	5.1	4.7
40.0	5.5	6.1	6.7	7.0		7.2	7.3	7.3	6.8	6.6	7.3	6.7	5.9	5.4	5.1	6.7	6.1	5.3	4.8	4.4
42.0	4.0	4.5	5.0	5.2		6.3	6.5	6.7	6.5		6.5	6.3	5.6	5.2	4.9	6.4	5.7	5.0	4.5	4.2
44.0	2.6	3.0	3.5	3.6		5.2	5.7	5.9	6.0		5.8	5.9	5.3	4.9	4.7	6.0	5.4	4.7	4.3	4.0
46.0		1.7	2.1			3.9	4.7	5.1	5.3		5.1	5.3	5.0	4.7	4.5	5.4	5.1	4.5	4.1	3.8
48.0						2.8	3.5	4.3	4.6		4.5	4.7	4.7	4.4	4.3	4.8	4.7	4.2	3.8	3.6
50.0							2.3	3.1	3.4		3.6	4.1	4.4	4.2		4.3	4.5	4.0	3.6	3.5
54.0												2.5	3.3	3.5		3.3	3.5	3.5	3.3	3.1
58.0																	2.6	2.9	2.9	
62.0																		2.1	2.3	
θ (°)	47 to 84.5	46 to 84.5	47 to 84.5	50 to 84.5	63 to 84.5	48 to 84.5	49 to 84.5	51 to 84.5	52 to 84.5	66 to 84.5	52 to 84.5	52 to 84.5	55 to 84.5	57 to 84.5	65 to 84.5	54 to 84.5	54 to 84.5	55 to 84.5	58 to 84.5	68 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 98t, outrigger extension width 8.0m

PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	11.3	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	10.3	9.7	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	9.4	8.9	8.3	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0	8.7	8.2	7.6	7.3	7.1	7.5	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0	7.9	7.5	7.0	6.8	6.6	6.9	6.4	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0	7.3	6.9	6.5	6.3		6.3	5.9	5.4	5.1	4.9	5.9	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0	6.1	6.3	6.0	5.8		5.7	5.4	5.0	4.7	4.6	5.4	5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0	4.5	5.1	5.5	5.3		5.2	4.9	4.6	4.3	4.2	5.0	4.6	4.2	4.0	3.8	4.6	4.2	3.8	3.6	3.4
44.0	3.1	3.6	4.2	4.4		4.8	4.5	4.2	4.0		4.5	4.2	3.9	3.7	3.5	4.2	3.9	3.5	3.3	3.1
46.0			2.8	2.9		4.1	4.1	3.8	3.7		4.1	3.9	3.6	3.4	3.2	3.8	3.5	3.2	3.0	2.9
48.0						2.9	3.7	3.5	3.4		3.7	3.5	3.3	3.1	3.0	3.5	3.2	3.0	2.8	2.7
50.0							2.5	3.2	3.1		3.4	3.2	3.0	2.8	2.7	3.1	2.9	2.7	2.5	2.4
54.0												2.6	2.4	2.3		2.5	2.4	2.2	2.1	2.0
58.0																	1.9	1.8	1.7	
θ (°)	51 to 84.5	53 to 84.5	52 to 84.5	52 to 84.5	64 to 84.5	53 to 84.5	53 to 84.5	56 to 84.5	57 to 84.5	66 to 84.5	56 to 84.5	56 to 84.5	59 to 84.5	62 to 84.5	67 to 84.5	58 to 84.5	58 to 84.5	62 to 84.5	66 to 84.5	71 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

PS + Full Automatic Luffing Jib

Counterweight 98t, outrigger extension width 8.0m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	9.2	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0	8.3	7.6	7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0	7.4	6.9	6.3	6.0	5.9	6.6	5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0	6.6	6.2	5.7	5.5	5.4	5.9	5.4	4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0	5.9	5.5	5.1	4.9	4.9	5.3	4.8	4.4	4.1	4.0	4.6	4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0	5.3	5.0	4.6	4.5		4.7	4.3	4.0	3.7	3.7	4.1	3.8	3.4	3.1	3.0	3.7	3.4	3.0	2.8	
42.0	4.4	4.4	4.1	4.0		4.2	3.9	3.6	3.4	3.3	3.7	3.4	3.0	2.8	2.8	3.3	3.0	2.7	2.5	2.4
44.0		3.5	3.7	3.6		3.7	3.5	3.2	3.0	3.0	3.3	3.0	2.7	2.6	2.5	3.0	2.7	2.4	2.3	2.2
46.0						3.3	3.1	2.8	2.7		2.9	2.7	2.4	2.3	2.3	2.6	2.4	2.2	2.0	2.0
48.0							2.7	2.5	2.4		2.6	2.4	2.2	2.1	2.0	2.3	2.1	1.9	1.8	1.8
50.0								2.2	2.1		2.2	2.1	1.9	1.8	1.8	2.0	1.9	1.7	1.6	1.6
θ (°)	57 to 84.5	56 to 84.5	58 to 84.5	58 to 84.5	65 to 84.5	59 to 84.5	59 to 84.5	59 to 84.5	60 to 84.5	67 to 84.5	59 to 84.5	62 to 84.5	65 to 84.5	68 to 84.5	69 to 84.5	63 to 84.5	66 to 84.5	71 to 84.5	75 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 78t, outrigger extension width 8.5m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius (m)	Offset					Offset					Offset					Offset				
	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.7	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	27.9	27.2	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	24.6	24.2	23.7	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	21.8	21.5	21.2	21.1	21.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	18.4	19.2	19.0	18.9	19.0	16.7	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	14.9	15.9	17.0	17.0	17.1	16.6	16.4	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	11.9	12.8	13.9	14.5		15.0	14.9	14.7	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	9.4	10.2	11.1	11.6		12.6	13.4	13.5	12.8	12.3	12.4	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0	7.1	7.8	8.6	9.0		10.4	11.6	12.2	12.3	12.2	11.8	11.1	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0	5.2	5.8	6.4	6.7		8.4	9.5	10.9	11.2	11.3	10.7	10.7	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0	3.4	4.0	4.5	4.6		6.6	7.6	8.9	9.7		8.9	9.8	9.3	8.6	8.1	8.0	7.1	6.1	5.4	5.2
40.0			2.7			5.0	5.9	7.0	7.7		7.3	8.7	9.1	8.4	8.1	7.7	6.9	5.9	5.3	5.1
42.0						3.6	4.4	5.4	5.8		5.9	7.1	8.3	8.3	8.0	7.5	6.7	5.8	5.2	5.1
44.0						2.3	3.0	3.8	4.1		4.6	5.7	7.2	7.8		6.7	6.5	5.6	5.2	5.0
46.0							1.8	2.4			3.4	4.4	5.7	6.6		5.5	6.3	5.5	5.1	5.0
48.0											2.3	3.3	4.4	5.1		4.4	5.7	5.3	5.1	5.0
50.0												2.2	3.2	3.7		3.4	4.6	5.2	5.0	4.9
54.0																1.7	2.6	3.9	4.7	
58.0																		1.9	2.4	
θ (°)	45 to 84.5	46 to 84.5	44 to 84.5	48 to 84.5	64 to 84.5	45 to 84.5	44 to 84.5	47 to 84.5	52 to 84.5	65 to 84.5	46 to 84.5	48 to 84.5	51 to 84.5	53 to 84.5	66 to 84.5	46 to 84.5	50 to 84.5	50 to 84.5	53 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 78t, outrigger extension width 8.5m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	26.2	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	23.0	22.6	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	20.3	20.0	19.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	18.0	17.8	17.6	17.5	17.6	16.7	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	15.1	15.8	15.7	15.7	15.8	15.4	15.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	12.2	13.1	14.0	14.0	14.1	13.7	13.7	13.7	13.3	12.5	12.9	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	9.6	10.5	11.5	12.1		12.3	12.3	12.4	12.5	12.4	11.9	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0	7.4	8.1	9.0	9.5		10.3	11.0	11.2	11.3	11.5	10.7	10.8	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0	5.4	6.1	6.9	7.2		8.3	9.5	10.0	10.2	10.3	9.7	9.8	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0	3.7	4.3	4.9	5.2		6.5	7.6	9.0	9.2	9.3	8.7	8.9	9.1	8.7	8.1	8.2	7.2	6.2	5.4	5.2
40.0	2.1	2.7	3.2	3.4		4.9	5.9	7.2	7.9		7.1	8.0	8.3	8.5	8.1	7.9	7.0	6.0	5.3	5.2
42.0						3.5	4.4	5.5	6.2		5.7	7.0	7.5	7.7	8.0	7.2	6.8	5.8	5.2	5.1
44.0						2.3	3.1	4.0	4.5		4.4	5.6	6.8	7.0	7.2	6.4	6.6	5.7	5.1	5.0
46.0								2.7	3.0		3.2	4.3	5.7	6.3		5.2	6.1	5.5	5.1	5.0
48.0												3.2	4.4	5.3		4.1	5.5	5.4	5.1	4.9
50.0													3.2	3.9		3.1	4.4	5.3	5.0	4.9
54.0																	2.5	3.8	4.5	
58.0																			2.6	
θ (°)	48 to 84.5	49 to 84.5	50 to 84.5	51 to 84.5	66 to 84.5	50 to 84.5	52 to 84.5	52 to 84.5	53 to 84.5	65 to 84.5	53 to 84.5	55 to 84.5	57 to 84.5	60 to 84.5	68 to 84.5	54 to 84.5	55 to 84.5	60 to 84.5	58 to 84.5	70 to 84.5
Standard hook block	35t					35t					12.2t									
Hook block weight	950kg					950kg					440kg									
Standard number of parts of line	3					2					1									

Counterweight 78t, outrigger extension width 8.5m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	15.1	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	14.3	13.2	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	12.4	12.6	11.6	11.0	10.7	11.3	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	9.8	10.7	11.1	10.5	10.3	10.7	9.7	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0	7.6	8.4	9.3	9.9	10.0	10.1	9.3	8.4	7.8	7.5	8.7	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0	5.7	6.4	7.2	7.7		8.4	8.8	8.0	7.5	7.2	8.2	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0	3.9	4.6	5.3	5.7		6.7	7.8	7.7	7.1	6.9	7.8	7.1	6.3	5.7	5.4	7.1	6.4	5.6	5.1	4.7
40.0		3.0	3.6	3.9		5.1	6.2	7.3	6.8	6.6	7.1	6.7	5.9	5.4	5.1	6.7	6.1	5.3	4.8	4.4
42.0						3.7	4.7	5.8	6.5		5.7	6.3	5.6	5.2	4.9	6.4	5.7	5.0	4.5	4.2
44.0							3.3	4.4	5.0		4.4	5.7	5.3	4.9	4.7	6.0	5.4	4.7	4.3	4.0
46.0								3.0	3.5		3.2	4.4	5.0	4.7	4.5	5.2	5.1	4.5	4.1	3.8
48.0												3.3	4.6	4.4	4.3	4.1	4.7	4.2	3.8	3.6
50.0													3.4	4.2		3.1	4.4	4.0	3.6	3.5
54.0																		3.5	3.3	3.1
θ (°)	54 to 84.5	54 to 84.5	55 to 84.5	56 to 84.5	63 to 84.5	55 to 84.5	56 to 84.5	56 to 84.5	58 to 84.5	66 to 84.5	56 to 84.5	58 to 84.5	60 to 84.5	62 to 84.5	65 to 84.5	57 to 84.5	62 to 84.5	63 to 84.5	66 to 84.5	68 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

PS + Full Automatic Luffing Jib

Counterweight 78t, outrigger extension width 8.5m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	11.3	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	10.3	9.7	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	9.4	8.9	8.3	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0	8.2	8.2	7.6	7.3	7.1	7.5	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0	6.3	7.0	7.0	6.8	6.6	6.9	6.4	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0	4.5	5.2	6.0	6.3		6.3	5.9	5.4	5.1	4.9	5.9	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0			4.3	4.7		5.3	5.4	5.0	4.7	4.6	5.4	5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0						3.8	4.8	4.6	4.3	4.2	5.0	4.6	4.2	4.0	3.8	4.6	4.2	3.8	3.6	3.4
44.0								4.2	4.0		4.5	4.2	3.9	3.7	3.5	4.2	3.9	3.5	3.3	3.1
46.0									3.7			3.9	3.6	3.4	3.2	3.8	3.5	3.2	3.0	2.9
48.0												3.5	3.3	3.1	3.0	3.5	3.2	3.0	2.8	2.7
50.0													3.0	2.8	2.7		2.9	2.7	2.5	2.4
54.0																		2.2	2.1	2.0
θ (°)	58 to 84.5	59 to 84.5	59 to 84.5	60 to 84.5	64 to 84.5	58 to 84.5	61 to 84.5	62 to 84.5	61 to 84.5	66 to 84.5	62 to 84.5	61 to 84.5	63 to 84.5	66 to 84.5	67 to 84.5	63 to 84.5	64 to 84.5	66 to 84.5	69 to 84.5	71 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 78t, outrigger extension width 8.5m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	9.2	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0	8.3	7.6	7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0	7.4	6.9	6.3	6.0	5.9	6.6	5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0	6.1	6.2	5.7	5.5	5.4	5.9	5.4	4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0		5.1	5.1	4.9	4.9	5.3	4.8	4.4	4.1	4.0	4.6	4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0				4.5		4.7	4.3	4.0	3.7	3.7	4.1	3.8	3.4	3.1	3.0	3.7	3.4	3.0	2.8	
42.0							3.9	3.6	3.4	3.3	3.7	3.4	3.0	2.8	2.8	3.3	3.0	2.7	2.5	2.4
44.0								3.2	3.0	3.0		3.0	2.7	2.6	2.5	3.0	2.7	2.4	2.3	2.2
46.0												2.7	2.4	2.3	2.3	2.6	2.4	2.2	2.0	2.0
48.0													2.2	2.1	2.0		2.1	1.9	1.8	1.8
50.0														1.8	1.8			1.7	1.6	1.6
θ (°)	63 to 84.5	62 to 84.5	64 to 84.5	63 to 84.5	65 to 84.5	64 to 84.5	64 to 84.5	65 to 84.5	66 to 84.5	67 to 84.5	66 to 84.5	65 to 84.5	67 to 84.5	68 to 84.5	69 to 84.5	66 to 84.5	68 to 84.5	71 to 84.5	75 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 78t, outrigger extension width 8.0m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.7	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	27.9	27.2	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	24.6	24.2	23.7	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	21.0	21.5	21.2	21.1	21.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	17.1	18.3	19.0	18.9	19.0	16.7	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	13.7	14.7	16.0	16.8	16.9	16.6	16.4	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	10.7	11.7	12.7	13.4		14.1	14.9	14.7	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	8.2	9.0	10.0	10.5		11.6	13.0	13.5	12.8	12.3	12.4	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0	6.1	6.8	7.6	7.9		9.3	10.6	12.2	12.3	12.2	11.7	11.1	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0	4.1	4.8	5.4	5.7		7.4	8.5	10.0	10.9	11.2	9.7	10.7	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0	2.5	3.0	3.5	3.6		5.6	6.7	8.0	8.8		8.0	9.5	9.3	8.6	8.1	8.0	7.1	6.1	5.4	5.2
40.0						4.1	5.0	6.2	6.8		6.4	7.8	9.1	8.4	8.1	7.7	6.9	5.9	5.3	5.1
42.0						2.7	3.5	4.5	5.0		5.0	6.3	7.9	8.3	8.0	7.2	6.7	5.8	5.2	5.1
44.0							2.2	3.0	3.3		3.8	4.9	6.4	7.4		5.9	6.5	5.6	5.2	5.0
46.0											2.6	3.7	5.0	5.8		4.7	6.1	5.5	5.1	5.0
48.0												2.5	3.7	4.3		3.7	4.9	5.3	5.1	5.0
50.0													2.5	2.9		2.7	3.9	5.2	5.0	4.9
54.0																		3.2	4.0	
θ (°)	45 to 84.5	46 to 84.5	48 to 84.5	48 to 84.5	64 to 84.5	48 to 84.5	47 to 84.5	50 to 84.5	52 to 84.5	65 to 84.5	49 to 84.5	50 to 84.5	51 to 84.5	53 to 84.5	66 to 84.5	50 to 84.5	55 to 84.5	56 to 84.5	59 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 78t, outrigger extension width 8.0m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	26.2	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	23.0	22.6	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	20.3	20.0	19.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	17.3	17.8	17.6	17.5	17.6	16.7	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	13.9	15.0	15.7	15.7	15.8	15.4	15.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	11.0	12.0	13.1	13.9	14.1	13.7	13.7	13.7	13.3	12.5	12.9	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	8.5	9.3	10.4	11.0		11.5	12.3	12.4	12.5	12.4	11.9	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0	6.3	7.1	8.0	8.5		9.2	10.6	11.2	11.3	11.5	10.7	10.8	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0	4.4	5.1	5.9	6.2		7.3	8.5	10.0	10.2	10.3	9.5	9.8	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0	2.7	3.3	4.0	4.2		5.6	6.7	8.1	9.0	9.3	7.8	8.9	9.1	8.7	8.1	8.2	7.2	6.2	5.4	5.2
40.0						4.0	5.0	6.3	7.1		6.2	7.6	8.3	8.5	8.1	7.9	7.0	6.0	5.3	5.2
42.0							3.6	4.7	5.3		4.8	6.1	7.5	7.7	8.0	6.9	6.8	5.8	5.2	5.1
44.0								3.2	3.7		3.6	4.8	6.4	7.0	7.2	5.6	6.6	5.7	5.1	5.0
46.0												3.5	5.0	5.9		4.5	5.9	5.5	5.1	5.0
48.0													3.7	4.5		3.4	4.7	5.4	5.1	4.9
50.0														3.2			3.7	5.3	5.0	4.9
54.0																		3.2	4.2	
θ (°)	50 to 84.5	52 to 84.5	54 to 84.5	54 to 84.5	66 to 84.5	55 to 84.5	55 to 84.5	55 to 84.5	56 to 84.5	65 to 84.5	55 to 84.5	57 to 84.5	60 to 84.5	60 to 84.5	68 to 84.5	56 to 84.5	59 to 84.5	60 to 84.5	63 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

PS + Full Automatic Luffing Jib

Counterweight 78t, outrigger extension width 8.0m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	15.1	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	14.1	13.2	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	11.2	12.2	11.6	11.0	10.7	11.3	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	8.7	9.6	10.7	10.5	10.3	10.7	9.7	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0	6.5	7.3	8.3	8.9	9.0	9.4	9.3	8.4	7.8	7.5	8.7	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0	4.6	5.4	6.2	6.7		7.5	8.7	8.0	7.5	7.2	8.2	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0		3.6	4.4	4.7		5.7	6.9	7.7	7.1	6.9	7.8	7.1	6.3	5.7	5.4	7.1	6.4	5.6	5.1	4.7
40.0						4.2	5.3	6.6	6.8	6.6	6.2	6.7	5.9	5.4	5.1	6.7	6.1	5.3	4.8	4.4
42.0							3.8	5.0	5.7		4.8	6.2	5.6	5.2	4.9	6.4	5.7	5.0	4.5	4.2
44.0								3.5	4.2		3.6	4.9	5.3	4.9	4.7	5.5	5.4	4.7	4.3	4.0
46.0												3.6	5.0	4.7	4.5	4.4	5.1	4.5	4.1	3.8
48.0													3.9	4.4	4.3		4.7	4.2	3.8	3.6
50.0														3.6			3.7	4.0	3.6	3.5
54.0																			3.3	3.1
θ (°)	57 to 84.5	56 to 84.5	58 to 84.5	58 to 84.5	63 to 84.5	57 to 84.5	58 to 84.5	58 to 84.5	60 to 84.5	66 to 84.5	58 to 84.5	60 to 84.5	62 to 84.5	62 to 84.5	65 to 84.5	60 to 84.5	62 to 84.5	67 to 84.5	66 to 84.5	68 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 78t, outrigger extension width 8.0m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	11.3	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	10.3	9.7	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	9.3	8.9	8.3	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0	7.2	8.0	7.6	7.3	7.1	7.5	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0	5.3	6.0	6.9	6.8	6.6	6.9	6.4	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0			5.0	5.5		5.9	5.9	5.4	5.1	4.9	5.9	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0						4.3	5.4	5.0	4.7	4.6	5.4	5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0								4.6	4.3	4.2	5.0	4.6	4.2	4.0	3.8	4.6	4.2	3.8	3.6	3.4
44.0									4.0			4.2	3.9	3.7	3.5	4.2	3.9	3.5	3.3	3.1
46.0													3.6	3.4	3.2	3.8	3.5	3.2	3.0	2.9
48.0													3.3	3.1	3.0		3.2	3.0	2.8	2.7
50.0														2.8	2.7			2.7	2.5	2.4
54.0																			2.1	2.0
θ (°)	60 to 84.5	61 to 84.5	61 to 84.5	62 to 84.5	64 to 84.5	60 to 84.5	63 to 84.5	64 to 84.5	64 to 84.5	66 to 84.5	63 to 84.5	65 to 84.5	65 to 84.5	66 to 84.5	67 to 84.5	64 to 84.5	66 to 84.5	69 to 84.5	69 to 84.5	71 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 78t, outrigger extension width 8.0m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	9.2	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0	8.3	7.6	7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0	7.0	6.9	6.3	6.0	5.9	6.6	5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0		5.8	5.7	5.5	5.4	5.9	5.4	4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0				4.9	4.9	5.3	4.8	4.4	4.1	4.0	4.6	4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0							4.3	4.0	3.7	3.7	4.1	3.8	3.4	3.1	3.0	3.7	3.4	3.0	2.8	
42.0								3.6	3.4	3.3		3.4	3.0	2.8	2.8	3.3	3.0	2.7	2.5	2.4
44.0									3.0	3.0		3.0	2.7	2.6	2.5	3.0	2.7	2.4	2.3	2.2
46.0													2.4	2.3	2.3		2.4	2.2	2.0	2.0
48.0														2.1	2.0			1.9	1.8	1.8
50.0																		1.7	1.6	1.6
θ (°)	65 to 84.5	64 to 84.5	66 to 84.5	65 to 84.5	65 to 84.5	66 to 84.5	66 to 84.5	66 to 84.5	66 to 84.5	67 to 84.5	67 to 84.5	66 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	68 to 84.5	69 to 84.5	71 to 84.5	75 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 78t, outrigger extension width 6.8m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	31.2	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	25.1	26.5	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	20.4	21.5	23.1	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	16.2	17.5	18.9	19.8	20.2	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	12.6	13.7	15.2	16.1	16.5	16.0	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	9.6	10.6	11.9	12.6	12.8	13.0	14.7	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	7.1	8.0	9.0	9.6		10.4	11.9	13.9	13.1	12.4	12.8	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0	4.9	5.6	6.6	7.1		8.1	9.5	11.3	12.6	12.3	10.5	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0		3.6	4.4	4.8		6.2	7.4	9.0	10.1	10.6	8.5	10.2	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0						4.4	5.6	7.0	7.9	8.2	6.8	8.3	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0						2.9	3.9	5.2	6.0		5.2	6.7	8.6	8.6	8.1	7.4	7.1	6.1	5.4	5.2
40.0								3.5	4.2		3.8	5.2	6.9	8.3	8.1	6.0	6.9	5.9	5.3	5.1
42.0												3.8	5.4	6.6	7.0	4.7	6.3	5.8	5.2	5.1
44.0													4.0	5.0		3.6	5.0	5.6	5.2	5.0
46.0														3.5			3.9	5.5	5.1	5.0
48.0																	2.8	4.5	5.1	5.0
50.0																		3.4	4.5	4.9
θ (°)	54 to 84.5	53 to 84.5	55 to 84.5	55 to 84.5	64 to 84.5	54 to 84.5	56 to 84.5	57 to 84.5	58 to 84.5	65 to 84.5	56 to 84.5	58 to 84.5	59 to 84.5	60 to 84.5	66 to 84.5	57 to 84.5	57 to 84.5	60 to 84.5	64 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

PS + Full Automatic Luffing Jib

Counterweight 78t, outrigger extension width 6.8m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	25.3	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	20.6	21.8	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	16.4	17.8	19.2	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	12.8	14.0	15.5	16.5	16.9	15.9	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	9.9	10.9	12.2	13.1	13.4	12.9	14.6	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	7.3	8.2	9.4	10.1	10.3	10.3	11.9	13.7	13.3	12.5	12.5	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0	5.1	6.0	7.0	7.5		8.0	9.5	11.4	12.5	12.4	10.2	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0		3.9	4.8	5.3		6.1	7.4	9.1	10.3	10.9	8.3	10.1	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0						4.3	5.5	7.1	8.1	8.6	6.5	8.2	9.6	8.8	8.2	8.5	7.4	6.4	5.6	
38.0							3.9	5.3	6.2	6.5	5.0	6.5	8.6	8.7	8.1	7.1	7.2	6.2	5.4	5.2
40.0								3.7	4.4			5.0	6.9	8.3	8.1	5.7	7.0	6.0	5.3	5.2
42.0													5.4	6.7	7.3	4.4	6.1	5.8	5.2	5.1
44.0													4.0	5.1	5.6		4.8	5.7	5.1	5.0
46.0														3.7			3.7	5.5	5.1	5.0
48.0																		4.4	5.1	4.9
50.0																			4.6	4.9
θ (°)	58 to 84.5	57 to 84.5	59 to 84.5	60 to 84.5	66 to 84.5	60 to 84.5	60 to 84.5	60 to 84.5	62 to 84.5	65 to 84.5	61 to 84.5	63 to 84.5	64 to 84.5	65 to 84.5	68 to 84.5	61 to 84.5	62 to 84.5	66 to 84.5	68 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 78t, outrigger extension width 6.8m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	13.0	13.9	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	10.1	11.1	12.1	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	7.5	8.5	9.7	10.5	10.7	10.4	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0	5.3	6.2	7.3	7.9	8.1	8.2	9.6	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0			5.1	5.7	5.8	6.2	7.6	8.4	7.8	7.5	8.3	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0							5.7	7.3	7.5	7.2	6.5	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0								5.6	6.6	6.9	5.0	6.6	6.3	5.7	5.4	7.0	6.4	5.6	5.1	4.7
40.0									4.8	5.1		5.1	5.9	5.4	5.1	5.6	6.1	5.3	4.8	4.4
42.0													5.5	5.2	4.9		5.7	5.0	4.5	4.2
44.0														4.9	4.7		4.8	4.7	4.3	4.0
46.0															4.4			4.5	4.1	3.8
48.0																		4.2	3.8	3.6
50.0																			3.6	3.5
θ (°)	61 to 84.5	63 to 84.5	62 to 84.5	63 to 84.5	63 to 84.5	63 to 84.5	64 to 84.5	65 to 84.5	65 to 84.5	66 to 84.5	64 to 84.5	65 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	65 to 84.5	67 to 84.5	68 to 84.5	70 to 84.5	73 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 78t, outrigger extension width 6.8m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	10.7	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	8.1	9.1	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0	5.9	6.8	7.9	7.9	7.6	8.2	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0			5.8	6.4	6.6	6.3	7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0							5.9	5.9	5.5	5.3	6.5	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0								5.4	5.1	4.9	5.3	5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0									4.7	4.6		5.0	4.6	4.3	4.1	5.0	4.6	4.2	3.9	3.7
42.0													4.2	4.0	3.8		4.2	3.8	3.6	3.4
44.0														3.7	3.5			3.5	3.3	3.1
46.0															3.2			3.2	3.0	2.9
48.0																			2.8	2.7
50.0																			2.5	2.4
θ (°)	64 to 84.5	65 to 84.5	65 to 84.5	66 to 84.5	67 to 84.5	66 to 84.5	67 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	66 to 84.5	68 to 84.5	70 to 84.5	71 to 84.5	71 to 84.5	69 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 78t, outrigger extension width 6.8m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.3	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0	7.9	8.5	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0			7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0				6.0	5.9		5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0								4.8	4.5	4.4	5.1	4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0								4.4	4.1	4.0		4.2	3.7	3.5	3.3	4.2	3.7	3.3	3.0	
40.0										3.7			3.4	3.1	3.0		3.4	3.0	2.8	
42.0													3.0	2.8	2.8			2.7	2.5	2.4
44.0														2.6	2.5			2.4	2.3	2.2
46.0																			2.0	2.0
48.0																			1.8	1.8
50.0																				1.6
θ (°)	68 to 84.5	70 to 84.5	69 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	70 to 84.5	72 to 84.5	71 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	72 to 84.5	74 to 84.5	76 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

PS + Full Automatic Luffing Jib

Counterweight 58t, outrigger extension width 8.5m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	30.8	30.8	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	24.6	26.0	26.6	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	19.9	21.1	22.6	23.0	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	15.7	17.0	18.4	19.4	19.8	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	12.1	13.3	14.7	15.7	16.0	15.6	16.7	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	9.1	10.1	11.4	12.2	12.4	12.5	14.2	15.2	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	6.5	7.4	8.5	9.1		9.9	11.5	13.5	13.1	12.4	12.3	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0		5.1	6.0	6.5		7.6	9.0	10.9	12.2	12.3	10.0	11.4	10.1	9.1	8.4	9.1	7.9	6.7		
34.0				4.2		5.6	6.9	8.5	9.7	10.2	8.0	9.8	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0						3.9	5.0	6.5	7.5	7.8	6.3	7.9	9.5	8.8	8.2	8.4	7.4	6.3	5.6	5.3
38.0							3.4	4.7	5.5		4.7	6.2	8.2	8.6	8.1	6.9	7.1	6.1	5.4	5.2
40.0									3.7			4.7	6.5	7.9	8.1	5.5	6.9	5.9	5.3	5.1
42.0												3.3	5.0	6.1	6.6	4.2	5.9	5.8	5.2	5.1
44.0													3.6	4.6			4.6	5.6	5.2	5.0
46.0																	3.4	5.3	5.1	5.0
48.0																		4.1	5.1	5.0
50.0																			4.1	4.6
θ (°)	57 to 84.5	56 to 84.5	58 to 84.5	55 to 84.5	64 to 84.5	56 to 84.5	56 to 84.5	59 to 84.5	58 to 84.5	65 to 84.5	58 to 84.5	58 to 84.5	59 to 84.5	62 to 84.5	66 to 84.5	59 to 84.5	59 to 84.5	63 to 84.5	64 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 58t, outrigger extension width 8.5m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	24.9	25.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	20.1	21.3	22.1	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	15.9	17.3	18.7	19.6	19.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	12.3	13.5	15.0	16.1	16.5	15.4	16.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	9.3	10.4	11.7	12.6	13.0	12.4	14.2	15.1	13.6	12.6	13.3	12.0	10.6	9.6		9.5	8.6			
30.0	6.7	7.7	8.9	9.6	9.8	9.8	11.4	13.5	13.3	12.5	12.1	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0		5.4	6.4	7.0		7.5	9.0	10.9	12.4	12.4	9.8	11.4	10.1	9.2	8.4	9.2	8.0	6.8		
34.0				4.7		5.5	6.9	8.6	9.9	10.5	7.8	9.6	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0							5.0	6.6	7.7	8.1	6.0	7.7	9.6	8.8	8.2	8.2	7.4	6.4	5.6	
38.0								4.8	5.7	6.0	4.5	6.0	8.1	8.7	8.1	6.6	7.2	6.2	5.4	5.2
40.0												4.5	6.5	7.9	8.1	5.2	7.0	6.0	5.3	5.2
42.0													4.9	6.2	6.9		5.6	5.8	5.2	5.1
44.0														4.7	5.2		4.4	5.7	5.1	5.0
46.0																		5.2	5.1	5.0
48.0																		4.0	5.1	4.9
50.0																			4.2	4.8
θ (°)	60 to 84.5	60 to 84.5	62 to 84.5	60 to 84.5	66 to 84.5	62 to 84.5	62 to 84.5	62 to 84.5	64 to 84.5	65 to 84.5	61 to 84.5	63 to 84.5	66 to 84.5	67 to 84.5	68 to 84.5	63 to 84.5	64 to 84.5	66 to 84.5	68 to 84.5	70 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 58t, outrigger extension width 8.5m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	16.1	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	12.5	13.7	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	9.5	10.6	12.0	11.4	11.1	12.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0	6.9	7.9	9.2	10.0	10.3	9.9	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0		5.6	6.7	7.4	7.6	7.6	9.2	8.7	8.1	7.8	9.2	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0				5.2	5.3	5.7	7.1	8.4	7.8	7.5	7.8	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0							5.2	6.8	7.5	7.2	6.0	7.4	6.6	6.0	5.7	7.5	6.7	5.9	5.4	
38.0								5.1	6.1	6.5		6.1	6.3	5.7	5.4	6.5	6.4	5.6	5.1	4.7
40.0													5.9	5.4	5.1	5.1	6.1	5.3	4.8	4.4
42.0													5.1	5.2	4.9		5.6	5.0	4.5	4.2
44.0														4.9	4.7			4.7	4.3	4.0
46.0																		4.5	4.1	3.8
48.0																			3.8	3.6
50.0																				3.5
θ (°)	63 to 84.5	63 to 84.5	64 to 84.5	63 to 84.5	63 to 84.5	63 to 84.5	64 to 84.5	65 to 84.5	67 to 84.5	68 to 84.5	65 to 84.5	67 to 84.5	68 to 84.5	68 to 84.5	70 to 84.5	65 to 84.5	68 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 58t, outrigger extension width 8.5m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	12.1	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	10.2	10.5	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0	7.6	8.6	9.0	8.5	8.2	9.0	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0			7.4	7.9	7.6	7.8	7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0					6.1		7.0	6.4	6.0	5.7	7.1	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0								5.9	5.5	5.3	6.4	6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0									5.1	4.9		5.5	5.0	4.6	4.4	5.5	5.0	4.5	4.2	
40.0													4.6	4.3	4.1		4.6	4.2	3.9	3.7
42.0													4.2	4.0	3.8		4.2	3.8	3.6	3.4
44.0														3.7	3.5			3.5	3.3	3.1
46.0																		3.2	3.0	2.9
48.0																			2.8	2.7
50.0																				2.4
θ (°)	66 to 84.5	67 to 84.5	67 to 84.5	68 to 84.5	67 to 84.5	68 to 84.5	68 to 84.5	70 to 84.5	70 to 84.5	70 to 84.5	68 to 84.5	70 to 84.5	70 to 84.5	71 to 84.5	73 to 84.5	70 to 84.5	70 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

PS + Full Automatic Luffing Jib

Counterweight 58t, outrigger extension width 8.5m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0	10.0	9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0		8.4	7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0			7.0	6.6	6.5	7.3	6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0							5.9	5.3	4.9	4.8	5.7	5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0								4.8	4.5	4.4		4.6	4.1	3.8	3.6	4.6	4.1	3.6		
38.0									4.1	4.0			3.7	3.5	3.3		3.7	3.3	3.0	
40.0													3.4	3.1	3.0		3.4	3.0	2.8	
42.0														2.8	2.8			2.7	2.5	2.4
44.0															2.5			2.4	2.3	2.2
46.0																			2.0	2.0
48.0																				1.8
θ (°)	70 to 84.5	70 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 58t, outrigger extension width 8.0m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	36.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	28.8	30.5	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	22.8	24.2	26.1	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	18.1	19.4	21.0	22.1	21.9	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	13.9	15.2	16.9	17.8	18.3	16.7	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	10.4	11.6	13.1	14.1	14.4	14.0	15.8	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0	7.6	8.6	9.9	10.7	10.9	11.0	12.7	14.8	13.4	12.5	13.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0	5.1	6.0	7.1	7.7		8.5	10.1	12.1	13.1	12.4	10.9	11.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0			4.7	5.2		6.3	7.7	9.6	10.9	11.6	8.7	10.7	10.1	9.1	8.4	9.1	7.9	6.7		
34.0						4.4	5.7	7.4	8.5	9.0	6.8	8.6	9.8	8.9	8.3	8.7	7.6	6.5	5.7	
36.0							4.0	5.4	6.4	6.7	5.2	6.8	9.0	8.8	8.2	7.4	7.4	6.3	5.6	5.3
38.0								3.6	4.4			5.2	7.1	8.6	8.1	5.9	7.1	6.1	5.4	5.2
40.0												3.7	5.5	6.9	7.5	4.5	6.3	5.9	5.3	5.1
42.0													4.0	5.2	5.7		4.9	5.8	5.2	5.1
44.0														3.7			3.7	5.6	5.2	5.0
46.0																		4.5	5.1	5.0
48.0																			4.6	5.0
50.0																				3.8
θ (°)	57 to 84.5	58 to 84.5	58 to 84.5	58 to 84.5	64 to 84.5	59 to 84.5	58 to 84.5	59 to 84.5	61 to 84.5	65 to 84.5	60 to 84.5	60 to 84.5	62 to 84.5	62 to 84.5	66 to 84.5	60 to 84.5	61 to 84.5	65 to 84.5	67 to 84.5	66 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 58t, outrigger extension width 8.0m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	28.6	28.6	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	23.1	24.5	24.9	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	18.4	19.6	21.3	22.0	22.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	14.1	15.5	17.2	18.2	18.7	16.7	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	10.7	11.9	13.4	14.5	15.0	13.8	15.7	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0	7.8	8.9	10.2	11.1	11.4	10.9	12.7	14.9	13.6	12.6	13.2	12.0	10.6	9.6		9.5	8.6			
30.0	5.4	6.3	7.5	8.2	8.4	8.4	10.0	12.2	13.3	12.5	10.7	11.7	10.4	9.4	8.6	9.3	8.2	7.0		
32.0			5.1	5.7		6.2	7.7	9.6	11.1	11.9	8.5	10.5	10.1	9.2	8.4	9.2	8.0	6.8		
34.0							5.7	7.4	8.7	9.3	6.6	8.4	9.8	9.0	8.3	8.8	7.7	6.6	5.7	
36.0								5.5	6.6	7.0	4.9	6.6	8.9	8.8	8.2	7.1	7.4	6.4	5.6	
38.0									4.7	5.0		5.0	7.1	8.7	8.1	5.6	7.2	6.2	5.4	5.2
40.0													5.5	6.9	7.8		6.0	6.0	5.3	5.2
42.0														5.3	6.0		4.7	5.8	5.2	5.1
44.0																		5.6	5.1	5.0
46.0																		4.4	5.1	5.0
48.0																			4.6	4.9
θ (°)	60 to 84.5	62 to 84.5	62 to 84.5	63 to 84.5	66 to 84.5	64 to 84.5	64 to 84.5	65 to 84.5	64 to 84.5	65 to 84.5	63 to 84.5	65 to 84.5	68 to 84.5	69 to 84.5	71 to 84.5	65 to 84.5	66 to 84.5	68 to 84.5	70 to 84.5	72 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

Counterweight 58t, outrigger extension width 8.0m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	17.2	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	14.3	14.8	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	10.9	12.1	12.7	11.9	11.5	12.7	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0	8.0	9.1	10.5	11.4	11.1	11.0	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0		6.6	7.8	8.6	8.9	8.5	10.2	9.1	8.4	8.0	9.7	8.7	7.6	6.9		8.8	7.8	6.8		
32.0			5.4	6.1	6.3	6.4	7.9	8.7	8.1	7.8	8.5	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0							5.9	7.7	7.8	7.5	6.6	7.8	6.9	6.4	5.9	7.9	7.1	6.2		
36.0								5.7	6.9	7.2		6.7	6.6	6.0	5.7	7.0	6.7	5.9	5.4	
38.0										5.5			6.3	5.7	5.4	5.5	6.4	5.6	5.1	4.7
40.0													5.6	5.4	5.1		6.0	5.3	4.8	4.4
42.0														5.2	4.9			5.0	4.5	4.2
44.0																		4.7	4.3	4.0
46.0																			4.1	3.8
48.0																				3.6
θ (°)	65 to 84.5	65 to 84.5	64 to 84.5	66 to 84.5	66 to 84.5	65 to 84.5	66 to 84.5	67 to 84.5	69 to 84.5	68 to 84.5	67 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	72 to 84.5	67 to 84.5	70 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

PS + Full Automatic Luffing Jib

Counterweight 58t, outrigger extension width 8.0m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	13.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	11.5	11.3	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0	8.7	9.8	9.7	9.2	8.8	9.8	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0		7.2	8.5	8.5	8.2	8.6	8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0				6.9	7.1		7.6	6.9	6.4	6.1	7.7	7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0								6.4	6.0	5.7	7.0	6.5	5.8	5.4	5.1	6.5	5.9	5.3		
36.0									5.5	5.3		6.0	5.4	5.0	4.7	6.0	5.5	4.9	4.5	
38.0										4.9			5.0	4.6	4.4		5.0	4.5	4.2	
40.0													4.6	4.3	4.1		4.6	4.2	3.9	3.7
42.0														4.0	3.8			3.8	3.6	3.4
44.0																		3.5	3.3	3.1
46.0																			3.0	2.9
48.0																				2.7
θ (°)	68 to 84.5	67 to 84.5	69 to 84.5	68 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	70 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 58t, outrigger extension width 8.0m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0	11.2	10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0		9.4	8.5	7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0			7.7	7.3	7.1	8.1	7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0							6.6	5.8	5.4	5.2	6.3	5.6	4.9	4.5		5.3	5.0			
34.0								5.3	4.9	4.8		5.1	4.5	4.1	3.9	5.1	4.5	4.0		
36.0									4.5	4.4			4.1	3.8	3.6		4.1	3.6		
38.0													3.7	3.5	3.3		3.7	3.3	3.0	
40.0														3.1	3.0			3.0	2.8	
42.0															2.8			2.7	2.5	2.4
44.0																			2.3	2.2
46.0																				2.0
θ (°)	72 to 84.5	71 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	75 to 84.5	73 to 84.5	74 to 84.5	75 to 84.5	76 to 84.5	77 to 84.5	74 to 84.5	75 to 84.5	77 to 84.5	79 to 84.5	80 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 58t, outrigger extension width 6.8m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	29.5	31.4	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	22.8	24.4	26.5	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	17.7	19.1	20.9	22.3	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	13.2	14.7	16.5	17.6	18.2	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	9.6	10.9	12.5	13.7	14.2	13.1	15.1	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	6.6	7.7	9.2	10.1	10.5	10.0	11.9	14.3	13.7	12.7	12.5	12.3	11.0	9.8		10.0	8.9			
28.0			6.3	7.1	7.3	7.4	9.1	11.4	13.1	12.5	9.9	12.0	10.6	9.6		9.8	8.5	7.2		
30.0						5.2	6.8	8.8	10.4	11.2	7.6	9.7	10.3	9.3	8.5	9.5	8.2	7.0		
32.0								6.5	7.9	8.5	5.7	7.6	10.1	9.1	8.4	8.0	7.9	6.7		
34.0									5.7	6.2		5.8	8.2	8.9	8.3	6.3	7.6	6.5	5.7	
36.0													6.3	8.1	8.2	4.8	6.8	6.3	5.6	5.3
38.0													4.7	6.2	7.1		5.3	6.1	5.4	5.2
40.0														4.5	5.2			5.9	5.3	5.1
42.0																		4.9	5.2	5.1
44.0																			5.2	5.0
46.0																				4.8
θ (°)	62 to 84.5	64 to 84.5	63 to 84.5	64 to 84.5	64 to 84.5	63 to 84.5	66 to 84.5	67 to 84.5	67 to 84.5	68 to 84.5	64 to 84.5	66 to 84.5	66 to 84.5	67 to 84.5	69 to 84.5	64 to 84.5	67 to 84.5	69 to 84.5	71 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 58t, outrigger extension width 6.8m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	23.0	24.7	26.8	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	17.9	19.4	21.2	22.6	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	13.4	15.0	16.8	18.0	18.6	16.6	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	9.8	11.1	12.9	14.1	14.7	13.0	15.1	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	6.8	8.0	9.5	10.5	11.0	9.9	11.9	14.3	13.9	12.7	12.2	12.3	11.0			9.7	8.9			
28.0			6.7	7.6	7.9	7.3	9.1	11.5	13.1	12.6	9.6	12.0	10.6	9.6		9.5	8.6			
30.0							6.7	8.9	10.5	11.5	7.4	9.6	10.4	9.4	8.6	9.3	8.2	7.0		
32.0								6.6	8.0	8.8		7.5	10.1	9.2	8.4	7.7	8.0	6.8		
34.0									5.9	6.5			8.1	9.0	8.3	6.0	7.7	6.6	5.7	
36.0													6.3	8.1	8.2		6.5	6.4	5.6	
38.0														6.3	7.3			6.2	5.4	5.2
40.0															5.4			6.0	5.3	5.2
42.0																			5.2	5.1
44.0																			5.1	5.0
θ (°)	65 to 84.5	67 to 84.5	66 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	69 to 84.5	71 to 84.5	72 to 84.5	74 to 84.5	73 to 84.5	68 to 84.5	71 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

PS + Full Automatic Luffing Jib

Counterweight 58t, outrigger extension width 6.8m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.1	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	13.6	15.1	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	10.0	11.3	13.1	12.4	11.9	13.1	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0		8.2	9.7	10.8	11.4	10.0	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0			6.9	7.9	8.3	7.5	9.3	9.6	8.8	8.3	9.6	9.1	8.0			9.0	8.3			
30.0								9.1	8.4	8.0	7.4	8.7	7.6	6.9		8.8	7.8	6.8		
32.0								6.8	8.1	7.8		7.5	7.2	6.6	6.2	7.6	7.4	6.5		
34.0										6.9			6.9	6.4	5.9		7.1	6.2		
36.0													6.4	6.0	5.7		6.5	5.9	5.4	
38.0														5.7	5.4			5.6	5.1	4.7
40.0																		5.3	4.8	4.4
42.0																			4.5	4.2
44.0																				4.0
θ (°)	69 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	70 to 84.5	69 to 84.5	72 to 84.5	71 to 84.5	73 to 84.5	72 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 58t, outrigger extension width 6.8m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	10.7	12.0	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0		8.9	10.4	9.9	9.5	10.2	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0				8.6	8.8		9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0								7.5	6.9	6.6		7.7	6.8	6.3		6.8	6.8			
32.0									6.4	6.1		7.0	6.3	5.8	5.5		6.5	5.7		
34.0										5.7			5.8	5.4	5.1		5.9	5.3		
36.0														5.0	4.7			4.9	4.5	
38.0														4.6	4.4			4.5	4.2	
40.0																			3.9	3.7
42.0																			3.6	3.4
44.0																				3.1
θ (°)	71 to 84.5	71 to 84.5	73 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	74 to 84.5	74 to 84.5	77 to 84.5	77 to 84.5	79 to 84.5	76 to 84.5	76 to 84.5	78 to 84.5	79 to 84.5	81 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 58t, outrigger extension width 6.8m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0		11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0			9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0					7.7		8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0								6.4	5.9	5.6		6.2	5.4			5.3	5.3			
32.0									5.4	5.2			4.9	4.5			5.0			
34.0													4.5	4.1	3.9			4.0		
36.0														3.8	3.6			3.6		
38.0															3.3				3.0	
40.0																			2.8	
42.0																				2.4
θ (°)	75 to 84.5	75 to 84.5	75 to 84.5	76 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	78 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	80 to 84.5	80 to 84.5	77 to 84.5	79 to 84.5	81 to 84.5	82 to 84.5	84 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 47t, outrigger extension width 8.5m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	33.3	35.0	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	26.0	27.6	27.8	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	20.3	21.8	23.7	23.5	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	15.6	17.2	18.8	19.9	20.6	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	11.6	13.0	14.7	15.8	16.2	15.3	16.7	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	8.3	9.5	11.0	12.0	12.4	11.9	13.9	15.7	13.7	12.7	13.7	12.3	11.0	9.8		10.0	8.9			
28.0		6.6	7.9	8.7	8.9	9.1	10.8	13.1	13.4	12.5	11.6	12.0	10.6	9.6		9.8	8.5	7.2		
30.0				5.9		6.7	8.3	10.4	11.9	12.4	9.1	11.3	10.3	9.3	8.5	9.5	8.2	7.0		
32.0							6.1	7.9	9.3	10.0	7.1	9.0	10.1	9.1	8.4	9.1	7.9	6.7		
34.0								5.8	6.9	7.4	5.3	7.0	9.5	8.9	8.3	7.5	7.6	6.5	5.7	
36.0									4.9	5.2		5.3	7.5	8.8	8.2	5.9	7.4	6.3	5.6	5.3
38.0													5.8	7.3	8.1	4.5	6.4	6.1	5.4	5.2
40.0													4.2	5.6	6.2		4.9	5.9	5.3	5.1
42.0															4.4			5.8	5.2	5.1
44.0																		4.6	5.2	5.0
46.0																			4.8	5.0
θ (°)	62 to 84.5	61 to 84.5	63 to 84.5	62 to 84.5	64 to 84.5	63 to 84.5	63 to 84.5	64 to 84.5	64 to 84.5	65 to 84.5	62 to 84.5	64 to 84.5	64 to 84.5	67 to 84.5	66 to 84.5	62 to 84.5	65 to 84.5	67 to 84.5	69 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 47t, outrigger extension width 8.5m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	26.2	27.9	28.1	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	20.6	22.1	24.0	24.0	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	15.9	17.4	19.1	20.3	21.0	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	11.9	13.3	15.0	16.2	16.7	15.1	16.7	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	8.6	9.8	11.4	12.4	12.9	11.8	13.8	16.1	13.9	12.7	13.7	12.3	11.0			9.7	8.9			
28.0		6.9	8.3	9.2	9.5	8.9	10.8	13.2	13.6	12.6	11.3	12.0	10.6	9.6		9.5	8.6			
30.0				6.4	6.6	6.6	8.2	10.4	12.0	12.5	8.9	11.1	10.4	9.4	8.6	9.3	8.2	7.0		
32.0							6.0	8.0	9.4	10.2	6.8	8.9	10.1	9.2	8.4	9.1	8.0	6.8		
34.0								5.8	7.1	7.7		6.9	9.4	9.0	8.3	7.2	7.7	6.6	5.7	
36.0										5.5			7.4	8.8	8.2	5.6	7.4	6.4	5.6	
38.0													5.7	7.4	8.1		6.1	6.2	5.4	5.2
40.0														5.6	6.5			6.0	5.3	5.2
42.0																		5.8	5.2	5.1
44.0																			5.1	5.0
46.0																			4.8	5.0
θ (°)	65 to 84.5	64 to 84.5	66 to 84.5	65 to 84.5	66 to 84.5	66 to 84.5	66 to 84.5	67 to 84.5	69 to 84.5	67 to 84.5	67 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	73 to 84.5	66 to 84.5	69 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

PS + Full Automatic Luffing Jib

Counterweight 47t, outrigger extension width 8.5m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	16.1	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	12.0	13.5	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0	8.8	10.0	11.6	11.9	11.5	11.9	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0		7.2	8.5	9.5	9.9	9.1	10.8	9.6	8.8	8.3	10.3	9.1	8.0			9.0	8.3			
30.0				6.8	7.1		8.4	9.1	8.4	8.0	8.9	8.7	7.6	6.9		8.8	7.8	6.8		
32.0								8.2	8.1	7.8	6.8	8.2	7.2	6.6	6.2	8.4	7.4	6.5		
34.0									7.4	7.5		6.9	6.9	6.4	5.9	7.1	7.1	6.2		
36.0										6.0			6.6	6.0	5.7		6.7	5.9	5.4	
38.0														5.7	5.4		6.1	5.6	5.1	4.7
40.0														5.4	5.1			5.3	4.8	4.4
42.0																		5.0	4.5	4.2
44.0																			4.3	4.0
46.0																				3.8
θ (°)	67 to 84.5	67 to 84.5	69 to 84.5	68 to 84.5	68 to 84.5	69 to 84.5	70 to 84.5	71 to 84.5	71 to 84.5	70 to 84.5	69 to 84.5	70 to 84.5	73 to 84.5	72 to 84.5	74 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 47t, outrigger extension width 8.5m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	12.7	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0	9.4	10.7	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0			9.2	9.2	8.8	9.2	9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0					7.9		8.2	7.5	6.9	6.6	8.4	7.7	6.8	6.3		6.8	6.8			
32.0								6.9	6.4	6.1		7.0	6.3	5.8	5.5	6.8	6.5	5.7		
34.0									6.0	5.7		6.5	5.8	5.4	5.1		5.9	5.3		
36.0													5.4	5.0	4.7		5.5	4.9	4.5	
38.0														4.6	4.4			4.5	4.2	
40.0															4.1			4.2	3.9	3.7
42.0																			3.6	3.4
44.0																			3.3	3.1
θ (°)	70 to 84.5	71 to 84.5	71 to 84.5	72 to 84.5	71 to 84.5	71 to 84.5	72 to 84.5	73 to 84.5	73 to 84.5	75 to 84.5	73 to 84.5	73 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	74 to 84.5	75 to 84.5	77 to 84.5	78 to 84.5	81 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 47t, outrigger extension width 8.5m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0	11.5	11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0		10.4	9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0				7.9	7.7	8.7	8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0							7.2	6.4	5.9	5.6	6.8	6.2	5.4			5.3	5.3			
32.0								5.8	5.4	5.2		5.6	4.9	4.5			5.0			
34.0									4.9	4.8			4.5	4.1	3.9		4.5	4.0		
36.0													4.1	3.8	3.6			3.6		
38.0														3.5	3.3			3.3	3.0	
40.0															3.0				2.8	
42.0																			2.5	2.4
44.0																				2.2
θ (°)	73 to 84.5	73 to 84.5	75 to 84.5	74 to 84.5	75 to 84.5	74 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	74 to 84.5	75 to 84.5	77 to 84.5	78 to 84.5	78 to 84.5	77 to 84.5	78 to 84.5	80 to 84.5	81 to 84.5	82 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 47t, outrigger extension width 8.0m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	37.6	37.6	30.3	25.6		16.7	16.7				16.4									
16.0	30.8	32.8	29.0	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	23.7	25.4	27.6	24.2	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	18.3	19.8	21.6	23.0	22.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	13.7	15.2	17.0	18.2	18.8	16.7	16.7	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0	9.9	11.2	12.9	14.1	14.7	13.5	15.5	16.3	14.1	12.9	14.2	12.7	11.3			10.3	9.3			
26.0	6.8	8.0	9.5	10.4	10.8	10.3	12.3	14.6	13.7	12.7	12.9	12.3	11.0	9.8		10.0	8.9			
28.0			6.5	7.3	7.5	7.7	9.4	11.8	13.3	12.5	10.2	12.0	10.6	9.6		9.8	8.5	7.2		
30.0						5.4	7.0	9.1	10.6	11.5	7.9	10.0	10.3	9.3	8.5	9.5	8.2	7.0		
32.0								6.7	8.1	8.8	5.9	7.8	10.1	9.1	8.4	8.2	7.9	6.7		
34.0									5.8	6.3		5.9	8.4	8.9	8.3	6.4	7.6	6.5	5.7	
36.0													6.5	8.2	8.2	4.9	6.9	6.3	5.6	5.3
38.0													4.8	6.3	7.2		5.4	6.1	5.4	5.2
40.0														4.6	5.3			5.9	5.3	5.1
42.0																		5.0	5.2	5.1
44.0																			5.2	5.0
46.0																				4.9
θ (°)	62 to 84.5	64 to 84.5	63 to 84.5	64 to 84.5	64 to 84.5	63 to 84.5	66 to 84.5	67 to 84.5	67 to 84.5	68 to 84.5	64 to 84.5	66 to 84.5	66 to 84.5	67 to 84.5	69 to 84.5	64 to 84.5	67 to 84.5	69 to 84.5	71 to 84.5	72 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 47t, outrigger extension width 8.0m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	28.6	28.6	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	23.9	25.6	27.9	24.6	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	18.6	20.0	21.9	23.4	22.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	13.9	15.5	17.3	18.5	19.2	16.7	16.7	16.7	14.6		14.4	13.1				10.1	9.5			
24.0	10.1	11.5	13.3	14.6	15.1	13.4	15.5	16.6	14.2	12.9	14.1	12.7	11.3			9.9	9.2			
26.0	7.1	8.3	9.8	10.9	11.3	10.2	12.2	14.6	13.9	12.7	12.6	12.3	11.0			9.7	8.9			
28.0			6.9	7.8	8.1	7.6	9.4	11.8	13.4	12.6	9.9	12.0	10.6	9.6		9.5	8.6			
30.0							6.9	9.1	10.8	11.7	7.6	9.8	10.4	9.4	8.6	9.3	8.2	7.0		
32.0								6.8	8.2	9.0		7.7	10.1	9.2	8.4	7.9	8.0	6.8		
34.0									6.0	6.6			8.3	9.0	8.3	6.1	7.7	6.6	5.7	
36.0													6.4	8.3	8.2		6.7	6.4	5.6	
38.0														6.4	7.4			6.2	5.4	5.2
40.0															5.5			6.0	5.3	5.2
42.0																			5.2	5.1
44.0																			5.1	5.0
θ (°)	65 to 84.5	67 to 84.5	66 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	68 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	69 to 84.5	71 to 84.5	72 to 84.5	74 to 84.5	73 to 84.5	68 to 84.5	71 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

PS + Full Automatic Luffing Jib

Counterweight 47t, outrigger extension width 8.0m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	19.7	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	18.4	16.6	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0	14.1	15.7	14.0	13.0	12.4	14.5	12.8	11.1	10.0		12.2	10.9				9.0				
24.0	10.3	11.7	13.3	12.4	11.9	13.5	12.1	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0		8.5	10.1	11.2	11.5	10.4	11.4	10.0	9.2	8.6	10.9	9.7	8.4			9.0	8.7			
28.0			7.2	8.1	8.5	7.7	9.5	9.6	8.8	8.3	9.9	9.1	8.0			9.0	8.3			
30.0								9.1	8.4	8.0	7.6	8.7	7.6	6.9		8.8	7.8	6.8		
32.0								7.0	8.1	7.8		7.7	7.2	6.6	6.2	7.8	7.4	6.5		
34.0										7.1			6.9	6.4	5.9		7.1	6.2		
36.0													6.5	6.0	5.7		6.7	5.9	5.4	
38.0														5.7	5.4			5.6	5.1	4.7
40.0																		5.3	4.8	4.4
42.0																			4.5	4.2
44.0																				4.0
θ (°)	69 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	70 to 84.5	69 to 84.5	72 to 84.5	71 to 84.5	73 to 84.5	72 to 84.5	70 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	76 to 84.5	72 to 84.5	73 to 84.5	75 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 47t, outrigger extension width 8.0m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	15.0	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0	14.0	13.0	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0	11.0	12.1	11.1	10.5	10.1	11.2	10.2	9.1	8.4		8.8	8.8				6.8				
26.0		9.2	10.5	9.9	9.5	10.5	9.6	8.6	8.0	7.6	8.8	8.7	7.7			6.8	6.8			
28.0				8.8	8.8		9.0	8.1	7.5	7.1	8.8	8.1	7.2			6.8	6.8			
30.0								7.5	6.9	6.6		7.7	6.8	6.3		6.8	6.8			
32.0									6.4	6.1		7.0	6.3	5.8	5.5		6.5	5.7		
34.0										5.7			5.8	5.4	5.1		5.9	5.3		
36.0														5.0	4.7			4.9	4.5	
38.0														4.6	4.4			4.5	4.2	
40.0																			3.9	3.7
42.0																			3.6	3.4
44.0																				3.1
θ (°)	71 to 84.5	71 to 84.5	73 to 84.5	72 to 84.5	73 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	74 to 84.5	74 to 84.5	77 to 84.5	77 to 84.5	79 to 84.5	76 to 84.5	76 to 84.5	78 to 84.5	79 to 84.5	81 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 47t, outrigger extension width 8.0m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
14.0	11.5																			
16.0	11.5	11.5				8.7														
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8									
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3				
22.0	11.5	11.5	11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3				
24.0		11.3	10.2	9.5	9.2	8.7	8.7	8.4			6.8	6.8				5.3				
26.0			9.3	8.7	8.4	8.7	8.7	7.6	7.0	6.6	6.8	6.8				5.3	5.3			
28.0					7.7		8.0	7.0	6.4	6.1	6.8	6.8	5.9			5.3	5.3			
30.0								6.4	5.9	5.6		6.2	5.4			5.3	5.3			
32.0									5.4	5.2			4.9	4.5			5.0			
34.0													4.5	4.1	3.9			4.0		
36.0														3.8	3.6			3.6		
38.0															3.3				3.0	
40.0																			2.8	
42.0																				2.4
θ (°)	75 to 84.5	75 to 84.5	75 to 84.5	76 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	78 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	80 to 84.5	80 to 84.5	77 to 84.5	79 to 84.5	81 to 84.5	82 to 84.5	84 to 84.5
Standard hook block	12.2t																			
Hook block weight	440kg																			
Standard number of parts of line	1																			

Counterweight 47t, outrigger extension width 6.8m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	32.3	34.7	30.3	25.6		16.7	16.7				16.4									
16.0	24.2	26.1	28.6	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	18.2	19.9	22.0	23.6	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0	13.2	14.9	16.9	18.3	19.1	16.7	16.7	16.7	14.9		15.2	13.6				10.7				
22.0	9.2	10.7	12.6	14.0	14.7	12.8	15.1	16.7	14.5	13.1	14.7	13.1	11.6			10.5	9.7			
24.0			8.9	10.1	10.6	9.5	11.6	14.2	14.1	12.9	12.0	12.7	11.3			10.3	9.3			
26.0					7.2	6.7	8.6	11.2	13.0	12.7	9.2	11.8	11.0	9.8		10.0	8.9			
28.0								8.4	10.2	11.2	6.9	9.2	10.6	9.6		9.2	8.5	7.2		
30.0								6.0	7.6	8.4		7.0	9.9	9.3	8.5	7.2	8.2	7.0		
32.0										5.9			7.7	9.1	8.4		7.8	6.7		
34.0													5.7	7.7	8.3		6.0	6.5	5.7	
36.0														5.8	6.9			6.3	5.6	5.3
38.0																		5.7	5.4	5.2
40.0																			5.3	5.1
42.0																				5.1
θ (°)	67 to 84.5	69 to 84.5	69 to 84.5	70 to 84.5	68 to 84.5	68 to 84.5	70 to 84.5	69 to 84.5	72 to 84.5	70 to 84.5	68 to 84.5	70 to 84.5	71 to 84.5	72 to 84.5	74 to 84.5	70 to 84.5	71 to 84.5	73 to 84.5	76 to 84.5	77 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 47t, outrigger extension width 6.8m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	24.4	26.4	28.6	25.2	23.0	16.7	16.7				15.3									
18.0	18.5	20.1	22.3	24.0	22.7	16.7	16.7				14.9	13.9				10.5				
20.0	13.5	15.2	17.2	18.6	19.4	16.7	16.7	16.7			14.7	13.5				10.3				
22.0	9.4	11.0	12.9	14.4	15.1	12.7	15.0	16.7	14.6		14.4	13.1				10.1	9.5			
24.0			9.3	10.5	11.1	9.4	11.6	14.2	14.2	12.9	11.8	12.7	11.3			9.9	9.2			
26.0					7.7		8.6	11.2	13.1	12.7	9.0	11.6	11.0			9.7	8.9			
28.0								8.4	10.3	11.4		9.0	10.6	9.6		8.9	8.6			
30.0									7.7	8.7			9.8	9.4	8.6		8.2	7.0		
32.0													7.6	9.2	8.4		7.5	6.8		
34.0														7.7	8.3			6.6	5.7	
36.0															7.0			6.4	5.6	
38.0																			5.4	5.2
40.0																			5.3	5.2
42.0																				5.1
θ (°)	70 to 84.5	71 to 84.5	71 to 84.5	73 to 84.5	71 to 84.5	72 to 84.5	72 to 84.5	73 to 84.5	74 to 84.5	75 to 84.5	72 to 84.5	75 to 84.5	76 to 84.5	78 to 84.5	78 to 84.5	73 to 84.5	74 to 84.5	77 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

PS + Full Automatic Luffing Jib

Counterweight 47t, outrigger extension width 6.8m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	18.6	17.8	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0	13.6	15.4	14.8	13.7	13.0	15.5	13.6	11.7			12.2	11.5				9.0				
22.0		11.2	13.1	13.0	12.4	12.8	12.8	11.1	10.0		12.2	10.9				9.0				
24.0			9.5	10.8	11.5	9.5	11.7	10.6	9.6	9.0	11.7	10.2				9.0	8.9			
26.0					8.1			10.0	9.2	8.6		9.7	8.4			9.0	8.7			
28.0								8.6	8.8	8.3		9.0	8.0			8.8	8.3			
30.0									8.0	8.0			7.6	6.9			7.8	6.8		
32.0													7.2	6.6	6.2			6.5		
34.0														6.4	5.9			6.2		
36.0															5.7			5.9	5.4	
38.0																			5.1	4.7
40.0																				4.4
θ (°)	73 to 84.5	73 to 84.5	73 to 84.5	74 to 84.5	73 to 84.5	72 to 84.5	75 to 84.5	75 to 84.5	75 to 84.5	77 to 84.5	75 to 84.5	76 to 84.5	76 to 84.5	78 to 84.5	78 to 84.5	74 to 84.5	78 to 84.5	78 to 84.5	81 to 84.5	82 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 47t, outrigger extension width 6.8m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
12.0	15.0																			
14.0	15.0	15.0				11.7														
16.0	15.0	15.0	14.5			11.7														
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8									
20.0	14.3	13.9	12.6	11.8	11.3	11.7	11.7				8.8					6.8				
22.0		11.8	11.9	11.1	10.7	11.7	10.9	9.7			8.8	8.8				6.8				
24.0				10.5	10.1		10.2	9.1	8.4		8.8	8.8				6.8				
26.0								8.6	8.0	7.6		8.7	7.7			6.8	6.8			
28.0									7.5	7.1		8.1	7.2				6.8			
30.0										6.6			6.8	6.3			6.8			
32.0														5.8	5.5			5.7		
34.0														5.4	5.1			5.3		
36.0															4.7				4.5	
38.0																			4.2	
40.0																				3.7
θ (°)	75 to 84.5	75 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	79 to 84.5	78 to 84.5	77 to 84.5	77 to 84.5	80 to 84.5	80 to 84.5	80 to 84.5	78 to 84.5	79 to 84.5	81 to 84.5	82 to 84.5	84 to 84.5
Standard hook block	35t					12.2t														
Hook block weight	950kg					440kg														
Standard number of parts of line	2					1														

Counterweight 47t, outrigger extension width 6.8m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m	
Load radius	Offset					Offset					Offset					Offset	
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°
14.0	11.5																
16.0	11.5	11.5				8.7											
18.0	11.5	11.5	11.5	11.5		8.7	8.7				6.8						
20.0	11.5	11.5	11.5	11.0	10.5	8.7	8.7				6.8					5.3	
22.0			11.0	10.4	9.9	8.7	8.7	8.7			6.8	6.8				5.3	
24.0					9.2		8.7	8.4			6.8	6.8				5.3	
26.0								7.6	7.0	6.6		6.8					5.3
28.0									6.4	6.1			5.9				5.3
30.0										5.6			5.4				
32.0														4.5			
34.0															3.9		
θ (°)	77 to 84.5	78 to 84.5	78 to 84.5	80 to 84.5	78 to 84.5	78 to 84.5	78 to 84.5	80 to 84.5	80 to 84.5	80 to 84.5	79 to 84.5	80 to 84.5	81 to 84.5	83 to 84.5	84 to 84.5	81 to 84.5	82 to 84.5
Standard hook block	12.2t																
Hook block weight	440kg																
Standard number of parts of line	1																

Counterweight 25t, outrigger extension width 8.5m
PS + 40.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
9.0	37.6																			
10.0	37.6					16.7														
11.0	37.6	37.6				16.7														
12.0	37.6	37.6				16.7														
14.0	29.8	32.4	30.3	25.6		16.7	16.7				16.4									
16.0	21.5	23.6	26.3	24.8	22.8	16.7	16.7				16.0					10.9				
18.0	15.5	17.3	19.6	21.3	22.4	16.7	16.7	16.7			15.6	14.0				10.9				
20.0		12.3	14.5	16.0	16.8	14.4	16.7	16.7	14.9		15.2	13.6				10.7				
22.0			10.1	11.6	12.4	10.4	12.9	15.6	14.5	13.1	13.0	13.1	11.6			10.5	9.7			
24.0							9.4	12.2	14.1	12.9	9.8	12.5	11.3			10.3	9.3			
26.0								9.2	11.1	12.2		9.7	11.0	9.8		9.6	8.9			
28.0									8.3	9.4			10.3	9.6			8.5	7.2		
30.0													8.1	9.3	8.5		7.9	7.0		
32.0														8.2	8.4			6.7		
34.0															7.4			6.5	5.7	
36.0																			5.6	5.3
38.0																			5.4	5.2
40.0																				5.1
θ (°)	72 to 84.5	71 to 84.5	71 to 84.5	73 to 84.5	73 to 84.5	72 to 84.5	72 to 84.5	74 to 84.5	74 to 84.5	76 to 84.5	72 to 84.5	74 to 84.5	75 to 84.5	77 to 84.5	77 to 84.5	73 to 84.5	74 to 84.5	77 to 84.5	78 to 84.5	79 to 84.5
Standard hook block	80t					35t										12.2t				
Hook block weight	1550kg					950kg										440kg				
Standard number of parts of line	4					2										1				

Counterweight 25t, outrigger extension width 8.5m
PS + 45.4m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
10.0	28.6																			
11.0	28.6																			
12.0	28.6	28.6				16.7														
14.0	28.6	28.6	28.6			16.7					15.5									
16.0	21.8	23.8	26.6	25.2	23.0	16.7	16.7				15.3									
18.0	15.7	17.6	19.9	21.7	22.7	16.7	16.7				14.9	13.9				10.5				
20.0		12.6	14.8	16.3	17.2	14.3	16.7	16.7			14.7	13.5				10.3				
22.0			10.5	12.0	12.9		12.8	15.7	14.6		12.8	13.1				10.1	9.5			
24.0								12.2	14.2	12.9		12.3	11.3			9.9	9.2			
26.0								9.2	11.2	12.4		9.5	11.0				8.9			
28.0									8.4	9.6			10.3	9.6			8.6			
30.0														9.4	8.6			7.0		
32.0														8.2	8.4			6.8		
34.0																			5.7	
36.0																			5.6	
38.0																				5.2
θ (°)	74 to 84.5	73 to 84.5	73 to 84.5	75 to 84.5	76 to 84.5	76 to 84.5	76 to 84.5	76 to 84.5	76 to 84.5	77 to 84.5	76 to 84.5	76 to 84.5	80 to 84.5	80 to 84.5	82 to 84.5	76 to 84.5	78 to 84.5	80 to 84.5	81 to 84.5	83 to 84.5
Standard hook block	35t					35t										12.2t				
Hook block weight	950kg					950kg										440kg				
Standard number of parts of line	3					2										1				

PS + Full Automatic Luffing Jib

Counterweight 25t, outrigger extension width 8.5m
PS + 50.5m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m					31.0m				
Load radius	Offset					Offset					Offset					Offset				
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
11.0	21.0																			
12.0	21.0																			
14.0	21.0	20.4				15.9														
16.0	21.0	19.0	16.7	15.2		15.9	15.6				12.2									
18.0	15.9	17.7	15.7	14.4	13.6	15.9	14.5				12.2					9.0				
20.0		12.7	14.8	13.7	13.0	14.4	13.6	11.7			12.2	11.5				9.0				
22.0				12.3	12.4		12.8	11.1	10.0		12.2	10.9				9.0				
24.0								10.6	9.6	9.0		10.2				9.0	8.9			
26.0									9.2	8.6			8.4				8.7			
28.0										8.3			8.0				8.3			
30.0														6.9				6.8		
32.0															6.2			6.5		
34.0																				
36.0																			5.4	
38.0																				4.7
θ (°)	75 to 84.5	75 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	76 to 84.5	77 to 84.5	78 to 84.5	79 to 84.5	79 to 84.5	77 to 84.5	79 to 84.5	80 to 84.5	82 to 84.5	82 to 84.5	77 to 84.5	79 to 84.5	81 to 84.5	83 to 84.5	84 to 84.5
Standard hook block	35t										12.2t									
Hook block weight	950kg										440kg									
Standard number of parts of line	2										1									

Counterweight 25t, outrigger extension width 8.5m
PS + 55.6m boom + 2.3m + full automatic luffing jib

Unit: t

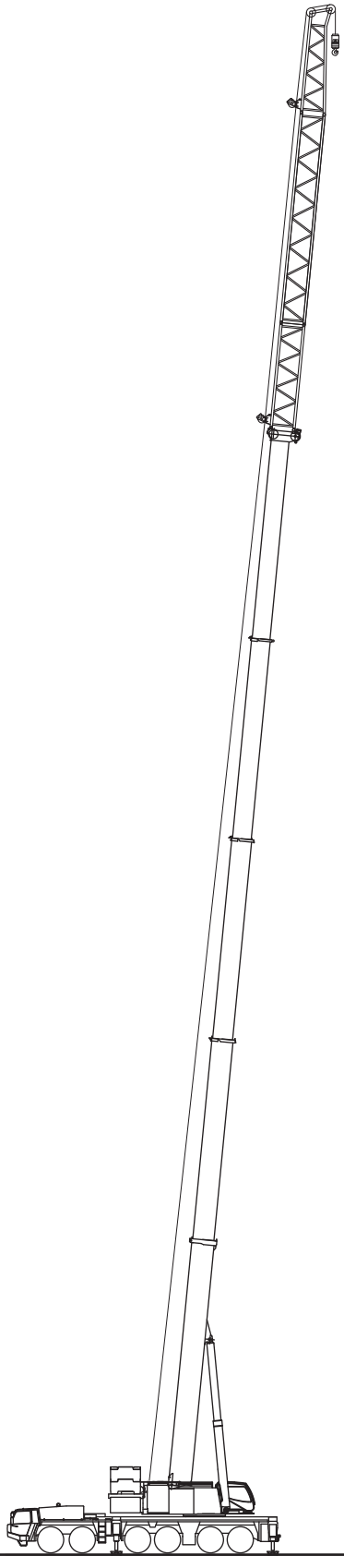
Jib length (m)	10.3m					17.2m					24.1m					31.0m	
Load radius	Offset					Offset					Offset					Offset	
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°
12.0	15.0																
14.0	15.0	15.0				11.7											
16.0	15.0	15.0	14.5			11.7											
18.0	15.0	15.0	13.5	12.6	11.9	11.7	11.7				8.8						
20.0			12.6	11.8	11.3	11.7	11.7				8.8					6.8	
22.0				11.1	10.7		10.9	9.7			8.8	8.8				6.8	
24.0								9.1	8.4			8.8					
26.0									8.0	7.6			7.7				6.8
28.0										7.1			7.2				
30.0														6.3			
32.0															5.5		
θ (°)	77 to 84.5	78 to 84.5	78 to 84.5	78 to 84.5	79 to 84.5	77 to 84.5	78 to 84.5	80 to 84.5	81 to 84.5	80 to 84.5	79 to 84.5	80 to 84.5	82 to 84.5	83 to 84.5	84 to 84.5	81 to 84.5	82 to 84.5
Standard hook block	35t					12.2t											
Hook block weight	950kg					440kg											
Standard number of parts of line	2					1											

Counterweight 25t, outrigger extension width 8.5m
PS + 60.0m boom + 2.3m + full automatic luffing jib

Unit: t

Jib length (m)	10.3m					17.2m					24.1m		31.0m
Load radius	Offset					Offset					Offset		Offset
(m)	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	5°
14.0	11.5												
16.0	11.5	11.5				8.7							
18.0		11.5	11.5	11.5		8.7	8.7				6.8		
20.0			11.5	11.0	10.5		8.7				6.8		5.3
22.0								8.7				6.8	5.3
24.0								8.4					
26.0									7.0	6.6			
θ (°)	80 to 84.5	80 to 84.5	80 to 84.5	81 to 84.5	82 to 84.5	81 to 84.5	82 to 84.5	81 to 84.5	82 to 84.5	84 to 84.5	81 to 84.5	82 to 84.5	82 to 84.5
Standard hook block	12.2t												
Hook block weight	440kg												
Standard number of parts of line	1												

ALL TERRAIN CRANE
ATF400G-6
Fixed Jib

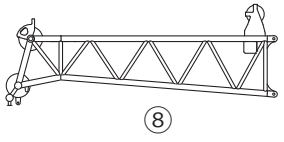


Fixed Jib

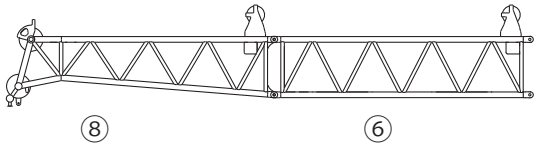
■ Configuration of fixed jib (LFJ)

No.	Name	Length
⑥	Middle jib C	6.0 m
⑦	Middle jib D	12.0 m
⑧	Top jib	6.0 m

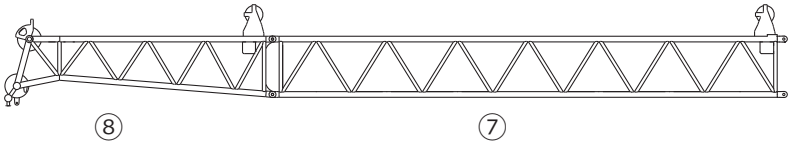
6.0m jib



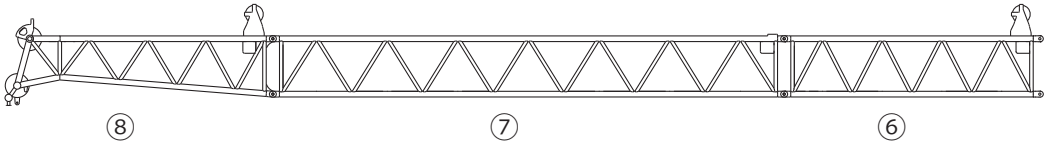
12.0m jib



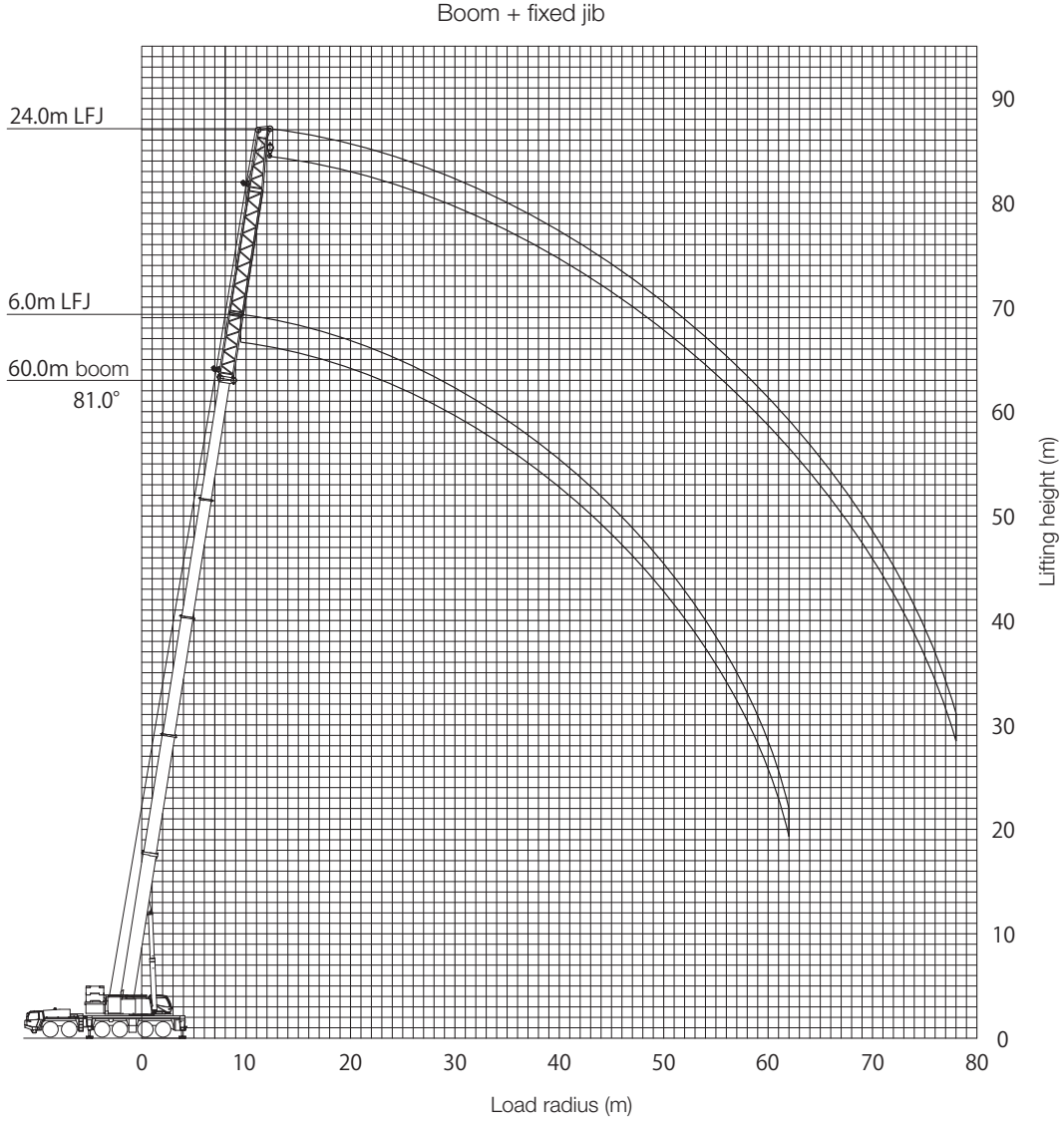
18.0m jib



24.0m jib



Working range chart for boom + fixed jib (LFJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 98t and outrigger extension width 8.5m.

Fixed Jib

Rated lifting capacity table for boom + fixed jib (LFJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	98 t	78 t	58 t	47 t	25 t
8.5 m	○	○	○	○	○
8.0 m	○	○	○	○	○
6.8 m		○	○	○	○

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom and jib deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	40.4 m	45.4 m	50.5 m	55.6 m	60.0 m
Telescopic section 1	90	90	90	90	100
Telescopic section 2	90	90	90	90	100
Telescopic section 3	45	90	90	90	100
Telescopic section 4	0	0	45	90	100

◆ The rated lifting capacity when the B-pins (boom fixing pins) are not inserted is 26.6t or less.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	4	3	2	1
Maximum load	47.4t	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "θ (°)" indicates the boom angle range in which no-load operation is enabled.

Counterweight 98t, outrigger extension width 8.5m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	31.0	27.2	21.5	18.7	17.8
20.0	28.9	25.3	20.1	17.5	16.6
22.0	27.1	23.7	18.9	16.4	15.6
24.0	25.5	22.2	17.8	15.5	14.7
26.0	24.1	21.0	16.9	14.6	13.9
28.0	22.7	19.8	16.1	13.9	13.2
30.0	21.2	18.8	15.4	13.2	12.5
32.0	19.5	18.0	14.7	12.6	12.0
34.0	18.0	17.2	14.1	12.1	11.4
36.0	16.6	16.2	13.6	11.6	11.0
38.0	15.4	15.0	13.1	11.2	10.5
40.0	14.3	13.9	12.7	10.8	10.1
42.0	13.3	12.9	12.3	10.4	9.8
44.0	11.0	12.1	12.0	10.1	9.5
46.0		11.3	11.3	9.7	9.1
48.0		10.5	10.5	9.5	8.9
50.0			9.9	9.2	8.6
54.0			7.9	8.7	8.2
58.0				7.7	7.3
62.0					6.5
θ (°)	10 to 82	16 to 82	10 to 82	16 to 82	17 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 98t, outrigger extension width 8.5m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	26.0	22.8	17.8	15.9	15.0
22.0	24.3	21.4	16.7	14.9	14.1
24.0	22.8	20.2	15.7	14.0	13.2
26.0	21.5	19.1	14.8	13.2	12.5
28.0	20.3	18.0	14.1	12.5	11.8
30.0	19.3	17.1	13.4	11.8	11.2
32.0	18.4	16.2	12.7	11.3	10.6
34.0	17.5	15.5	12.2	10.7	10.1
36.0	16.3	14.8	11.7	10.3	9.7
38.0	15.1	14.1	11.2	9.8	9.3
40.0	14.0	13.6	10.8	9.4	8.9
42.0	13.0	12.7	10.4	9.1	8.6
44.0	12.1	11.8	10.1	8.8	8.2
46.0	11.4	11.0	9.7	8.5	7.9
48.0	10.6	10.3	9.5	8.2	7.7
50.0	8.7	9.6	9.2	7.9	7.4
54.0		8.4	8.4	7.5	7.0
58.0			7.4	7.1	6.3
62.0				6.5	5.7
66.0				2.5	5.2
70.0					3.3
θ (°)	10 to 83	16 to 83	19 to 83	0 to 83	0 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 98t, outrigger extension width 8.5m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	20.7	18.1	14.3	12.8	12.1
26.0	19.6	17.1	13.5	12.0	11.4
28.0	18.3	16.2	12.8	11.4	10.8
30.0	17.1	15.4	12.1	10.8	10.2
32.0	16.1	14.7	11.5	10.2	9.7
34.0	15.2	14.0	11.0	9.7	9.2
36.0	14.4	13.4	10.5	9.3	8.8
38.0	13.6	12.9	10.0	8.9	8.4
40.0	13.0	12.4	9.6	8.5	8.0
42.0	12.4	11.9	9.2	8.1	7.7
44.0	11.8	11.4	8.9	7.8	7.4
46.0	11.3	10.9	8.6	7.5	7.1
48.0	10.5	10.1	8.3	7.2	6.8
50.0	9.9	9.5	8.0	7.0	6.6
54.0	8.7	8.3	7.6	6.5	6.0
58.0		7.3	7.2	6.2	5.4
62.0			6.4	5.8	4.8
66.0			5.0	5.6	4.4
70.0				4.9	4.0
74.0					3.7
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 98t, outrigger extension width 8.5m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.8	10.9	9.7	9.3
32.0	12.4	13.2	10.3	9.2	8.8
34.0	11.7	12.6	9.8	8.8	8.3
36.0	11.1	12.0	9.4	8.3	7.9
38.0	10.5	11.5	8.9	8.0	7.5
40.0	9.9	10.9	8.5	7.6	7.2
42.0	9.4	10.4	8.2	7.3	6.9
44.0	9.0	9.9	7.9	6.9	6.6
46.0	8.5	9.4	7.5	6.7	6.3
48.0	8.1	9.0	7.3	6.4	6.0
50.0	7.8	8.6	7.0	6.1	5.7
54.0	7.1	7.9	6.5	5.7	5.0
58.0	6.6	7.0	6.1	5.3	4.4
62.0	5.2	6.2	5.8	5.0	3.9
66.0		5.4	5.3	4.7	3.5
70.0			4.6	4.3	3.1
74.0				4.0	2.8
78.0					2.5
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	22 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Fixed Jib

Counterweight 98t, outrigger extension width 8.0m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	31.0	27.2	21.5	18.7	17.8
20.0	28.9	25.3	20.1	17.5	16.6
22.0	27.1	23.7	18.9	16.4	15.6
24.0	25.5	22.2	17.8	15.5	14.7
26.0	24.1	21.0	16.9	14.6	13.9
28.0	22.7	19.8	16.1	13.9	13.2
30.0	21.2	18.8	15.4	13.2	12.5
32.0	19.5	18.0	14.7	12.6	12.0
34.0	18.0	17.2	14.1	12.1	11.4
36.0	16.6	16.2	13.6	11.6	11.0
38.0	15.4	15.0	13.1	11.2	10.5
40.0	14.3	13.9	12.7	10.8	10.1
42.0	13.3	12.9	12.3	10.4	9.8
44.0	11.0	12.1	12.0	10.1	9.5
46.0		11.3	11.3	9.7	9.1
48.0		10.5	10.5	9.5	8.9
50.0			9.9	9.2	8.6
54.0			7.9	8.7	8.2
58.0				7.6	7.3
62.0					6.4
θ (°)	10 to 82	16 to 82	10 to 82	16 to 82	17 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 98t, outrigger extension width 8.0m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	26.0	22.8	17.8	15.9	15.0
22.0	24.3	21.4	16.7	14.9	14.1
24.0	22.8	20.2	15.7	14.0	13.2
26.0	21.5	19.1	14.8	13.2	12.5
28.0	20.3	18.0	14.1	12.5	11.8
30.0	19.3	17.1	13.4	11.8	11.2
32.0	18.4	16.2	12.7	11.3	10.6
34.0	17.5	15.5	12.2	10.7	10.1
36.0	16.3	14.8	11.7	10.3	9.7
38.0	15.1	14.1	11.2	9.8	9.3
40.0	14.0	13.6	10.8	9.4	8.9
42.0	13.0	12.7	10.4	9.1	8.6
44.0	12.1	11.8	10.1	8.8	8.2
46.0	11.4	11.0	9.7	8.5	7.9
48.0	10.6	10.3	9.5	8.2	7.7
50.0	8.7	9.6	9.2	7.9	7.4
54.0		8.3	8.4	7.5	7.0
58.0			7.3	7.1	6.3
62.0				6.5	5.7
66.0				2.5	5.2
70.0					3.3
θ (°)	10 to 83	16 to 83	19 to 83	0 to 83	0 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 98t, outrigger extension width 8.0m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	20.7	18.1	14.3	12.8	12.1
26.0	19.6	17.1	13.5	12.0	11.4
28.0	18.3	16.2	12.8	11.4	10.8
30.0	17.1	15.4	12.1	10.8	10.2
32.0	16.1	14.7	11.5	10.2	9.7
34.0	15.2	14.0	11.0	9.7	9.2
36.0	14.4	13.4	10.5	9.3	8.8
38.0	13.6	12.9	10.0	8.9	8.4
40.0	13.0	12.4	9.6	8.5	8.0
42.0	12.4	11.9	9.2	8.1	7.7
44.0	11.8	11.4	8.9	7.8	7.4
46.0	11.3	10.9	8.6	7.5	7.1
48.0	10.5	10.1	8.3	7.2	6.8
50.0	9.9	9.5	8.0	7.0	6.6
54.0	8.7	8.3	7.6	6.5	6.0
58.0		7.3	7.2	6.2	5.4
62.0			6.4	5.8	4.8
66.0			5.0	5.6	4.4
70.0				4.7	4.0
74.0					3.7
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 98t, outrigger extension width 8.0m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.8	10.9	9.7	9.3
32.0	12.4	13.2	10.3	9.2	8.8
34.0	11.7	12.6	9.8	8.8	8.3
36.0	11.1	12.0	9.4	8.3	7.9
38.0	10.5	11.5	8.9	8.0	7.5
40.0	9.9	10.9	8.5	7.6	7.2
42.0	9.4	10.4	8.2	7.3	6.9
44.0	9.0	9.9	7.9	6.9	6.6
46.0	8.5	9.4	7.5	6.7	6.3
48.0	8.1	9.0	7.3	6.4	6.0
50.0	7.8	8.6	7.0	6.1	5.7
54.0	7.1	7.9	6.5	5.7	5.0
58.0	6.6	7.0	6.1	5.3	4.4
62.0	5.2	6.2	5.8	5.0	3.9
66.0		5.2	5.3	4.7	3.5
70.0			4.4	4.3	3.1
74.0				3.7	2.8
78.0					2.5
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	22 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Counterweight 78t, outrigger extension width 8.5m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	31.0	27.2	21.5	18.7	17.8
20.0	28.9	25.3	20.1	17.5	16.6
22.0	27.1	23.7	18.9	16.4	15.6
24.0	25.5	22.2	17.8	15.5	14.7
26.0	24.1	21.0	16.9	14.6	13.9
28.0	22.1	19.8	16.1	13.9	13.2
30.0	19.7	18.8	15.4	13.2	12.5
32.0	17.6	18.0	14.7	12.6	12.0
34.0	15.9	16.2	14.1	12.1	11.4
36.0	14.3	14.7	13.6	11.6	11.0
38.0	13.0	13.3	13.1	11.2	10.5
40.0	11.7	12.0	12.6	10.8	10.1
42.0	10.6	10.9	11.5	10.4	9.8
44.0	9.6	9.9	10.5	10.1	9.5
46.0		8.9	9.5	9.7	9.1
48.0		8.0	8.6	9.1	8.9
50.0			7.8	8.3	8.3
54.0			6.4	6.8	6.8
58.0				5.6	5.5
62.0					4.5
θ (°)	10 to 82	16 to 82	10 to 82	16 to 82	17 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 78t, outrigger extension width 8.5m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	26.0	22.8	17.8	15.9	15.0
22.0	24.3	21.4	16.7	14.9	14.1
24.0	22.8	20.2	15.7	14.0	13.2
26.0	21.5	19.1	14.8	13.2	12.5
28.0	20.3	18.0	14.1	12.5	11.8
30.0	19.3	17.1	13.4	11.8	11.2
32.0	18.2	16.2	12.7	11.3	10.6
34.0	16.4	15.5	12.2	10.7	10.1
36.0	14.8	14.8	11.7	10.3	9.7
38.0	13.4	13.7	11.2	9.8	9.3
40.0	12.2	12.4	10.8	9.4	8.9
42.0	11.1	11.3	10.4	9.1	8.6
44.0	10.1	10.3	10.1	8.8	8.2
46.0	9.1	9.3	9.7	8.5	7.9
48.0	8.2	8.4	8.8	8.2	7.7
50.0	7.4	7.6	8.0	7.9	7.4
54.0		6.1	6.5	6.9	6.8
58.0			5.3	5.7	5.5
62.0				4.6	4.4
66.0				2.5	3.5
70.0					2.8
θ (°)	10 to 83	16 to 83	19 to 83	0 to 83	0 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 78t, outrigger extension width 8.5m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	20.7	18.1	14.3	12.8	12.1
26.0	19.6	17.1	13.5	12.0	11.4
28.0	18.3	16.2	12.8	11.4	10.8
30.0	17.1	15.4	12.1	10.8	10.2
32.0	16.1	14.7	11.5	10.2	9.7
34.0	15.2	14.0	11.0	9.7	9.2
36.0	14.4	13.4	10.5	9.3	8.8
38.0	13.6	12.9	10.0	8.9	8.4
40.0	12.7	12.4	9.6	8.5	8.0
42.0	11.6	11.6	9.2	8.1	7.7
44.0	10.6	10.6	8.9	7.8	7.4
46.0	9.7	9.7	8.6	7.5	7.1
48.0	8.7	8.8	8.3	7.2	6.8
50.0	7.9	7.9	8.0	7.0	6.6
54.0	6.5	6.5	6.9	6.5	6.0
58.0		5.3	5.6	5.8	5.4
62.0			4.5	4.8	4.6
66.0			3.6	3.8	3.6
70.0				3.0	2.8
74.0					2.1
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 78t, outrigger extension width 8.5m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.8	10.9	9.7	9.3
32.0	12.4	13.2	10.3	9.2	8.8
34.0	11.7	12.6	9.8	8.8	8.3
36.0	11.1	12.0	9.4	8.3	7.9
38.0	10.5	11.5	8.9	8.0	7.5
40.0	9.9	10.9	8.5	7.6	7.2
42.0	9.4	10.4	8.2	7.3	6.9
44.0	9.0	9.9	7.9	6.9	6.6
46.0	8.5	9.4	7.5	6.7	6.3
48.0	8.1	9.0	7.3	6.4	6.0
50.0	7.8	8.1	7.0	6.1	5.7
54.0	6.7	6.6	6.5	5.7	5.0
58.0	5.4	5.4	5.6	5.3	4.4
62.0	4.4	4.3	4.5	4.6	3.9
66.0		3.4	3.5	3.7	3.5
70.0			2.7	2.9	2.6
74.0				2.2	1.9
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	29 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Fixed Jib

Counterweight 78t, outrigger extension width 8.0m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	31.0	27.2	21.5	18.7	17.8
20.0	28.9	25.3	20.1	17.5	16.6
22.0	27.1	23.7	18.9	16.4	15.6
24.0	25.5	22.2	17.8	15.5	14.7
26.0	23.6	21.0	16.9	14.6	13.9
28.0	20.8	19.8	16.1	13.9	13.2
30.0	18.5	18.8	15.4	13.2	12.5
32.0	16.5	16.9	14.7	12.6	12.0
34.0	14.8	15.1	14.1	12.1	11.4
36.0	13.3	13.6	13.6	11.6	11.0
38.0	12.0	12.3	12.9	11.2	10.5
40.0	10.8	11.1	11.7	10.8	10.1
42.0	9.7	10.0	10.6	10.4	9.8
44.0	8.7	9.0	9.6	10.1	9.5
46.0		8.1	8.7	9.2	9.1
48.0		7.2	7.8	8.3	8.3
50.0			7.0	7.5	7.5
54.0			5.7	6.1	6.1
58.0				5.0	4.9
62.0					3.9
θ (°)	10 to 82	16 to 82	10 to 82	16 to 82	17 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 78t, outrigger extension width 8.0m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	26.0	22.8	17.8	15.9	15.0
22.0	24.3	21.4	16.7	14.9	14.1
24.0	22.8	20.2	15.7	14.0	13.2
26.0	21.5	19.1	14.8	13.2	12.5
28.0	20.3	18.0	14.1	12.5	11.8
30.0	19.1	17.1	13.4	11.8	11.2
32.0	17.1	16.2	12.7	11.3	10.6
34.0	15.3	15.5	12.2	10.7	10.1
36.0	13.8	14.0	11.7	10.3	9.7
38.0	12.5	12.7	11.2	9.8	9.3
40.0	11.3	11.5	10.8	9.4	8.9
42.0	10.2	10.5	10.4	9.1	8.6
44.0	9.2	9.4	9.8	8.8	8.2
46.0	8.2	8.4	8.9	8.5	7.9
48.0	7.4	7.6	8.0	8.2	7.7
50.0	6.7	6.8	7.2	7.6	7.4
54.0		5.4	5.8	6.2	6.1
58.0			4.6	5.0	4.9
62.0				4.0	3.8
66.0				2.5	3.0
70.0					2.2
θ (°)	10 to 83	16 to 83	19 to 83	0 to 83	0 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 78t, outrigger extension width 8.0m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	20.7	18.1	14.3	12.8	12.1
26.0	19.6	17.1	13.5	12.0	11.4
28.0	18.3	16.2	12.8	11.4	10.8
30.0	17.1	15.4	12.1	10.8	10.2
32.0	16.1	14.7	11.5	10.2	9.7
34.0	15.2	14.0	11.0	9.7	9.2
36.0	14.4	13.4	10.5	9.3	8.8
38.0	13.0	12.9	10.0	8.9	8.4
40.0	11.8	11.9	9.6	8.5	8.0
42.0	10.7	10.8	9.2	8.1	7.7
44.0	9.8	9.8	8.9	7.8	7.4
46.0	8.8	8.9	8.6	7.5	7.1
48.0	7.9	8.0	8.3	7.2	6.8
50.0	7.1	7.2	7.6	7.0	6.6
54.0	5.8	5.8	6.1	6.4	6.0
58.0		4.6	4.9	5.2	5.0
62.0			3.9	4.2	4.0
66.0			3.1	3.3	3.1
70.0				2.5	2.3
74.0					1.6
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 78t, outrigger extension width 8.0m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.8	10.9	9.7	9.3
32.0	12.4	13.2	10.3	9.2	8.8
34.0	11.7	12.6	9.8	8.8	8.3
36.0	11.1	12.0	9.4	8.3	7.9
38.0	10.5	11.5	8.9	8.0	7.5
40.0	9.9	10.9	8.5	7.6	7.2
42.0	9.4	10.4	8.2	7.3	6.9
44.0	9.0	9.9	7.9	6.9	6.6
46.0	8.5	9.1	7.5	6.7	6.3
48.0	8.1	8.2	7.3	6.4	6.0
50.0	7.4	7.3	7.0	6.1	5.7
54.0	5.9	5.9	6.1	5.7	5.0
58.0	4.7	4.7	4.9	5.1	4.4
62.0	3.8	3.7	3.9	4.0	3.8
66.0		2.8	3.0	3.1	2.9
70.0			2.2	2.3	2.1
74.0				1.7	
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	35 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Counterweight 78t, outrigger extension width 6.8m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	31.0	27.2	21.5	18.7	17.8
20.0	28.9	25.3	20.1	17.5	16.6
22.0	26.1	23.7	18.9	16.4	15.6
24.0	22.7	22.2	17.8	15.5	14.7
26.0	19.8	20.2	16.9	14.6	13.9
28.0	17.4	17.8	16.1	13.9	13.2
30.0	15.4	15.8	15.4	13.2	12.5
32.0	13.7	14.0	14.6	12.6	12.0
34.0	12.2	12.5	13.1	12.1	11.4
36.0	10.9	11.2	11.8	11.6	11.0
38.0	9.6	10.0	10.6	11.0	10.5
40.0	8.5	8.8	9.5	9.9	10.0
42.0	7.5	7.8	8.5	8.9	9.0
44.0	6.6	6.9	7.5	8.0	8.0
46.0		6.1	6.7	7.1	7.2
48.0		5.3	5.9	6.4	6.4
50.0			5.2	5.7	5.7
54.0			4.0	4.4	4.4
58.0				3.4	3.4
62.0					2.5
θ (°)	10 to 82	16 to 82	10 to 82	16 to 82	17 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 78t, outrigger extension width 6.8m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	26.0	22.8	17.8	15.9	15.0
22.0	24.3	21.4	16.7	14.9	14.1
24.0	22.8	20.2	15.7	14.0	13.2
26.0	20.4	19.1	14.8	13.2	12.5
28.0	18.0	18.0	14.1	12.5	11.8
30.0	16.0	16.2	13.4	11.8	11.2
32.0	14.2	14.5	12.7	11.3	10.6
34.0	12.7	12.9	12.2	10.7	10.1
36.0	11.4	11.6	11.7	10.3	9.7
38.0	10.2	10.4	10.8	9.8	9.3
40.0	9.0	9.3	9.7	9.4	8.9
42.0	8.0	8.2	8.7	9.1	8.6
44.0	7.1	7.3	7.7	8.2	8.1
46.0	6.2	6.4	6.8	7.3	7.2
48.0	5.5	5.7	6.1	6.5	6.4
50.0	4.8	5.0	5.4	5.8	5.7
54.0		3.8	4.1	4.5	4.4
58.0			3.1	3.5	3.3
62.0				2.6	2.4
66.0				1.9	1.6
θ (°)	10 to 83	16 to 83	19 to 83	0 to 83	23 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 78t, outrigger extension width 6.8m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	20.7	18.1	14.3	12.8	12.1
26.0	19.6	17.1	13.5	12.0	11.4
28.0	18.3	16.2	12.8	11.4	10.8
30.0	16.5	15.4	12.1	10.8	10.2
32.0	14.8	14.7	11.5	10.2	9.7
34.0	13.2	13.3	11.0	9.7	9.2
36.0	11.9	11.9	10.5	9.3	8.8
38.0	10.7	10.8	10.0	8.9	8.4
40.0	9.6	9.7	9.6	8.5	8.0
42.0	8.6	8.6	9.1	8.1	7.7
44.0	7.6	7.7	8.1	7.8	7.4
46.0	6.8	6.8	7.2	7.5	7.1
48.0	6.0	6.0	6.5	6.7	6.5
50.0	5.3	5.3	5.7	6.0	5.8
54.0	4.1	4.1	4.5	4.7	4.5
58.0		3.1	3.4	3.6	3.5
62.0			2.5	2.7	2.5
66.0			1.7	1.9	1.7
θ (°)	19 to 83	22 to 83	11 to 83	26 to 83	33 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 78t, outrigger extension width 6.8m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.8	10.9	9.7	9.3
32.0	12.4	13.2	10.3	9.2	8.8
34.0	11.7	12.6	9.8	8.8	8.3
36.0	11.1	12.0	9.4	8.3	7.9
38.0	10.5	11.0	8.9	8.0	7.5
40.0	9.9	9.9	8.5	7.6	7.2
42.0	8.9	8.9	8.2	7.3	6.9
44.0	7.9	7.9	7.9	6.9	6.6
46.0	7.0	7.0	7.2	6.7	6.3
48.0	6.2	6.2	6.4	6.4	6.0
50.0	5.5	5.5	5.7	5.9	5.7
54.0	4.3	4.2	4.4	4.6	4.4
58.0	3.2	3.2	3.4	3.5	3.3
62.0	2.3	2.2	2.4	2.6	2.4
66.0		1.5	1.6	1.8	1.6
θ (°)	9 to 83	15 to 83	28 to 83	35 to 83	40 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Fixed Jib

Counterweight 58t, outrigger extension width 8.5m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	31.0	27.2	21.5	18.7	17.8
20.0	28.9	25.3	20.1	17.5	16.6
22.0	25.4	23.7	18.9	16.4	15.6
24.0	21.8	22.2	17.8	15.5	14.7
26.0	19.0	19.4	16.9	14.6	13.9
28.0	16.6	17.0	16.1	13.9	13.2
30.0	14.6	14.9	15.4	13.2	12.5
32.0	12.8	13.2	13.8	12.6	12.0
34.0	11.4	11.7	12.3	12.1	11.4
36.0	10.0	10.4	11.0	11.4	11.0
38.0	8.7	9.1	9.8	10.2	10.3
40.0	7.6	8.0	8.7	9.2	9.2
42.0	6.6	7.0	7.7	8.2	8.2
44.0	5.8	6.1	6.7	7.2	7.3
46.0		5.3	5.9	6.4	6.4
48.0		4.6	5.2	5.6	5.7
50.0			4.5	5.0	5.0
54.0			3.4	3.8	3.7
58.0				2.8	2.7
62.0					1.9
θ (°)	10 to 82	16 to 82	10 to 82	16 to 82	17 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 58t, outrigger extension width 8.5m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	26.0	22.8	17.8	15.9	15.0
22.0	24.3	21.4	16.7	14.9	14.1
24.0	22.5	20.2	15.7	14.0	13.2
26.0	19.6	19.1	14.8	13.2	12.5
28.0	17.2	17.5	14.1	12.5	11.8
30.0	15.1	15.4	13.4	11.8	11.2
32.0	13.4	13.7	12.7	11.3	10.6
34.0	11.9	12.1	12.2	10.7	10.1
36.0	10.6	10.8	11.2	10.3	9.7
38.0	9.4	9.6	10.0	9.8	9.3
40.0	8.2	8.5	8.9	9.4	8.9
42.0	7.2	7.4	7.9	8.4	8.2
44.0	6.3	6.5	6.9	7.4	7.3
46.0	5.5	5.7	6.1	6.6	6.5
48.0	4.8	4.9	5.3	5.8	5.7
50.0	4.1	4.3	4.7	5.1	5.0
54.0		3.1	3.5	3.9	3.7
58.0			2.5	2.9	2.7
62.0				2.0	1.8
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	31 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 58t, outrigger extension width 8.5m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	20.7	18.1	14.3	12.8	12.1
26.0	19.6	17.1	13.5	12.0	11.4
28.0	17.8	16.2	12.8	11.4	10.8
30.0	15.7	15.4	12.1	10.8	10.2
32.0	14.0	14.0	11.5	10.2	9.7
34.0	12.5	12.5	11.0	9.7	9.2
36.0	11.1	11.2	10.5	9.3	8.8
38.0	10.0	10.0	10.0	8.9	8.4
40.0	8.9	8.9	9.4	8.5	8.0
42.0	7.8	7.9	8.3	8.1	7.7
44.0	6.9	6.9	7.4	7.7	7.4
46.0	6.1	6.1	6.5	6.8	6.6
48.0	5.3	5.3	5.8	6.0	5.9
50.0	4.6	4.6	5.1	5.3	5.1
54.0	3.4	3.4	3.8	4.1	3.9
58.0		2.4	2.8	3.0	2.9
62.0			1.9	2.1	2.0
θ (°)	19 to 83	22 to 83	24 to 83	33 to 83	38 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 58t, outrigger extension width 8.5m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.8	10.9	9.7	9.3
32.0	12.4	13.2	10.3	9.2	8.8
34.0	11.7	12.6	9.8	8.8	8.3
36.0	11.1	11.4	9.4	8.3	7.9
38.0	10.3	10.2	8.9	8.0	7.5
40.0	9.2	9.2	8.5	7.6	7.2
42.0	8.1	8.1	8.2	7.3	6.9
44.0	7.2	7.2	7.4	6.9	6.6
46.0	6.3	6.3	6.5	6.7	6.3
48.0	5.6	5.5	5.8	6.0	5.7
50.0	4.9	4.8	5.1	5.2	5.0
54.0	3.6	3.6	3.8	4.0	3.8
58.0	2.6	2.6	2.8	2.9	2.7
62.0	1.8	1.7	1.9	2.0	1.8
θ (°)	9 to 83	26 to 83	34 to 83	40 to 83	44 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Counterweight 58t, outrigger extension width 8.0m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	31.0	27.2	21.5	18.7	17.8
20.0	27.7	25.3	20.1	17.5	16.6
22.0	23.6	23.7	18.9	16.4	15.6
24.0	20.3	20.7	17.8	15.5	14.7
26.0	17.6	18.0	16.9	14.6	13.9
28.0	15.3	15.7	16.1	13.9	13.2
30.0	13.4	13.8	14.4	13.2	12.5
32.0	11.8	12.2	12.8	12.6	12.0
34.0	10.4	10.8	11.3	11.7	11.4
36.0	9.0	9.4	10.1	10.5	10.6
38.0	7.8	8.2	8.9	9.4	9.5
40.0	6.8	7.1	7.8	8.3	8.4
42.0	5.8	6.2	6.8	7.3	7.4
44.0	5.0	5.3	6.0	6.5	6.5
46.0		4.6	5.2	5.7	5.7
48.0		3.9	4.5	4.9	5.0
50.0			3.8	4.3	4.3
54.0			2.8	3.2	3.1
58.0				2.2	2.2
θ (°)	10 to 82	16 to 82	10 to 82	16 to 82	28 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 58t, outrigger extension width 8.0m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	26.0	22.8	17.8	15.9	15.0
22.0	24.3	21.4	16.7	14.9	14.1
24.0	20.9	20.2	15.7	14.0	13.2
26.0	18.2	18.5	14.8	13.2	12.5
28.0	15.9	16.2	14.1	12.5	11.8
30.0	14.0	14.3	13.4	11.8	11.2
32.0	12.4	12.6	12.7	11.3	10.6
34.0	10.9	11.2	11.5	10.7	10.1
36.0	9.7	9.9	10.3	10.3	9.7
38.0	8.4	8.7	9.1	9.6	9.3
40.0	7.3	7.6	8.0	8.6	8.4
42.0	6.4	6.6	7.1	7.6	7.4
44.0	5.5	5.7	6.2	6.7	6.5
46.0	4.7	5.0	5.4	5.9	5.7
48.0	4.1	4.2	4.7	5.1	5.0
50.0	3.5	3.6	4.0	4.5	4.3
54.0		2.5	2.9	3.3	3.1
58.0			1.9	2.3	2.2
62.0				1.5	
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	37 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 58t, outrigger extension width 8.0m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	20.7	18.1	14.3	12.8	12.1
26.0	18.8	17.1	13.5	12.0	11.4
28.0	16.5	16.2	12.8	11.4	10.8
30.0	14.6	14.7	12.1	10.8	10.2
32.0	12.9	13.0	11.5	10.2	9.7
34.0	11.5	11.6	11.0	9.7	9.2
36.0	10.2	10.3	10.5	9.3	8.8
38.0	9.1	9.2	9.6	8.9	8.4
40.0	8.0	8.0	8.5	8.5	8.0
42.0	7.0	7.1	7.5	7.8	7.6
44.0	6.1	6.2	6.6	6.9	6.7
46.0	5.3	5.4	5.8	6.1	5.9
48.0	4.6	4.6	5.1	5.3	5.1
50.0	3.9	4.0	4.4	4.7	4.5
54.0	2.8	2.8	3.2	3.5	3.3
58.0		1.9	2.2	2.5	2.3
62.0				1.6	
θ (°)	19 to 83	22 to 83	32 to 83	33 to 83	43 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 58t, outrigger extension width 8.0m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.8	10.9	9.7	9.3
32.0	12.4	13.2	10.3	9.2	8.8
34.0	11.7	11.8	9.8	8.8	8.3
36.0	10.5	10.5	9.4	8.3	7.9
38.0	9.4	9.4	8.9	8.0	7.5
40.0	8.3	8.3	8.5	7.6	7.2
42.0	7.3	7.3	7.5	7.3	6.9
44.0	6.4	6.4	6.6	6.8	6.6
46.0	5.6	5.6	5.8	6.0	5.8
48.0	4.9	4.8	5.1	5.2	5.0
50.0	4.2	4.2	4.4	4.6	4.4
54.0	3.0	3.0	3.2	3.4	3.2
58.0	2.0	2.0	2.2	2.4	2.2
62.0				1.5	
θ (°)	24 to 83	33 to 83	40 to 83	40 to 83	48 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Fixed Jib

Counterweight 58t, outrigger extension width 6.8m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.4	29.4	23.1	20.2	19.2
18.0	27.5	27.2	21.5	18.7	17.8
20.0	23.1	23.5	20.1	17.5	16.6
22.0	19.5	20.0	18.9	16.4	15.6
24.0	16.7	17.1	17.8	15.5	14.7
26.0	14.4	14.8	15.4	14.6	13.9
28.0	12.5	12.8	13.5	13.9	13.2
30.0	10.8	11.2	11.8	12.2	12.3
32.0	9.3	9.7	10.4	10.8	10.8
34.0	7.9	8.3	9.0	9.5	9.6
36.0	6.7	7.1	7.8	8.3	8.4
38.0	5.7	6.0	6.7	7.2	7.3
40.0	4.7	5.1	5.8	6.3	6.3
42.0	3.9	4.3	4.9	5.4	5.5
44.0	3.2	3.5	4.2	4.6	4.7
46.0		2.9	3.5	3.9	4.0
48.0			2.8	3.3	3.3
50.0			2.3	2.7	2.7
54.0				1.7	1.7
θ (°)	10 to 82	24 to 82	26 to 82	27 to 82	35 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 58t, outrigger extension width 6.8m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	23.7	22.8	17.8	15.9	15.0
22.0	20.2	20.5	16.7	14.9	14.1
24.0	17.3	17.6	15.7	14.0	13.2
26.0	15.0	15.3	14.8	13.2	12.5
28.0	13.0	13.3	13.7	12.5	11.8
30.0	11.4	11.6	12.0	11.8	11.2
32.0	9.9	10.2	10.5	11.0	10.6
34.0	8.5	8.8	9.3	9.7	9.6
36.0	7.3	7.6	8.0	8.6	8.4
38.0	6.2	6.5	7.0	7.5	7.3
40.0	5.3	5.6	6.0	6.5	6.4
42.0	4.5	4.7	5.1	5.6	5.5
44.0	3.7	3.9	4.3	4.8	4.7
46.0	3.0	3.2	3.6	4.1	4.0
48.0	2.4	2.6	3.0	3.5	3.3
50.0		2.0	2.4	2.9	2.7
54.0				1.9	1.7
θ (°)	20 to 83	28 to 83	36 to 83	37 to 83	42 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 58t, outrigger extension width 6.8m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	20.8	19.3	15.3	13.6	12.9
24.0	18.0	18.0	14.3	12.8	12.1
26.0	15.6	15.7	13.5	12.0	11.4
28.0	13.6	13.7	12.8	11.4	10.8
30.0	11.9	12.0	12.1	10.8	10.2
32.0	10.5	10.6	11.0	10.2	9.7
34.0	9.2	9.3	9.7	9.7	9.2
36.0	8.0	8.0	8.5	8.8	8.6
38.0	6.9	6.9	7.4	7.7	7.5
40.0	5.9	6.0	6.4	6.7	6.5
42.0	5.1	5.1	5.6	5.8	5.7
44.0	4.3	4.3	4.8	5.0	4.9
46.0	3.6	3.6	4.1	4.3	4.1
48.0	2.9	3.0	3.4	3.7	3.5
50.0	2.4	2.4	2.8	3.1	2.9
54.0			1.8	2.0	1.9
θ (°)	30 to 83	38 to 83	38 to 83	44 to 83	48 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 58t, outrigger extension width 6.8m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	13.9	11.5	10.2	9.8
30.0	12.3	12.3	10.9	9.7	9.3
32.0	10.8	10.8	10.3	9.2	8.8
34.0	9.5	9.5	9.7	8.8	8.3
36.0	8.3	8.3	8.5	8.3	7.9
38.0	7.2	7.2	7.4	7.6	7.4
40.0	6.2	6.2	6.4	6.6	6.4
42.0	5.3	5.3	5.6	5.7	5.5
44.0	4.6	4.5	4.8	4.9	4.7
46.0	3.8	3.8	4.0	4.2	4.0
48.0	3.2	3.2	3.4	3.6	3.4
50.0	2.6	2.6	2.8	3.0	2.8
54.0	1.6	1.5	1.7	1.9	1.7
θ (°)	32 to 83	39 to 83	44 to 83	49 to 83	52 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Counterweight 47t, outrigger extension width 8.5m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	30.2	27.2	21.5	18.7	17.8
20.0	25.1	25.3	20.1	17.5	16.6
22.0	21.2	21.6	18.9	16.4	15.6
24.0	18.1	18.5	17.8	15.5	14.7
26.0	15.6	16.0	16.6	14.6	13.9
28.0	13.5	13.8	14.5	13.9	13.2
30.0	11.7	12.1	12.7	13.1	12.5
32.0	10.2	10.5	11.1	11.6	11.6
34.0	8.7	9.1	9.8	10.2	10.3
36.0	7.4	7.8	8.6	9.1	9.1
38.0	6.3	6.7	7.4	7.9	8.0
40.0	5.3	5.7	6.4	6.9	6.9
42.0	4.5	4.8	5.5	6.0	6.0
44.0	3.7	4.0	4.7	5.2	5.2
46.0		3.3	3.9	4.4	4.4
48.0		2.7	3.3	3.8	3.8
50.0			2.7	3.2	3.2
54.0			1.7	2.1	2.1
θ (°)	10 to 82	16 to 82	10 to 82	27 to 82	35 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 47t, outrigger extension width 8.5m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	25.9	22.8	17.8	15.9	15.0
22.0	21.9	21.4	16.7	14.9	14.1
24.0	18.8	19.1	15.7	14.0	13.2
26.0	16.2	16.5	14.8	13.2	12.5
28.0	14.1	14.3	14.1	12.5	11.8
30.0	12.3	12.5	12.9	11.8	11.2
32.0	10.7	11.0	11.4	11.3	10.6
34.0	9.4	9.7	10.0	10.5	10.1
36.0	8.1	8.4	8.8	9.3	9.2
38.0	6.9	7.2	7.6	8.2	8.0
40.0	5.9	6.2	6.6	7.1	7.0
42.0	5.0	5.3	5.7	6.2	6.1
44.0	4.2	4.5	4.9	5.4	5.2
46.0	3.5	3.7	4.1	4.6	4.5
48.0	2.9	3.1	3.5	3.9	3.8
50.0		2.5	2.9	3.3	3.2
54.0			1.8	2.2	2.1
θ (°)	20 to 83	28 to 83	29 to 83	37 to 83	42 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 47t, outrigger extension width 8.5m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	22.0	19.3	15.3	13.6	12.9
24.0	19.4	18.1	14.3	12.8	12.1
26.0	16.9	16.9	13.5	12.0	11.4
28.0	14.7	14.8	12.8	11.4	10.8
30.0	12.9	12.9	12.1	10.8	10.2
32.0	11.3	11.4	11.5	10.2	9.7
34.0	10.0	10.0	10.4	9.7	9.2
36.0	8.8	8.8	9.3	9.3	8.8
38.0	7.6	7.7	8.1	8.4	8.2
40.0	6.6	6.6	7.1	7.4	7.2
42.0	5.6	5.7	6.2	6.4	6.3
44.0	4.8	4.9	5.3	5.6	5.4
46.0	4.1	4.1	4.6	4.8	4.7
48.0	3.4	3.5	3.9	4.2	4.0
50.0	2.8	2.8	3.3	3.5	3.3
54.0	1.8	1.8	2.2	2.4	2.2
58.0				1.5	
θ (°)	19 to 83	31 to 83	38 to 83	39 to 83	48 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 47t, outrigger extension width 8.5m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	14.0	14.5	11.5	10.2	9.8
30.0	13.2	13.2	10.9	9.7	9.3
32.0	11.7	11.6	10.3	9.2	8.8
34.0	10.3	10.3	9.8	8.8	8.3
36.0	9.1	9.1	9.3	8.3	7.9
38.0	7.9	7.9	8.2	8.0	7.5
40.0	6.9	6.9	7.1	7.3	7.1
42.0	6.0	5.9	6.2	6.4	6.2
44.0	5.1	5.1	5.3	5.5	5.3
46.0	4.4	4.3	4.6	4.8	4.5
48.0	3.7	3.7	3.9	4.1	3.9
50.0	3.1	3.0	3.3	3.4	3.2
54.0	2.0	1.9	2.2	2.3	2.1
θ (°)	32 to 83	39 to 83	44 to 83	49 to 83	52 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Fixed Jib

Counterweight 47t, outrigger extension width 8.0m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	36.4	31.9	25.0	21.9	20.8
16.0	33.5	29.4	23.1	20.2	19.2
18.0	28.0	27.2	21.5	18.7	17.8
20.0	23.3	23.7	20.1	17.5	16.6
22.0	19.6	20.0	18.9	16.4	15.6
24.0	16.7	17.1	17.8	15.5	14.7
26.0	14.3	14.7	15.4	14.6	13.9
28.0	12.3	12.7	13.4	13.8	13.2
30.0	10.7	11.0	11.7	12.1	12.2
32.0	9.1	9.6	10.2	10.6	10.7
34.0	7.7	8.2	8.9	9.4	9.4
36.0	6.5	6.9	7.7	8.2	8.2
38.0	5.5	5.9	6.6	7.1	7.1
40.0	4.5	4.9	5.6	6.1	6.2
42.0	3.7	4.1	4.7	5.2	5.3
44.0	3.0	3.3	4.0	4.5	4.5
46.0		2.7	3.3	3.8	3.8
48.0			2.7	3.1	3.1
50.0			2.1	2.6	2.6
54.0				1.6	1.5
θ (°)	10 to 82	24 to 82	26 to 82	27 to 82	35 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 47t, outrigger extension width 8.0m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	30.3	26.3	20.6	18.5	17.4
18.0	28.0	24.4	19.1	17.1	16.1
20.0	24.0	22.8	17.8	15.9	15.0
22.0	20.3	20.6	16.7	14.9	14.1
24.0	17.4	17.7	15.7	14.0	13.2
26.0	14.9	15.2	14.8	13.2	12.5
28.0	12.9	13.2	13.6	12.5	11.8
30.0	11.2	11.5	11.9	11.8	11.2
32.0	9.8	10.1	10.4	10.9	10.6
34.0	8.4	8.7	9.1	9.6	9.5
36.0	7.2	7.5	7.9	8.4	8.3
38.0	6.1	6.4	6.8	7.3	7.2
40.0	5.1	5.4	5.8	6.3	6.2
42.0	4.3	4.5	5.0	5.5	5.3
44.0	3.5	3.7	4.2	4.7	4.5
46.0	2.8	3.1	3.5	4.0	3.8
48.0		2.4	2.8	3.3	3.2
50.0		1.9	2.3	2.7	2.6
54.0				1.7	1.5
θ (°)	26 to 83	28 to 83	36 to 83	37 to 83	42 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 47t, outrigger extension width 8.0m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	25.0	22.1	17.6	15.5	14.7
20.0	23.4	20.6	16.3	14.5	13.8
22.0	21.0	19.3	15.3	13.6	12.9
24.0	18.0	18.1	14.3	12.8	12.1
26.0	15.6	15.6	13.5	12.0	11.4
28.0	13.6	13.6	12.8	11.4	10.8
30.0	11.8	11.9	12.1	10.8	10.2
32.0	10.4	10.4	10.8	10.2	9.7
34.0	9.1	9.2	9.6	9.7	9.2
36.0	7.8	7.9	8.4	8.7	8.5
38.0	6.7	6.8	7.3	7.6	7.4
40.0	5.8	5.8	6.3	6.6	6.4
42.0	4.9	5.0	5.4	5.7	5.5
44.0	4.1	4.2	4.6	4.9	4.7
46.0	3.4	3.5	3.9	4.2	4.0
48.0	2.8	2.8	3.2	3.5	3.3
50.0	2.2	2.2	2.7	2.9	2.7
54.0			1.6	1.9	1.7
θ (°)	30 to 83	38 to 83	38 to 83	44 to 83	48 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 47t, outrigger extension width 8.0m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	16.1	16.1	13.0	11.4	10.9
26.0	15.0	15.3	12.2	10.8	10.3
28.0	13.9	13.9	11.5	10.2	9.8
30.0	12.2	12.2	10.9	9.7	9.3
32.0	10.7	10.7	10.3	9.2	8.8
34.0	9.4	9.4	9.6	8.8	8.3
36.0	8.2	8.2	8.4	8.3	7.9
38.0	7.1	7.1	7.3	7.5	7.3
40.0	6.1	6.1	6.3	6.5	6.3
42.0	5.2	5.2	5.4	5.6	5.4
44.0	4.4	4.4	4.6	4.8	4.6
46.0	3.7	3.7	3.9	4.1	3.9
48.0	3.0	3.0	3.2	3.4	3.2
50.0	2.4	2.4	2.6	2.8	2.6
54.0			1.6	1.8	
θ (°)	39 to 83	44 to 83	44 to 83	49 to 83	56 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Counterweight 47t, outrigger extension width 6.8m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	35.3	31.9	25.0	21.9	20.8
16.0	28.1	28.6	23.1	20.2	19.2
18.0	23.0	23.4	21.5	18.7	17.8
20.0	19.0	19.5	20.1	17.5	16.6
22.0	16.0	16.4	17.0	16.4	15.6
24.0	13.5	13.9	14.5	15.0	14.7
26.0	11.5	11.8	12.5	12.9	13.0
28.0	9.7	10.1	10.7	11.2	11.2
30.0	8.1	8.5	9.3	9.7	9.8
32.0	6.7	7.1	7.9	8.4	8.4
34.0	5.5	5.9	6.6	7.1	7.2
36.0	4.4	4.8	5.5	6.1	6.1
38.0	3.5	3.9	4.6	5.1	5.2
40.0	2.7	3.1	3.8	4.3	4.3
42.0			3.0	3.5	3.5
44.0			2.3	2.8	2.8
46.0			1.7	2.2	2.2
48.0				1.6	1.7
θ (°)	28 to 82	38 to 82	34 to 82	38 to 82	44 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 47t, outrigger extension width 6.8m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	33.0	28.5	22.4	20.0	
16.0	28.9	26.3	20.6	18.5	17.4
18.0	23.7	24.0	19.1	17.1	16.1
20.0	19.7	20.0	17.8	15.9	15.0
22.0	16.6	16.9	16.7	14.9	14.1
24.0	14.1	14.4	14.8	14.0	13.2
26.0	12.1	12.3	12.7	13.2	12.5
28.0	10.3	10.6	11.0	11.4	11.3
30.0	8.8	9.1	9.5	9.9	9.8
32.0	7.3	7.6	8.1	8.6	8.5
34.0	6.1	6.4	6.9	7.4	7.3
36.0	5.0	5.3	5.8	6.3	6.2
38.0	4.1	4.4	4.8	5.3	5.2
40.0	3.3	3.5	4.0	4.5	4.3
42.0	2.5	2.8	3.2	3.7	3.6
44.0		2.1	2.5	3.0	2.9
46.0		1.5	1.9	2.4	2.2
48.0				1.8	1.7
θ (°)	36 to 83	36 to 83	43 to 83	45 to 83	49 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 47t, outrigger extension width 6.8m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.9	23.9	19.0	16.7	15.8
18.0	24.4	22.1	17.6	15.5	14.7
20.0	20.4	20.5	16.3	14.5	13.8
22.0	17.3	17.3	15.3	13.6	12.9
24.0	14.7	14.8	14.3	12.8	12.1
26.0	12.7	12.7	13.1	12.0	11.4
28.0	10.9	11.0	11.4	11.4	10.8
30.0	9.4	9.5	9.9	10.1	10.0
32.0	8.0	8.1	8.6	8.9	8.7
34.0	6.8	6.9	7.3	7.6	7.4
36.0	5.7	5.8	6.2	6.5	6.3
38.0	4.7	4.8	5.3	5.5	5.4
40.0	3.9	4.0	4.4	4.7	4.5
42.0	3.1	3.2	3.6	3.9	3.7
44.0	2.4	2.5	2.9	3.2	3.0
46.0	1.8	1.9	2.3	2.6	2.4
48.0			1.7	2.0	
50.0				1.5	
θ (°)	37 to 83	44 to 83	46 to 83	48 to 83	56 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 47t, outrigger extension width 6.8m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	18.2	18.1	14.8	13.0	12.4
22.0	17.1	17.0	13.9	12.2	11.6
24.0	15.1	15.1	13.0	11.4	10.9
26.0	13.0	13.0	12.2	10.8	10.3
28.0	11.2	11.2	11.4	10.2	9.8
30.0	9.8	9.8	9.9	9.7	9.3
32.0	8.4	8.4	8.6	8.8	8.6
34.0	7.1	7.1	7.4	7.6	7.3
36.0	6.0	6.0	6.3	6.5	6.2
38.0	5.1	5.0	5.3	5.5	5.3
40.0	4.2	4.2	4.4	4.6	4.4
42.0	3.4	3.4	3.6	3.8	3.6
44.0	2.7	2.7	2.9	3.1	2.9
46.0	2.1	2.1	2.3	2.5	
48.0	1.5	1.5	1.7		
θ (°)	42 to 83	47 to 83	51 to 83	56 to 83	61 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Fixed Jib

Counterweight 25t, outrigger extension width 8.5m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	40.0	34.7	27.3	24.0	
14.0	31.7	31.9	25.0	21.9	20.8
16.0	24.7	25.2	23.1	20.2	19.2
18.0	19.7	20.2	20.9	18.7	17.8
20.0	16.0	16.4	17.1	17.5	16.6
22.0	13.1	13.5	14.2	14.7	14.8
24.0	10.8	11.2	11.9	12.3	12.4
26.0	8.8	9.3	10.0	10.4	10.5
28.0	7.1	7.6	8.4	8.8	8.9
30.0	5.6	6.1	6.9	7.4	7.5
32.0	4.4	4.8	5.6	6.1	6.2
34.0	3.3	3.7	4.5	5.0	5.1
36.0		2.8	3.5	4.0	4.1
38.0			2.6	3.2	3.2
40.0			1.9	2.4	2.4
42.0				1.7	
θ (°)	42 to 82	45 to 82	44 to 82	47 to 82	53 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 25t, outrigger extension width 8.5m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	32.7	28.5	22.4	20.0	
16.0	25.6	25.9	20.6	18.5	17.4
18.0	20.5	20.8	19.1	17.1	16.1
20.0	16.7	17.0	17.4	15.9	15.0
22.0	13.8	14.1	14.5	14.9	14.1
24.0	11.5	11.8	12.1	12.7	12.5
26.0	9.6	9.9	10.2	10.7	10.6
28.0	7.9	8.2	8.6	9.1	9.0
30.0	6.4	6.7	7.1	7.7	7.6
32.0	5.1	5.4	5.8	6.4	6.3
34.0	4.0	4.3	4.7	5.3	5.1
36.0	3.0	3.3	3.7	4.3	4.1
38.0		2.4	2.9	3.4	3.3
40.0		1.7	2.1	2.6	2.5
θ (°)	46 to 83	46 to 83	50 to 83	54 to 83	58 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 25t, outrigger extension width 8.5m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	26.4	23.9	19.0	16.7	15.8
18.0	21.3	21.4	17.6	15.5	14.7
20.0	17.5	17.5	16.3	14.5	13.8
22.0	14.5	14.6	15.0	13.6	12.9
24.0	12.1	12.2	12.7	12.8	12.1
26.0	10.2	10.3	10.7	11.0	10.8
28.0	8.6	8.7	9.1	9.3	9.2
30.0	7.1	7.2	7.7	8.0	7.8
32.0	5.8	5.9	6.4	6.7	6.5
34.0	4.7	4.7	5.2	5.5	5.3
36.0	3.7	3.8	4.2	4.5	4.3
38.0	2.8	2.9	3.4	3.6	3.5
40.0	2.1	2.1	2.6	2.9	
θ (°)	47 to 83	52 to 83	55 to 83	58 to 83	63 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 25t, outrigger extension width 8.5m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	17.9	17.9	14.8	13.0	12.4
22.0	14.9	14.9	13.9	12.2	11.6
24.0	12.6	12.6	12.8	11.4	10.9
26.0	10.6	10.6	10.8	10.8	10.3
28.0	9.0	9.0	9.2	9.3	9.2
30.0	7.5	7.5	7.8	8.0	7.7
32.0	6.2	6.2	6.4	6.6	6.4
34.0	5.1	5.0	5.3	5.5	5.3
36.0	4.1	4.0	4.3	4.5	4.3
38.0	3.2	3.2	3.4	3.6	
40.0	2.4	2.4			
θ (°)	52 to 83	56 to 83	61 to 83	63 to 83	67 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Counterweight 25t, outrigger extension width 8.0m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	44.4	38.3	30.2		
11.0	42.1	36.4	28.7	25.2	
12.0	38.7	34.7	27.3	24.0	
14.0	29.0	29.5	25.0	21.9	20.8
16.0	22.6	23.0	23.1	20.2	19.2
18.0	18.0	18.4	19.1	18.7	17.8
20.0	14.5	15.0	15.7	16.1	16.2
22.0	11.8	12.3	12.9	13.4	13.5
24.0	9.7	10.1	10.8	11.2	11.3
26.0	7.7	8.2	9.0	9.4	9.5
28.0	6.1	6.6	7.4	7.9	8.0
30.0	4.7	5.2	5.9	6.5	6.6
32.0	3.5	4.0	4.7	5.3	5.3
34.0	2.5	3.0	3.7	4.2	4.3
36.0			2.8	3.3	3.3
38.0			2.0	2.5	2.5
40.0				1.8	
θ (°)	42 to 82	48 to 82	48 to 82	50 to 82	56 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 25t, outrigger extension width 8.0m
Boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	38.4	32.8			
12.0	36.4	31.2	24.6		
14.0	29.9	28.5	22.4	20.0	
16.0	23.4	23.8	20.6	18.5	17.4
18.0	18.7	19.1	19.1	17.1	16.1
20.0	15.2	15.6	16.0	15.9	15.0
22.0	12.5	12.8	13.2	13.7	13.6
24.0	10.4	10.6	11.0	11.5	11.4
26.0	8.5	8.9	9.2	9.7	9.6
28.0	6.8	7.2	7.6	8.2	8.1
30.0	5.4	5.8	6.2	6.8	6.6
32.0	4.2	4.5	5.0	5.6	5.4
34.0	3.2	3.5	3.9	4.5	4.3
36.0		2.6	3.0	3.5	3.4
38.0		1.8	2.2	2.7	
θ (°)	49 to 83	49 to 83	53 to 83	57 to 83	61 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 25t, outrigger extension width 8.0m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	29.0	25.9	20.7	18.1	
16.0	24.2	23.9	19.0	16.7	15.8
18.0	19.5	19.6	17.6	15.5	14.7
20.0	16.0	16.0	16.3	14.5	13.8
22.0	13.2	13.3	13.7	13.6	12.9
24.0	11.0	11.1	11.5	11.8	11.6
26.0	9.2	9.3	9.7	10.0	9.8
28.0	7.6	7.7	8.2	8.4	8.3
30.0	6.2	6.3	6.8	7.1	6.9
32.0	5.0	5.0	5.5	5.8	5.6
34.0	3.9	4.0	4.4	4.7	4.6
36.0	3.0	3.0	3.5	3.8	3.6
38.0	2.1	2.2	2.7	3.0	
θ (°)	49 to 83	54 to 83	57 to 83	60 to 83	64 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 25t, outrigger extension width 8.0m
Boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.8				
14.0	22.2	21.4			
16.0	20.8	20.2	17.1	15.0	
18.0	19.5	19.1	15.9	13.9	13.3
20.0	16.4	16.4	14.8	13.0	12.4
22.0	13.6	13.6	13.8	12.2	11.6
24.0	11.4	11.4	11.6	11.4	10.9
26.0	9.6	9.6	9.8	10.0	9.8
28.0	8.0	8.0	8.3	8.4	8.3
30.0	6.6	6.6	6.8	7.0	6.8
32.0	5.3	5.3	5.6	5.8	5.6
34.0	4.3	4.2	4.5	4.7	4.5
36.0	3.3	3.3	3.5	3.7	
38.0	2.5				
θ (°)	54 to 83	60 to 83	62 to 83	65 to 83	68 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	2				

Fixed Jib

Counterweight 25t, outrigger extension width 6.8m
Boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	50.2				
9.0	47.1	40.4			
10.0	42.8	38.3	30.2		
11.0	35.9	36.4	28.7	25.2	
12.0	30.6	31.2	27.3	24.0	
14.0	23.0	23.5	24.3	21.9	20.8
16.0	17.8	18.3	19.0	19.5	19.2
18.0	14.1	14.5	15.2	15.7	15.8
20.0	11.2	11.6	12.3	12.8	12.9
22.0	8.9	9.4	10.0	10.5	10.6
24.0	6.9	7.4	8.1	8.6	8.7
26.0	5.2	5.7	6.4	7.0	7.1
28.0	3.8	4.3	5.0	5.6	5.6
30.0	2.6	3.1	3.8	4.3	4.4
32.0			2.8	3.3	3.4
θ (°)	49 to 82	54 to 82	56 to 82	59 to 82	62 to 82
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	5	4	3		2

Counterweight 25t, outrigger extension width 6.8m
Boom + 12.0m fixed jib

Unit: t

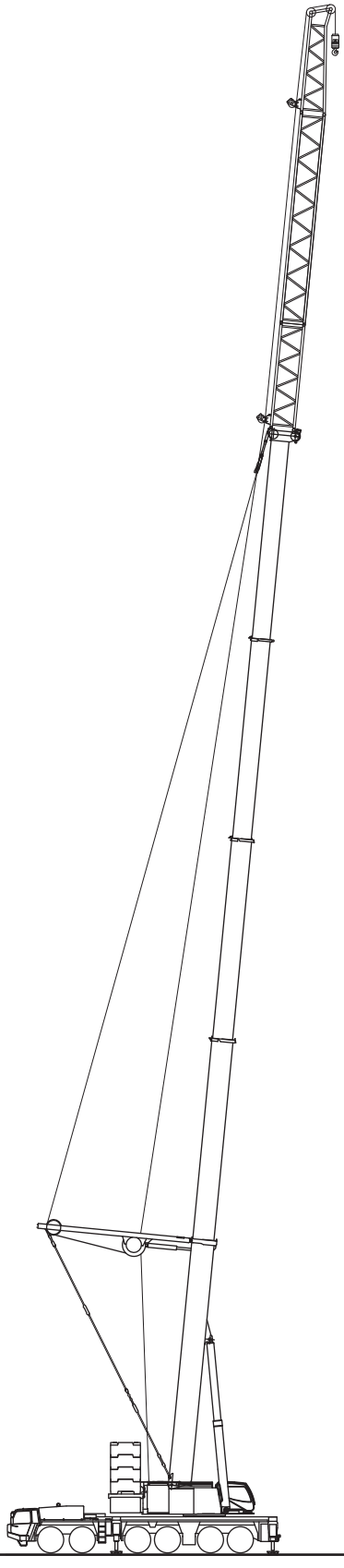
Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	43.1				
10.0	40.6				
11.0	37.0	32.8			
12.0	31.6	31.2	24.6		
14.0	23.9	24.2	22.4	20.0	
16.0	18.6	18.9	19.4	18.5	17.4
18.0	14.8	15.1	15.5	16.0	15.9
20.0	11.9	12.2	12.6	13.1	13.0
22.0	9.6	9.9	10.3	10.8	10.7
24.0	7.6	8.0	8.4	8.9	8.8
26.0	5.9	6.3	6.7	7.3	7.2
28.0	4.5	4.8	5.3	5.9	5.7
30.0	3.3	3.6	4.1	4.6	4.5
32.0		2.6	3.0	3.6	
θ (°)	55 to 83	56 to 83	60 to 83	63 to 83	67 to 83
Standard hook block	80t	35t			
Hook block weight	1550kg	950kg			
Standard number of parts of line	4	3		2	

Counterweight 25t, outrigger extension width 6.8m
Boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	32.8				
12.0	31.4	28.5			
14.0	24.7	24.8	20.7	18.1	
16.0	19.4	19.4	19.0	16.7	15.8
18.0	15.5	15.6	16.1	15.5	14.7
20.0	12.6	12.6	13.1	13.4	13.2
22.0	10.3	10.3	10.8	11.0	10.9
24.0	8.4	8.5	8.9	9.2	9.0
26.0	6.7	6.8	7.3	7.6	7.4
28.0	5.2	5.3	5.8	6.1	5.9
30.0	4.0	4.1	4.6	4.9	4.7
32.0	3.0	3.0	3.5	3.8	
θ (°)	57 to 83	61 to 83	63 to 83	66 to 83	69 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

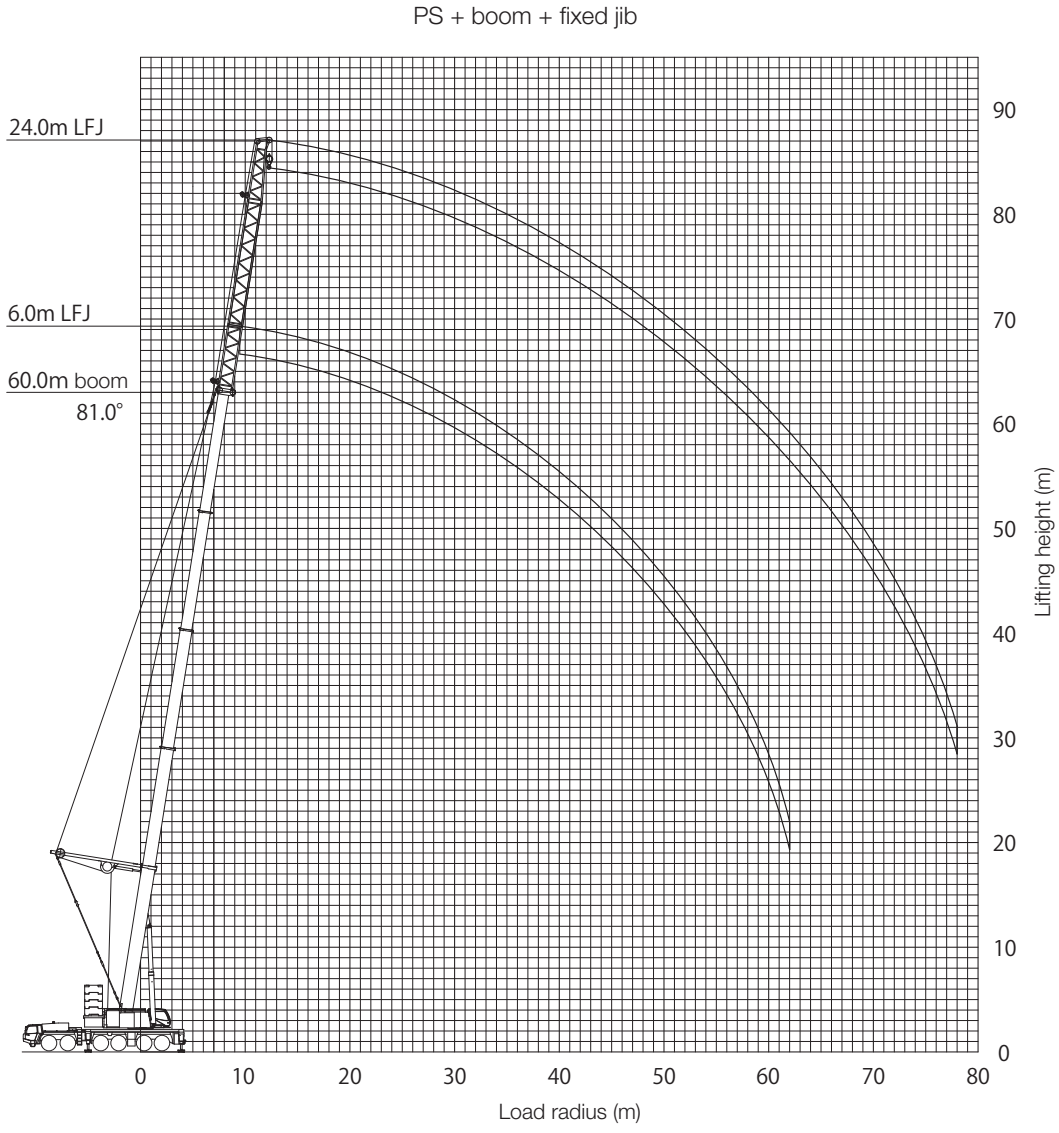
ALL TERRAIN CRANE
ATF400G-6
PS + Fixed Jib



PS：Power System

PS + Fixed Jib

Working range chart for PS + boom + fixed jib (LFJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 138t and outrigger extension width 8.5m.

Rated lifting capacity table for PS + boom + fixed jib (LFJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	○	○	○	○	○	○	○
8.0 m		○	○	○	○	○	○
6.8 m				○	○	○	○

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom and jib deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	40.4 m	45.4 m	50.5 m	55.6 m	60.0 m
Telescopic section 1	90	90	90	90	100
Telescopic section 2	90	90	90	90	100
Telescopic section 3	45	90	90	90	100
Telescopic section 4	0	0	45	90	100

◆ When the boom length is less than 40.4 m, the capacity setting is not made. Also, when the B-pins (boom fixing pins) are not inserted, operation is not allowed.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	4	3	2	1
Maximum load	47.4t	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "θ (°)" indicates the boom angle range in which no-load operation is enabled.

PS + Fixed Jib

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	58.5	50.0	32.8	27.1	25.8
16.0	51.7	47.9	30.8	25.3	24.2
18.0	46.1	44.1	29.1	23.8	22.8
20.0	41.5	39.7	27.6	22.5	21.5
22.0	37.7	36.1	26.3	21.3	20.4
24.0	34.5	32.9	25.1	20.2	19.4
26.0	31.7	30.3	24.0	19.3	18.5
28.0	29.3	27.9	23.1	18.4	17.7
30.0	27.1	25.9	22.2	17.7	16.7
32.0	25.2	24.1	21.4	17.0	15.6
34.0	23.5	22.5	20.7	16.3	14.6
36.0	22.0	21.0	20.1	15.8	13.7
38.0	20.7	19.7	19.3	15.2	12.8
40.0	17.9	18.5	18.2	14.8	12.1
42.0	14.5	17.5	17.1	14.3	11.4
44.0	9.3	16.0	16.2	13.9	10.8
46.0		13.4	15.3	13.6	10.2
48.0		10.1	14.5	13.2	9.7
50.0			12.6	13.0	9.2
54.0			6.4	11.7	8.3
58.0				7.2	7.4
62.0					6.5
θ (°)	10 to 79	16 to 81	10 to 81	16 to 81	17 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.3	24.0	20.6	19.7
20.0	33.0	35.6	22.5	19.3	18.5
22.0	30.5	32.4	21.3	18.2	17.5
24.0	28.3	29.6	20.2	17.2	16.5
26.0	26.5	27.2	19.2	16.3	15.7
28.0	24.8	25.1	18.3	15.5	15.0
30.0	23.4	23.2	17.5	14.8	14.3
32.0	22.1	21.6	16.8	14.2	13.4
34.0	21.0	20.1	16.2	13.6	12.5
36.0	19.7	18.8	15.6	13.0	11.7
38.0	18.5	17.6	15.0	12.5	10.9
40.0	17.4	16.6	14.5	12.1	10.3
42.0	16.4	15.6	14.1	11.7	9.7
44.0	15.4	14.7	13.7	11.3	9.1
46.0	14.3	13.9	13.3	10.9	8.6
48.0	11.5	13.1	12.9	10.6	8.2
50.0	7.2	12.4	12.2	10.3	7.7
54.0		7.9	11.0	9.8	7.0
58.0			7.9	9.3	6.3
62.0				7.8	5.7
66.0					5.2
70.0					2.0
θ (°)	10 to 81	16 to 82	19 to 83	22 to 83	0 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	19.8	15.6	13.5	13.1
30.0	17.1	18.5	14.8	12.8	12.4
32.0	16.1	17.4	14.2	12.2	11.9
34.0	15.2	16.5	13.6	11.7	11.1
36.0	14.4	15.6	13.0	11.2	10.3
38.0	13.6	14.8	12.5	10.7	9.6
40.0	13.0	14.1	12.0	10.3	9.0
42.0	12.4	13.4	11.6	9.9	8.5
44.0	11.8	12.8	11.2	9.5	8.0
46.0	11.3	12.3	10.9	9.2	7.5
48.0	10.9	11.8	10.5	8.9	7.1
50.0	10.4	11.3	10.2	8.6	6.7
54.0	9.2	10.2	9.7	8.1	6.0
58.0		8.7	9.0	7.7	5.4
62.0			8.2	7.3	4.8
66.0			3.7	7.0	4.4
70.0				4.4	4.0
74.0					3.7
θ (°)	19 to 81	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	11.5	10.6	9.2	7.5
40.0	9.9	10.9	10.2	8.9	7.1
42.0	9.4	10.4	9.8	8.5	6.8
44.0	9.0	9.9	9.4	8.2	6.5
46.0	8.5	9.4	9.1	7.8	6.1
48.0	8.1	9.0	8.8	7.6	5.8
50.0	7.8	8.6	8.5	7.3	5.5
54.0	7.1	7.9	8.0	6.8	5.0
58.0	6.6	7.3	7.5	6.4	4.4
62.0	3.9	6.8	7.1	6.0	3.9
66.0		4.6	6.5	5.7	3.5
70.0			4.9	5.3	3.1
74.0				4.8	2.8
78.0					2.5
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	22 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 6.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	58.5	50.0	32.8	27.1	25.8
16.0	51.7	47.9	30.8	25.3	24.2
18.0	46.1	44.1	29.1	23.8	22.8
20.0	41.5	39.7	27.6	22.5	21.5
22.0	37.7	36.1	26.3	21.3	20.4
24.0	34.5	32.9	25.1	20.2	19.4
26.0	31.7	30.3	24.0	19.3	18.5
28.0	29.3	27.9	23.1	18.4	17.7
30.0	27.1	25.9	22.2	17.7	16.7
32.0	25.2	24.1	21.4	17.0	15.6
34.0	23.5	22.5	20.7	16.3	14.6
36.0	21.5	21.0	20.1	15.8	13.7
38.0	19.6	19.7	19.3	15.2	12.8
40.0	17.9	18.4	18.2	14.8	12.1
42.0	14.5	16.9	17.1	14.3	11.4
44.0	9.3	15.5	16.2	13.9	10.8
46.0		13.4	14.9	13.6	10.2
48.0		10.1	13.8	13.2	9.7
50.0			12.6	13.0	9.2
54.0			6.4	11.4	8.3
58.0				7.2	7.4
62.0					6.5
θ (°)	10 to 81	16 to 81	10 to 81	16 to 81	17 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 12.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.3	24.0	20.6	19.7
20.0	33.0	35.6	22.5	19.3	18.5
22.0	30.5	32.4	21.3	18.2	17.5
24.0	28.3	29.6	20.2	17.2	16.5
26.0	26.5	27.2	19.2	16.3	15.7
28.0	24.8	25.1	18.3	15.5	15.0
30.0	23.4	23.2	17.5	14.8	14.3
32.0	22.1	21.6	16.8	14.2	13.4
34.0	21.0	20.1	16.2	13.6	12.5
36.0	19.7	18.8	15.6	13.0	11.7
38.0	18.5	17.6	15.0	12.5	10.9
40.0	17.4	16.6	14.5	12.1	10.3
42.0	16.4	15.6	14.1	11.7	9.7
44.0	15.4	14.7	13.7	11.3	9.1
46.0	14.3	13.9	13.3	10.9	8.6
48.0	11.5	13.1	12.9	10.6	8.2
50.0	7.2	12.4	12.2	10.3	7.7
54.0		7.9	11.0	9.8	7.0
58.0			7.9	9.3	6.3
62.0				7.8	5.7
66.0					5.2
70.0					2.0
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	0 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 18.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	19.8	15.6	13.5	13.1
30.0	17.1	18.5	14.8	12.8	12.4
32.0	16.1	17.4	14.2	12.2	11.9
34.0	15.2	16.5	13.6	11.7	11.1
36.0	14.4	15.6	13.0	11.2	10.3
38.0	13.6	14.8	12.5	10.7	9.6
40.0	13.0	14.1	12.0	10.3	9.0
42.0	12.4	13.4	11.6	9.9	8.5
44.0	11.8	12.8	11.2	9.5	8.0
46.0	11.3	12.3	10.9	9.2	7.5
48.0	10.9	11.8	10.5	8.9	7.1
50.0	10.4	11.3	10.2	8.6	6.7
54.0	9.2	10.2	9.7	8.1	6.0
58.0		8.7	9.0	7.7	5.4
62.0			8.2	7.3	4.8
66.0			3.7	7.0	4.4
70.0				4.4	4.0
74.0					3.7
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 24.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	11.5	10.6	9.2	7.5
40.0	9.9	10.9	10.2	8.9	7.1
42.0	9.4	10.4	9.8	8.5	6.8
44.0	9.0	9.9	9.4	8.2	6.5
46.0	8.5	9.4	9.1	7.8	6.1
48.0	8.1	9.0	8.8	7.6	5.8
50.0	7.8	8.6	8.5	7.3	5.5
54.0	7.1	7.9	8.0	6.8	5.0
58.0	6.6	7.3	7.5	6.4	4.4
62.0	3.9	6.8	7.1	6.0	3.9
66.0		4.6	6.5	5.7	3.5
70.0			4.9	5.3	3.1
74.0				4.8	2.8
78.0					2.5
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	22 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	58.5	50.0	32.8	27.1	25.8
16.0	51.7	47.9	30.8	25.3	24.2
18.0	46.1	44.1	29.1	23.8	22.8
20.0	41.5	39.7	27.6	22.5	21.5
22.0	37.7	36.1	26.3	21.3	20.4
24.0	34.5	32.9	25.1	20.2	19.4
26.0	31.7	30.3	24.0	19.3	18.5
28.0	29.3	27.9	23.1	18.4	17.7
30.0	27.1	25.9	22.2	17.7	16.7
32.0	25.2	24.1	21.4	17.0	15.6
34.0	23.1	22.5	20.7	16.3	14.6
36.0	20.9	21.0	20.1	15.8	13.7
38.0	19.0	19.5	19.3	15.2	12.8
40.0	17.4	17.8	18.2	14.8	12.1
42.0	14.5	16.4	17.0	14.3	11.4
44.0	9.3	15.0	15.6	13.9	10.8
46.0		13.4	14.4	13.6	10.2
48.0		10.1	13.3	13.2	9.7
50.0			12.3	12.8	9.2
54.0			6.4	11.0	8.3
58.0				7.2	7.4
62.0					6.5
θ (°)	10 to 81	16 to 81	10 to 81	16 to 81	17 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.3	24.0	20.6	19.7
20.0	33.0	35.6	22.5	19.3	18.5
22.0	30.5	32.4	21.3	18.2	17.5
24.0	28.3	29.6	20.2	17.2	16.5
26.0	26.5	27.2	19.2	16.3	15.7
28.0	24.8	25.1	18.3	15.5	15.0
30.0	23.4	23.2	17.5	14.8	14.3
32.0	22.1	21.6	16.8	14.2	13.4
34.0	21.0	20.1	16.2	13.6	12.5
36.0	19.7	18.8	15.6	13.0	11.7
38.0	18.5	17.6	15.0	12.5	10.9
40.0	17.4	16.6	14.5	12.1	10.3
42.0	16.4	15.6	14.1	11.7	9.7
44.0	15.3	14.7	13.7	11.3	9.1
46.0	14.0	13.9	13.3	10.9	8.6
48.0	11.5	13.1	12.9	10.6	8.2
50.0	7.2	12.2	12.2	10.3	7.7
54.0		7.9	10.8	9.8	7.0
58.0			7.9	9.3	6.3
62.0				7.8	5.7
66.0					5.2
70.0					2.0
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	0 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	19.8	15.6	13.5	13.1
30.0	17.1	18.5	14.8	12.8	12.4
32.0	16.1	17.4	14.2	12.2	11.9
34.0	15.2	16.5	13.6	11.7	11.1
36.0	14.4	15.6	13.0	11.2	10.3
38.0	13.6	14.8	12.5	10.7	9.6
40.0	13.0	14.1	12.0	10.3	9.0
42.0	12.4	13.4	11.6	9.9	8.5
44.0	11.8	12.8	11.2	9.5	8.0
46.0	11.3	12.3	10.9	9.2	7.5
48.0	10.9	11.8	10.5	8.9	7.1
50.0	10.4	11.3	10.2	8.6	6.7
54.0	9.2	10.2	9.7	8.1	6.0
58.0		8.7	9.0	7.7	5.4
62.0			8.1	7.3	4.8
66.0			3.7	7.0	4.4
70.0				4.4	4.0
74.0					3.7
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	11.5	10.6	9.2	7.5
40.0	9.9	10.9	10.2	8.9	7.1
42.0	9.4	10.4	9.8	8.5	6.8
44.0	9.0	9.9	9.4	8.2	6.5
46.0	8.5	9.4	9.1	7.8	6.1
48.0	8.1	9.0	8.8	7.6	5.8
50.0	7.8	8.6	8.5	7.3	5.5
54.0	7.1	7.9	8.0	6.8	5.0
58.0	6.6	7.3	7.5	6.4	4.4
62.0	3.9	6.8	7.1	6.0	3.9
66.0		4.6	6.5	5.7	3.5
70.0			4.9	5.3	3.1
74.0				4.8	2.8
78.0					2.5
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	22 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	58.5	50.0	32.8	27.1	25.8
16.0	51.7	47.9	30.8	25.3	24.2
18.0	46.1	44.1	29.1	23.8	22.8
20.0	41.5	39.7	27.6	22.5	21.5
22.0	37.7	36.1	26.3	21.3	20.4
24.0	34.5	32.9	25.1	20.2	19.4
26.0	30.4	30.3	24.0	19.3	18.5
28.0	27.0	27.5	23.1	18.4	17.7
30.0	24.1	24.6	22.2	17.7	16.7
32.0	21.6	22.1	21.4	17.0	15.6
34.0	19.4	19.9	20.6	16.3	14.6
36.0	17.6	18.0	18.7	15.8	13.7
38.0	15.9	16.4	17.0	15.2	12.8
40.0	14.4	14.9	15.5	14.8	12.1
42.0	13.1	13.5	14.2	14.3	11.4
44.0	9.3	12.4	13.0	13.5	10.8
46.0		11.2	11.9	12.4	10.2
48.0		10.1	10.9	11.4	9.7
50.0			9.8	10.4	9.2
54.0			6.4	8.6	8.3
58.0				7.1	7.2
62.0					5.8
θ (°)	10 to 81	16 to 81	10 to 81	16 to 81	17 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.3	24.0	20.6	19.7
20.0	33.0	35.6	22.5	19.3	18.5
22.0	30.5	32.4	21.3	18.2	17.5
24.0	28.3	29.6	20.2	17.2	16.5
26.0	26.5	27.2	19.2	16.3	15.7
28.0	24.8	25.1	18.3	15.5	15.0
30.0	23.4	23.2	17.5	14.8	14.3
32.0	22.1	21.6	16.8	14.2	13.4
34.0	20.2	20.1	16.2	13.6	12.5
36.0	18.3	18.7	15.6	13.0	11.7
38.0	16.6	17.0	15.0	12.5	10.9
40.0	15.1	15.5	14.5	12.1	10.3
42.0	13.8	14.1	14.1	11.7	9.7
44.0	12.6	12.9	13.3	11.3	9.1
46.0	11.5	11.8	12.2	10.9	8.6
48.0	10.4	10.8	11.2	10.6	8.2
50.0	7.2	9.7	10.3	10.3	7.7
54.0		7.9	8.5	9.0	7.0
58.0			6.9	7.4	6.3
62.0				6.1	5.7
66.0					4.9
70.0					2.0
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	0 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	19.8	15.6	13.5	13.1
30.0	17.1	18.5	14.8	12.8	12.4
32.0	16.1	17.4	14.2	12.2	11.9
34.0	15.2	16.5	13.6	11.7	11.1
36.0	14.4	15.6	13.0	11.2	10.3
38.0	13.6	14.8	12.5	10.7	9.6
40.0	13.0	14.1	12.0	10.3	9.0
42.0	12.4	13.4	11.6	9.9	8.5
44.0	11.8	12.8	11.2	9.5	8.0
46.0	11.3	12.3	10.9	9.2	7.5
48.0	10.9	11.3	10.5	8.9	7.1
50.0	10.2	10.3	10.2	8.6	6.7
54.0	8.4	8.5	9.0	8.1	6.0
58.0		7.0	7.5	7.7	5.4
62.0			6.1	6.4	4.8
66.0			3.7	5.3	4.4
70.0				4.3	4.0
74.0					3.2
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	11.5	10.6	9.2	7.5
40.0	9.9	10.9	10.2	8.9	7.1
42.0	9.4	10.4	9.8	8.5	6.8
44.0	9.0	9.9	9.4	8.2	6.5
46.0	8.5	9.4	9.1	7.8	6.1
48.0	8.1	9.0	8.8	7.6	5.8
50.0	7.8	8.6	8.5	7.3	5.5
54.0	7.1	7.9	8.0	6.8	5.0
58.0	6.6	7.3	7.5	6.4	4.4
62.0	3.9	6.0	6.2	6.0	3.9
66.0		4.6	5.1	5.3	3.5
70.0			4.1	4.3	3.1
74.0				3.4	2.8
78.0					2.4
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	22 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	58.5	50.0	32.8	27.1	25.8
16.0	51.7	47.9	30.8	25.3	24.2
18.0	46.1	44.1	29.1	23.8	22.8
20.0	41.5	39.7	27.6	22.5	21.5
22.0	37.7	36.1	26.3	21.3	20.4
24.0	33.5	32.9	25.1	20.2	19.4
26.0	29.5	30.0	24.0	19.3	18.5
28.0	26.1	26.6	23.1	18.4	17.7
30.0	23.2	23.7	22.2	17.7	16.7
32.0	20.8	21.3	21.4	17.0	15.6
34.0	18.6	19.1	19.8	16.3	14.6
36.0	16.8	17.3	18.0	15.8	13.7
38.0	15.1	15.6	16.3	15.2	12.8
40.0	13.7	14.2	14.8	14.8	12.1
42.0	12.4	12.9	13.5	14.0	11.4
44.0	9.3	11.7	12.3	12.8	10.8
46.0		10.5	11.3	11.7	10.2
48.0		9.4	10.2	10.8	9.7
50.0			9.2	9.8	9.2
54.0			6.4	8.0	8.1
58.0				6.5	6.6
62.0					5.3
θ (°)	10 to 81	16 to 81	10 to 81	16 to 81	17 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.3	24.0	20.6	19.7
20.0	33.0	35.6	22.5	19.3	18.5
22.0	30.5	32.4	21.3	18.2	17.5
24.0	28.3	29.6	20.2	17.2	16.5
26.0	26.5	27.2	19.2	16.3	15.7
28.0	24.8	25.1	18.3	15.5	15.0
30.0	23.4	23.2	17.5	14.8	14.3
32.0	21.6	21.6	16.8	14.2	13.4
34.0	19.4	19.8	16.2	13.6	12.5
36.0	17.5	17.9	15.6	13.0	11.7
38.0	15.9	16.2	15.0	12.5	10.9
40.0	14.4	14.8	14.5	12.1	10.3
42.0	13.1	13.4	13.9	11.7	9.7
44.0	11.9	12.3	12.7	11.3	9.1
46.0	10.8	11.2	11.6	10.9	8.6
48.0	9.7	10.1	10.6	10.6	8.2
50.0	7.2	9.1	9.6	10.2	7.7
54.0		7.3	7.9	8.4	7.0
58.0			6.4	6.9	6.3
62.0				5.6	5.5
66.0					4.4
70.0					2.0
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	0 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	19.8	15.6	13.5	13.1
30.0	17.1	18.5	14.8	12.8	12.4
32.0	16.1	17.4	14.2	12.2	11.9
34.0	15.2	16.5	13.6	11.7	11.1
36.0	14.4	15.6	13.0	11.2	10.3
38.0	13.6	14.8	12.5	10.7	9.6
40.0	13.0	14.1	12.0	10.3	9.0
42.0	12.4	13.4	11.6	9.9	8.5
44.0	11.8	12.7	11.2	9.5	8.0
46.0	11.3	11.7	10.9	9.2	7.5
48.0	10.6	10.7	10.5	8.9	7.1
50.0	9.5	9.7	10.2	8.6	6.7
54.0	7.8	7.9	8.4	8.1	6.0
58.0		6.4	6.9	7.2	5.4
62.0			5.6	5.9	4.8
66.0			3.7	4.8	4.4
70.0				3.8	3.7
74.0					2.8
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	17 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	11.5	10.6	9.2	7.5
40.0	9.9	10.9	10.2	8.9	7.1
42.0	9.4	10.4	9.8	8.5	6.8
44.0	9.0	9.9	9.4	8.2	6.5
46.0	8.5	9.4	9.1	7.8	6.1
48.0	8.1	9.0	8.8	7.6	5.8
50.0	7.8	8.6	8.5	7.3	5.5
54.0	7.1	7.9	8.0	6.8	5.0
58.0	6.6	6.8	7.0	6.4	4.4
62.0	3.9	5.5	5.7	6.0	3.9
66.0		4.3	4.6	4.8	3.5
70.0			3.6	3.8	3.1
74.0				2.9	2.8
78.0					2.0
θ (°)	9 to 83	15 to 83	18 to 83	21 to 83	22 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	58.5	50.0	32.8	27.1	25.8
16.0	51.7	47.9	30.8	25.3	24.2
18.0	45.0	44.1	29.1	23.8	22.8
20.0	38.1	38.6	27.6	22.5	21.5
22.0	32.7	33.2	26.3	21.3	20.4
24.0	28.4	28.9	25.1	20.2	19.4
26.0	24.8	25.3	24.0	19.3	18.5
28.0	21.8	22.4	23.1	18.4	17.7
30.0	19.3	19.9	20.6	17.7	16.7
32.0	17.2	17.7	18.4	17.0	15.6
34.0	15.3	15.8	16.5	16.3	14.6
36.0	13.7	14.2	14.9	15.3	13.7
38.0	12.2	12.7	13.4	13.9	12.8
40.0	10.8	11.4	12.1	12.6	12.1
42.0	9.5	10.1	10.9	11.4	11.4
44.0	8.4	8.9	9.8	10.4	10.5
46.0		7.9	8.7	9.3	9.4
48.0		6.9	7.7	8.3	8.4
50.0			6.8	7.4	7.5
54.0			5.3	5.9	5.9
58.0				4.5	4.6
62.0					3.4
θ (°)	10 to 81	16 to 81	10 to 81	16 to 81	17 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.3	24.0	20.6	19.7
20.0	33.0	35.6	22.5	19.3	18.5
22.0	30.5	32.4	21.3	18.2	17.5
24.0	28.3	29.6	20.2	17.2	16.5
26.0	25.7	26.0	19.2	16.3	15.7
28.0	22.7	23.0	18.3	15.5	15.0
30.0	20.1	20.5	17.5	14.8	14.3
32.0	18.0	18.3	16.8	14.2	13.4
34.0	16.1	16.4	16.2	13.6	12.5
36.0	14.4	14.8	15.2	13.0	11.7
38.0	13.0	13.3	13.7	12.5	10.9
40.0	11.7	12.0	12.4	12.1	10.3
42.0	10.4	10.8	11.3	11.7	9.7
44.0	9.3	9.7	10.2	10.7	9.1
46.0	8.2	8.6	9.1	9.7	8.6
48.0	7.2	7.6	8.1	8.7	8.2
50.0	6.4	6.7	7.2	7.8	7.7
54.0		5.2	5.7	6.2	6.1
58.0			4.3	4.9	4.8
62.0				3.7	3.6
66.0					2.6
70.0					1.7
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	0 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	19.8	15.6	13.5	13.1
30.0	17.1	18.5	14.8	12.8	12.4
32.0	16.1	17.4	14.2	12.2	11.9
34.0	15.2	16.5	13.6	11.7	11.1
36.0	14.4	15.3	13.0	11.2	10.3
38.0	13.6	13.8	12.5	10.7	9.6
40.0	12.4	12.5	12.0	10.3	9.0
42.0	11.2	11.3	11.6	9.9	8.5
44.0	10.1	10.3	10.7	9.5	8.0
46.0	9.0	9.2	9.7	9.2	7.5
48.0	8.1	8.2	8.7	8.9	7.1
50.0	7.2	7.3	7.8	8.2	6.7
54.0	5.6	5.8	6.2	6.6	6.0
58.0		4.4	4.9	5.2	5.1
62.0			3.7	4.0	3.9
66.0			2.7	3.0	2.9
70.0				2.1	2.0
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	26 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	11.5	10.6	9.2	7.5
40.0	9.9	10.9	10.2	8.9	7.1
42.0	9.4	10.4	9.8	8.5	6.8
44.0	9.0	9.9	9.4	8.2	6.5
46.0	8.5	9.4	9.1	7.8	6.1
48.0	8.1	8.6	8.8	7.6	5.8
50.0	7.6	7.7	8.0	7.3	5.5
54.0	6.0	6.1	6.4	6.6	5.0
58.0	4.7	4.7	5.0	5.2	4.4
62.0	3.5	3.6	3.9	4.1	3.9
66.0		2.6	2.8	3.1	2.9
70.0			1.9	2.2	2.0
θ (°)	9 to 83	15 to 83	18 to 83	29 to 83	35 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 78t, outrigger extension width 8.0m

PS + boom + 6.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	58.5	50.0	32.8	27.1	25.8
16.0	51.7	47.9	30.8	25.3	24.2
18.0	43.5	44.1	29.1	23.8	22.8
20.0	36.6	37.2	27.6	22.5	21.5
22.0	31.3	31.9	26.3	21.3	20.4
24.0	27.0	27.6	25.1	20.2	19.4
26.0	23.6	24.1	24.0	19.3	18.5
28.0	20.7	21.2	21.9	18.4	17.7
30.0	18.2	18.7	19.4	17.7	16.7
32.0	16.1	16.6	17.3	17.0	15.6
34.0	14.3	14.8	15.5	16.0	14.6
36.0	12.7	13.2	13.9	14.4	13.7
38.0	11.2	11.8	12.5	12.9	12.8
40.0	9.8	10.4	11.2	11.7	11.8
42.0	8.6	9.2	10.0	10.6	10.7
44.0	7.5	8.0	8.9	9.5	9.6
46.0		7.0	7.8	8.4	8.5
48.0		6.1	6.9	7.5	7.6
50.0			6.0	6.6	6.7
54.0			4.5	5.1	5.2
58.0				3.9	3.9
62.0					2.8
θ (°)	10 to 81	16 to 81	10 to 81	16 to 81	17 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 78t, outrigger extension width 8.0m

PS + boom + 12.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.3	24.0	20.6	19.7
20.0	33.0	35.6	22.5	19.3	18.5
22.0	30.5	32.4	21.3	18.2	17.5
24.0	27.9	28.3	20.2	17.2	16.5
26.0	24.4	24.8	19.2	16.3	15.7
28.0	21.5	21.9	18.3	15.5	15.0
30.0	19.0	19.4	17.5	14.8	14.3
32.0	16.9	17.3	16.8	14.2	13.4
34.0	15.1	15.4	15.9	13.6	12.5
36.0	13.5	13.8	14.2	13.0	11.7
38.0	12.1	12.4	12.8	12.5	10.9
40.0	10.8	11.1	11.6	12.0	10.3
42.0	9.5	9.9	10.4	10.9	9.7
44.0	8.4	8.8	9.3	9.9	9.1
46.0	7.3	7.7	8.3	8.8	8.6
48.0	6.4	6.8	7.3	7.9	7.8
50.0	5.6	5.9	6.5	7.0	6.9
54.0		4.4	4.9	5.5	5.4
58.0			3.7	4.2	4.1
62.0				3.1	3.0
66.0					2.0
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	23 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 78t, outrigger extension width 8.0m

PS + boom + 18.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	19.8	15.6	13.5	13.1
30.0	17.1	18.5	14.8	12.8	12.4
32.0	16.1	17.4	14.2	12.2	11.9
34.0	15.2	16.0	13.6	11.7	11.1
36.0	14.2	14.3	13.0	11.2	10.3
38.0	12.8	12.9	12.5	10.7	9.6
40.0	11.5	11.6	12.0	10.3	9.0
42.0	10.4	10.5	10.9	9.9	8.5
44.0	9.2	9.4	9.9	9.5	8.0
46.0	8.2	8.4	8.9	9.2	7.5
48.0	7.3	7.4	7.9	8.3	7.1
50.0	6.4	6.6	7.0	7.4	6.7
54.0	4.9	5.0	5.5	5.8	5.7
58.0		3.8	4.2	4.5	4.4
62.0			3.1	3.4	3.3
66.0			2.1	2.4	2.3
70.0				1.6	1.5
θ (°)	19 to 83	22 to 83	11 to 83	15 to 83	26 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 78t, outrigger extension width 8.0m

PS + boom + 24.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	11.5	10.6	9.2	7.5
40.0	9.9	10.9	10.2	8.9	7.1
42.0	9.4	10.4	9.8	8.5	6.8
44.0	9.0	9.8	9.4	8.2	6.5
46.0	8.5	8.8	9.0	7.8	6.1
48.0	7.7	7.8	8.1	7.6	5.8
50.0	6.9	6.9	7.2	7.3	5.5
54.0	5.3	5.4	5.7	5.9	5.0
58.0	4.0	4.1	4.3	4.6	4.4
62.0	2.9	2.9	3.2	3.5	3.3
66.0		2.0	2.2	2.5	2.3
70.0				1.6	
θ (°)	9 to 83	15 to 83	28 to 83	29 to 83	40 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 78t, outrigger extension width 6.8m

PS + boom + 6.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	54.8	50.0	32.8	27.1	25.8
16.0	44.3	44.9	30.8	25.3	24.2
18.0	36.7	37.2	29.1	23.8	22.8
20.0	30.9	31.4	27.6	22.5	21.5
22.0	26.3	26.9	26.3	21.3	20.4
24.0	22.7	23.2	24.0	20.2	19.4
26.0	19.7	20.2	20.9	19.3	18.5
28.0	17.2	17.7	18.4	18.4	17.7
30.0	15.0	15.5	16.3	16.7	16.7
32.0	13.2	13.7	14.4	14.9	15.0
34.0	11.6	12.1	12.8	13.3	13.4
36.0	10.0	10.6	11.4	11.9	12.0
38.0	8.6	9.2	10.1	10.6	10.7
40.0	7.4	8.0	8.8	9.4	9.5
42.0	6.3	6.9	7.7	8.3	8.4
44.0	5.3	5.9	6.7	7.3	7.4
46.0		5.0	5.8	6.4	6.5
48.0		4.1	4.9	5.5	5.6
50.0			4.2	4.8	4.8
54.0			2.8	3.4	3.5
58.0				2.3	2.3
θ (°)	10 to 81	16 to 81	10 to 81	16 to 81	28 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 78t, outrigger extension width 6.8m

PS + boom + 12.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	38.1	24.0	20.6	19.7
20.0	31.8	32.2	22.5	19.3	18.5
22.0	27.2	27.6	21.3	18.2	17.5
24.0	23.6	23.9	20.2	17.2	16.5
26.0	20.5	20.9	19.2	16.3	15.7
28.0	18.0	18.4	18.3	15.5	15.0
30.0	15.8	16.2	16.6	14.8	14.3
32.0	14.0	14.3	14.8	14.2	13.4
34.0	12.4	12.7	13.1	13.6	12.5
36.0	11.0	11.3	11.7	12.2	11.7
38.0	9.6	10.0	10.5	11.0	10.9
40.0	8.3	8.7	9.2	9.8	9.8
42.0	7.2	7.6	8.1	8.7	8.6
44.0	6.2	6.6	7.1	7.7	7.6
46.0	5.3	5.6	6.2	6.7	6.7
48.0	4.4	4.8	5.3	5.9	5.8
50.0	3.7	4.0	4.6	5.1	5.0
54.0		2.7	3.2	3.7	3.7
58.0			2.1	2.6	2.5
62.0				1.6	1.5
θ (°)	10 to 83	16 to 83	19 to 83	22 to 83	31 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 78t, outrigger extension width 6.8m

PS + boom + 18.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	21.0	16.4	14.2	13.7
28.0	18.3	18.9	15.6	13.5	13.1
30.0	16.6	16.7	14.8	12.8	12.4
32.0	14.7	14.9	14.2	12.2	11.9
34.0	13.1	13.2	13.6	11.7	11.1
36.0	11.7	11.8	12.3	11.2	10.3
38.0	10.4	10.6	11.0	10.7	9.6
40.0	9.2	9.3	9.9	10.1	9.0
42.0	8.0	8.2	8.7	9.1	8.5
44.0	7.0	7.2	7.7	8.0	7.9
46.0	6.1	6.3	6.8	7.1	7.0
48.0	5.3	5.4	5.9	6.2	6.1
50.0	4.5	4.6	5.1	5.5	5.3
54.0	3.1	3.3	3.8	4.1	4.0
58.0		2.2	2.6	2.9	2.8
62.0			1.6	1.9	1.8
θ (°)	19 to 83	22 to 83	24 to 83	33 to 83	38 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 78t, outrigger extension width 6.8m

PS + boom + 24.0m fixed jib Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	12.1	11.1	9.7	7.9
38.0	10.5	10.9	10.6	9.2	7.5
40.0	9.7	9.7	10.0	8.9	7.1
42.0	8.5	8.6	8.9	8.5	6.8
44.0	7.5	7.6	7.8	8.1	6.5
46.0	6.6	6.6	6.9	7.1	6.1
48.0	5.7	5.8	6.1	6.3	5.8
50.0	4.9	5.0	5.3	5.5	5.3
54.0	3.6	3.6	3.9	4.1	4.0
58.0	2.4	2.5	2.7	3.0	2.8
62.0		1.5	1.7	2.0	1.8
θ (°)	24 to 83	26 to 83	34 to 83	40 to 83	44 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	54.5	50.0	32.8	27.1	25.8
16.0	43.8	44.5	30.8	25.3	24.2
18.0	36.1	36.7	29.1	23.8	22.8
20.0	30.3	30.9	27.6	22.5	21.5
22.0	25.8	26.4	26.3	21.3	20.4
24.0	22.1	22.6	23.4	20.2	19.4
26.0	19.0	19.6	20.3	19.3	18.5
28.0	16.5	17.0	17.7	18.2	17.7
30.0	14.3	14.8	15.6	16.1	16.2
32.0	12.5	13.0	13.7	14.2	14.3
34.0	10.9	11.4	12.1	12.6	12.7
36.0	9.3	9.9	10.7	11.2	11.3
38.0	7.9	8.5	9.4	9.9	10.1
40.0	6.7	7.3	8.1	8.7	8.9
42.0	5.6	6.2	7.0	7.6	7.7
44.0	4.6	5.2	6.0	6.6	6.7
46.0		4.3	5.1	5.7	5.8
48.0		3.5	4.3	4.9	5.0
50.0			3.5	4.1	4.2
54.0				2.8	2.9
58.0				1.7	1.8
θ (°)	10 to 81	16 to 81	26 to 81	16 to 81	28 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.9	37.6	24.0	20.6	19.7
20.0	31.3	31.7	22.5	19.3	18.5
22.0	26.7	27.1	21.3	18.2	17.5
24.0	23.0	23.4	20.2	17.2	16.5
26.0	19.9	20.3	19.2	16.3	15.7
28.0	17.3	17.7	18.2	15.5	15.0
30.0	15.2	15.5	16.0	14.8	14.3
32.0	13.3	13.7	14.1	14.2	13.4
34.0	11.7	12.0	12.5	13.0	12.5
36.0	10.3	10.6	11.1	11.6	11.5
38.0	8.9	9.3	9.8	10.3	10.2
40.0	7.6	8.0	8.6	9.2	9.1
42.0	6.5	6.9	7.5	8.1	8.0
44.0	5.5	5.9	6.5	7.0	7.0
46.0	4.6	5.0	5.5	6.1	6.0
48.0	3.8	4.2	4.7	5.3	5.2
50.0	3.1	3.4	4.0	4.5	4.4
54.0			2.6	3.2	3.1
58.0			1.5	2.0	2.0
θ (°)	10 to 83	28 to 83	19 to 83	30 to 83	37 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.6	20.9	16.4	14.2	13.7
28.0	18.1	18.3	15.6	13.5	13.1
30.0	16.0	16.1	14.8	12.8	12.4
32.0	14.1	14.2	14.2	12.2	11.9
34.0	12.5	12.6	13.0	11.7	11.1
36.0	11.0	11.2	11.6	11.2	10.3
38.0	9.8	9.9	10.4	10.6	9.6
40.0	8.5	8.7	9.2	9.5	9.0
42.0	7.4	7.6	8.1	8.4	8.3
44.0	6.4	6.6	7.1	7.4	7.3
46.0	5.5	5.6	6.2	6.5	6.4
48.0	4.7	4.8	5.3	5.7	5.5
50.0	3.9	4.1	4.6	4.9	4.8
54.0	2.6	2.7	3.2	3.6	3.4
58.0		1.6	2.1	2.4	2.3
θ (°)	19 to 83	22 to 83	32 to 83	39 to 83	43 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.8	11.6	10.1	8.3
36.0	11.1	11.5	11.1	9.7	7.9
38.0	10.2	10.3	10.5	9.2	7.5
40.0	9.1	9.1	9.4	8.9	7.1
42.0	7.9	8.0	8.3	8.5	6.8
44.0	6.9	7.0	7.3	7.5	6.5
46.0	6.0	6.0	6.3	6.6	6.1
48.0	5.1	5.2	5.5	5.7	5.5
50.0	4.4	4.4	4.7	5.0	4.8
54.0	3.0	3.1	3.4	3.6	3.4
58.0	1.9	1.9	2.2	2.5	2.3
62.0				1.5	
θ (°)	24 to 83	33 to 83	40 to 83	40 to 83	48 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 6.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	52.2	50.0	32.8	27.1	25.8
16.0	41.6	42.3	30.8	25.3	24.2
18.0	34.1	34.7	29.1	23.8	22.8
20.0	28.4	29.0	27.6	22.5	21.5
22.0	24.0	24.6	25.3	21.3	20.4
24.0	20.5	21.0	21.8	20.2	19.4
26.0	17.6	18.1	18.9	19.3	18.5
28.0	15.2	15.7	16.4	16.9	17.1
30.0	13.1	13.7	14.4	14.9	15.0
32.0	11.4	11.9	12.6	13.1	13.3
34.0	9.7	10.4	11.1	11.6	11.7
36.0	8.3	8.9	9.7	10.3	10.4
38.0	6.9	7.5	8.4	9.0	9.2
40.0	5.8	6.4	7.2	7.8	8.0
42.0	4.7	5.3	6.2	6.8	6.9
44.0	3.8	4.4	5.2	5.8	5.9
46.0		3.5	4.3	4.9	5.1
48.0		2.8	3.6	4.2	4.3
50.0			2.8	3.4	3.5
54.0				2.2	2.3
θ (°)	10 to 81	16 to 81	26 to 81	27 to 81	35 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 12.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	35.1	35.6	24.0	20.6	19.7
20.0	29.4	29.8	22.5	19.3	18.5
22.0	24.9	25.3	21.3	18.2	17.5
24.0	21.4	21.8	20.2	17.2	16.5
26.0	18.5	18.8	19.2	16.3	15.7
28.0	16.0	16.4	16.9	15.5	15.0
30.0	14.0	14.3	14.8	14.8	14.3
32.0	12.2	12.6	13.0	13.5	13.4
34.0	10.7	11.0	11.5	12.0	11.9
36.0	9.2	9.7	10.1	10.6	10.6
38.0	7.9	8.3	8.9	9.4	9.4
40.0	6.7	7.1	7.7	8.3	8.2
42.0	5.7	6.1	6.6	7.2	7.1
44.0	4.7	5.1	5.6	6.2	6.1
46.0	3.9	4.2	4.8	5.3	5.3
48.0	3.1	3.5	4.0	4.5	4.5
50.0	2.4	2.7	3.3	3.8	3.7
54.0			2.0	2.5	2.5
58.0				1.5	
θ (°)	10 to 83	28 to 83	29 to 83	30 to 83	42 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 18.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	24.0	18.3	15.9	14.6
24.0	20.9	22.4	17.3	15.0	14.1
26.0	19.3	19.4	16.4	14.2	13.7
28.0	16.8	17.0	15.6	13.5	13.1
30.0	14.8	14.9	14.8	12.8	12.4
32.0	13.0	13.1	13.6	12.2	11.9
34.0	11.4	11.6	12.0	11.7	11.1
36.0	10.1	10.2	10.7	11.0	10.3
38.0	8.8	9.0	9.5	9.8	9.6
40.0	7.6	7.8	8.3	8.7	8.5
42.0	6.5	6.7	7.2	7.6	7.4
44.0	5.6	5.7	6.3	6.6	6.5
46.0	4.7	4.9	5.4	5.7	5.6
48.0	3.9	4.1	4.6	4.9	4.8
50.0	3.2	3.4	3.9	4.2	4.1
54.0		2.1	2.6	2.9	2.8
58.0			1.5	1.8	1.7
θ (°)	30 to 83	31 to 83	32 to 83	39 to 83	43 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 24.0m fixed jib
Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	14.3	12.7	11.2	9.1
32.0	12.4	13.5	12.1	10.7	8.7
34.0	11.7	12.0	11.6	10.1	8.3
36.0	10.6	10.6	10.8	9.7	7.9
38.0	9.4	9.4	9.6	9.2	7.5
40.0	8.1	8.2	8.5	8.7	7.1
42.0	7.1	7.1	7.4	7.6	6.8
44.0	6.1	6.1	6.4	6.7	6.5
46.0	5.2	5.3	5.5	5.8	5.6
48.0	4.4	4.5	4.7	5.0	4.8
50.0	3.7	3.7	4.0	4.2	4.1
54.0	2.4	2.4	2.7	3.0	2.8
58.0			1.6	1.9	1.7
θ (°)	32 to 83	39 to 83	40 to 83	45 to 83	48 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	55.9	51.2	35.1	29.1	27.7
14.0	43.2	43.9	32.8	27.1	25.8
16.0	34.6	35.2	30.8	25.3	24.2
18.0	28.3	28.9	29.1	23.8	22.8
20.0	23.5	24.1	24.9	22.5	21.5
22.0	19.8	20.3	21.1	21.3	20.4
24.0	16.8	17.3	18.0	18.5	18.7
26.0	14.3	14.8	15.5	16.0	16.2
28.0	12.2	12.7	13.4	13.9	14.1
30.0	10.4	11.0	11.7	12.1	12.3
32.0	8.6	9.3	10.1	10.6	10.7
34.0	7.2	7.8	8.6	9.3	9.4
36.0	5.8	6.5	7.3	7.9	8.1
38.0	4.7	5.3	6.1	6.7	6.9
40.0	3.7	4.3	5.1	5.7	5.8
42.0	2.8	3.3	4.2	4.8	4.9
44.0		2.5	3.3	3.9	4.0
46.0			2.6	3.2	3.3
48.0				2.5	2.6
50.0				1.8	1.9
θ (°)	21 to 81	29 to 81	34 to 81	35 to 81	41 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	35.6	36.1	25.6	22.0	20.9
18.0	29.3	29.7	24.0	20.6	19.7
20.0	24.4	24.9	22.5	19.3	18.5
22.0	20.7	21.1	21.3	18.2	17.5
24.0	17.6	18.0	18.5	17.2	16.5
26.0	15.1	15.5	15.9	16.3	15.7
28.0	13.0	13.4	13.8	14.3	14.3
30.0	11.2	11.6	12.0	12.5	12.5
32.0	9.6	10.1	10.5	11.0	10.9
34.0	8.1	8.5	9.1	9.6	9.6
36.0	6.8	7.2	7.8	8.4	8.3
38.0	5.6	6.0	6.6	7.2	7.1
40.0	4.6	5.0	5.5	6.1	6.0
42.0	3.7	4.1	4.6	5.2	5.1
44.0	2.8	3.2	3.7	4.3	4.2
46.0		2.4	3.0	3.5	3.5
48.0			2.3	2.8	2.8
50.0			1.6	2.2	2.1
θ (°)	31 to 83	36 to 83	36 to 83	43 to 83	47 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.5	19.5	17.0	15.0
22.0	21.5	21.6	18.3	15.9	14.6
24.0	18.4	18.6	17.3	15.0	14.1
26.0	15.9	16.0	16.4	14.2	13.7
28.0	13.8	13.9	14.4	13.5	13.1
30.0	12.0	12.1	12.6	12.8	12.4
32.0	10.5	10.6	11.0	11.3	11.2
34.0	9.0	9.2	9.7	10.0	9.8
36.0	7.7	7.9	8.4	8.7	8.6
38.0	6.5	6.7	7.2	7.6	7.4
40.0	5.5	5.6	6.2	6.5	6.4
42.0	4.5	4.7	5.2	5.5	5.4
44.0	3.7	3.8	4.3	4.7	4.5
46.0	2.9	3.1	3.6	3.9	3.8
48.0		2.4	2.9	3.2	3.1
50.0		1.7	2.2	2.5	2.4
θ (°)	37 to 83	38 to 83	44 to 83	48 to 83	52 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	14.3	13.4	11.8	9.4
30.0	12.5	12.5	12.7	11.2	9.1
32.0	10.9	11.0	11.2	10.7	8.7
34.0	9.5	9.6	9.8	10.0	8.3
36.0	8.2	8.3	8.6	8.8	7.9
38.0	7.0	7.1	7.4	7.6	7.4
40.0	6.0	6.0	6.3	6.5	6.4
42.0	5.0	5.1	5.4	5.6	5.4
44.0	4.1	4.2	4.5	4.7	4.5
46.0	3.4	3.4	3.7	3.9	3.8
48.0	2.7	2.7	3.0	3.2	3.1
50.0	2.0	2.1	2.4	2.6	2.4
θ (°)	39 to 83	44 to 83	49 to 83	53 to 83	56 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	47.9	48.5	32.8	27.1	25.8
16.0	38.3	38.9	30.8	25.3	24.2
18.0	31.3	31.9	29.1	23.8	22.8
20.0	25.9	26.5	27.3	22.5	21.5
22.0	21.7	22.3	23.0	21.3	20.4
24.0	18.3	18.9	19.7	20.2	19.4
26.0	15.6	16.2	16.9	17.4	17.6
28.0	13.4	13.9	14.6	15.1	15.3
30.0	11.4	12.0	12.7	13.2	13.3
32.0	9.7	10.3	11.0	11.5	11.7
34.0	8.1	8.7	9.6	10.1	10.2
36.0	6.7	7.3	8.2	8.8	9.0
38.0	5.5	6.1	6.9	7.6	7.7
40.0	4.4	5.0	5.8	6.4	6.6
42.0	3.4	4.0	4.8	5.4	5.6
44.0	2.5	3.1	3.9	4.5	4.7
46.0			3.1	3.7	3.8
48.0			2.4	3.0	3.1
50.0				2.3	2.4
θ (°)	10 to 81	29 to 81	30 to 81	35 to 81	41 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	38.9	38.4	25.6	22.0	20.9
18.0	32.3	32.8	24.0	20.6	19.7
20.0	26.9	27.3	22.5	19.3	18.5
22.0	22.6	23.1	21.3	18.2	17.5
24.0	19.3	19.7	20.1	17.2	16.5
26.0	16.5	16.9	17.4	16.3	15.7
28.0	14.2	14.6	15.0	15.5	15.0
30.0	12.3	12.7	13.1	13.6	13.6
32.0	10.6	11.0	11.4	12.0	11.9
34.0	9.1	9.5	10.0	10.5	10.4
36.0	7.7	8.1	8.7	9.2	9.2
38.0	6.4	6.9	7.4	8.0	7.9
40.0	5.3	5.7	6.3	6.9	6.8
42.0	4.3	4.7	5.3	5.9	5.8
44.0	3.4	3.8	4.4	5.0	4.9
46.0	2.6	3.0	3.6	4.1	4.1
48.0			2.8	3.4	3.3
50.0			2.2	2.7	2.6
54.0				1.5	
θ (°)	26 to 83	36 to 83	36 to 83	37 to 83	47 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	22.5	23.7	18.3	15.9	14.6
24.0	20.1	20.3	17.3	15.0	14.1
26.0	17.4	17.5	16.4	14.2	13.7
28.0	15.0	15.2	15.6	13.5	13.1
30.0	13.1	13.2	13.7	12.8	12.4
32.0	11.4	11.5	12.0	12.2	11.9
34.0	10.0	10.1	10.6	10.8	10.7
36.0	8.6	8.8	9.3	9.6	9.4
38.0	7.4	7.5	8.1	8.4	8.3
40.0	6.2	6.4	6.9	7.3	7.1
42.0	5.2	5.4	5.9	6.3	6.1
44.0	4.3	4.5	5.0	5.4	5.2
46.0	3.5	3.7	4.2	4.5	4.4
48.0	2.8	2.9	3.4	3.8	3.6
50.0		2.3	2.8	3.1	3.0
54.0			1.6	1.9	1.8
θ (°)	34 to 83	38 to 83	38 to 83	44 to 83	48 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	15.2	13.4	11.8	9.4
30.0	13.2	13.6	12.7	11.2	9.1
32.0	11.9	12.0	12.1	10.7	8.7
34.0	10.4	10.5	10.7	10.1	8.3
36.0	9.2	9.2	9.4	9.6	7.9
38.0	7.9	8.0	8.2	8.5	7.5
40.0	6.8	6.8	7.1	7.4	7.1
42.0	5.7	5.8	6.1	6.3	6.2
44.0	4.8	4.9	5.2	5.4	5.2
46.0	4.0	4.1	4.4	4.6	4.4
48.0	3.3	3.3	3.6	3.8	3.7
50.0	2.6	2.6	2.9	3.2	3.0
54.0			1.7	1.9	
θ (°)	39 to 83	44 to 83	44 to 83	49 to 83	56 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	58.6	51.2	36.5	30.3	
12.0	58.6	51.2	35.1	29.1	27.7
14.0	45.1	45.8	32.8	27.1	25.8
16.0	35.7	36.3	30.8	25.3	24.2
18.0	29.0	29.6	29.1	23.8	22.8
20.0	23.9	24.5	25.3	22.5	21.5
22.0	20.0	20.6	21.4	21.3	20.4
24.0	16.9	17.4	18.2	18.7	18.9
26.0	14.3	14.9	15.6	16.1	16.3
28.0	12.2	12.7	13.5	14.0	14.1
30.0	10.4	10.9	11.6	12.1	12.3
32.0	8.6	9.2	10.1	10.6	10.7
34.0	7.1	7.7	8.6	9.2	9.3
36.0	5.8	6.4	7.2	7.9	8.0
38.0	4.6	5.2	6.1	6.7	6.8
40.0	3.6	4.2	5.0	5.6	5.7
42.0	2.6	3.2	4.1	4.7	4.8
44.0		2.4	3.2	3.8	3.9
46.0			2.4	3.0	3.2
48.0				2.3	2.4
50.0				1.7	1.8
θ (°)	21 to 81	29 to 81	34 to 81	35 to 81	41 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	42.5	38.4	27.4	23.7	20.9
16.0	36.8	37.3	25.6	22.0	20.9
18.0	30.0	30.4	24.0	20.6	19.7
20.0	24.9	25.3	22.5	19.3	18.5
22.0	20.9	21.4	21.3	18.2	17.5
24.0	17.8	18.2	18.6	17.2	16.5
26.0	15.2	15.6	16.0	16.3	15.7
28.0	13.0	13.4	13.9	14.4	14.3
30.0	11.2	11.6	12.0	12.5	12.5
32.0	9.6	10.0	10.5	11.0	10.9
34.0	8.1	8.5	9.1	9.6	9.5
36.0	6.7	7.2	7.7	8.3	8.2
38.0	5.5	6.0	6.5	7.1	7.0
40.0	4.5	4.9	5.5	6.0	6.0
42.0	3.6	4.0	4.5	5.1	5.0
44.0	2.7	3.1	3.6	4.2	4.1
46.0			2.9	3.4	3.4
48.0			2.2	2.7	2.7
50.0			1.5	2.1	2.0
θ (°)	31 to 83	40 to 83	36 to 83	43 to 83	47 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	26.2	27.0	20.8	18.0	15.4
20.0	24.2	25.7	19.5	17.0	15.0
22.0	21.8	22.0	18.3	15.9	14.6
24.0	18.6	18.8	17.3	15.0	14.1
26.0	16.0	16.2	16.4	14.2	13.7
28.0	13.8	14.0	14.5	13.5	13.1
30.0	12.0	12.1	12.6	12.8	12.4
32.0	10.4	10.6	11.0	11.3	11.2
34.0	9.0	9.2	9.6	9.9	9.8
36.0	7.7	7.8	8.4	8.7	8.6
38.0	6.5	6.6	7.2	7.5	7.4
40.0	5.4	5.6	6.1	6.4	6.3
42.0	4.4	4.6	5.1	5.5	5.3
44.0	3.6	3.7	4.3	4.6	4.5
46.0	2.8	3.0	3.5	3.8	3.7
48.0		2.3	2.8	3.1	3.0
50.0		1.6	2.1	2.5	2.3
θ (°)	37 to 83	38 to 83	44 to 83	48 to 83	52 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	16.1	17.2	15.0	13.2	10.2
26.0	15.0	16.3	14.2	12.5	9.8
28.0	14.0	14.4	13.4	11.8	9.4
30.0	12.5	12.5	12.7	11.2	9.1
32.0	10.9	11.0	11.2	10.7	8.7
34.0	9.5	9.6	9.8	10.0	8.3
36.0	8.2	8.3	8.6	8.8	7.9
38.0	7.0	7.1	7.3	7.6	7.4
40.0	5.9	6.0	6.3	6.5	6.3
42.0	5.0	5.0	5.3	5.5	5.4
44.0	4.1	4.1	4.4	4.7	4.5
46.0	3.3	3.4	3.6	3.9	3.7
48.0	2.6	2.6	2.9	3.2	3.0
50.0	1.9	2.0	2.3	2.5	
θ (°)	39 to 83	44 to 83	49 to 83	53 to 83	57 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	56.0	51.2	36.5	30.3	
12.0	48.2	48.9	35.1	29.1	27.7
14.0	37.0	37.6	32.8	27.1	25.8
16.0	29.3	29.9	30.8	25.3	24.2
18.0	23.7	24.3	25.1	23.8	22.8
20.0	19.5	20.1	20.9	21.4	21.5
22.0	16.2	16.8	17.5	18.0	18.2
24.0	13.5	14.1	14.8	15.3	15.5
26.0	11.3	11.9	12.6	13.1	13.2
28.0	9.4	10.0	10.7	11.2	11.4
30.0	7.6	8.2	9.1	9.6	9.8
32.0	6.1	6.7	7.6	8.2	8.3
34.0	4.7	5.4	6.2	6.8	7.0
36.0	3.6	4.2	5.0	5.6	5.8
38.0	2.5	3.2	4.0	4.6	4.7
40.0			3.1	3.7	3.8
42.0				2.8	3.0
44.0				2.1	2.2
θ (°)	33 to 81	42 to 81	44 to 81	44 to 81	49 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	38.1	38.4	27.4	23.7	20.9
16.0	30.3	30.8	25.6	22.0	20.9
18.0	24.7	25.1	24.0	20.6	19.7
20.0	20.4	20.9	21.3	19.3	18.5
22.0	17.1	17.5	17.9	18.2	17.5
24.0	14.4	14.8	15.2	15.8	15.7
26.0	12.2	12.5	13.0	13.5	13.4
28.0	10.3	10.7	11.1	11.6	11.6
30.0	8.6	9.0	9.5	10.0	10.0
32.0	7.0	7.5	8.0	8.6	8.5
34.0	5.7	6.1	6.7	7.3	7.2
36.0	4.5	4.9	5.5	6.1	6.0
38.0	3.5	3.9	4.4	5.0	4.9
40.0	2.6	3.0	3.5	4.1	4.0
42.0			2.7	3.2	3.2
44.0			1.9	2.5	2.4
46.0				1.8	
θ (°)	39 to 83	46 to 83	45 to 83	48 to 83	54 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.6	28.5	22.3	18.0	15.8
18.0	25.6	25.8	20.8	18.0	15.4
20.0	21.3	21.5	19.5	17.0	15.0
22.0	17.9	18.1	18.3	15.9	14.6
24.0	15.2	15.3	15.8	15.0	14.1
26.0	13.0	13.1	13.6	13.9	13.7
28.0	11.1	11.2	11.7	12.0	11.9
30.0	9.5	9.6	10.1	10.4	10.2
32.0	8.0	8.1	8.7	9.0	8.9
34.0	6.6	6.8	7.3	7.7	7.5
36.0	5.4	5.6	6.1	6.5	6.3
38.0	4.4	4.5	5.1	5.4	5.3
40.0	3.4	3.6	4.1	4.5	4.3
42.0	2.6	2.8	3.3	3.6	3.5
44.0		2.0	2.5	2.8	2.7
46.0			1.8	2.2	
θ (°)	44 to 83	47 to 83	49 to 83	52 to 83	57 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	17.3	18.0	16.0	13.2	10.6
24.0	15.7	15.8	15.0	13.2	10.2
26.0	13.5	13.5	13.7	12.5	9.8
28.0	11.6	11.6	11.9	11.8	9.4
30.0	10.0	10.0	10.2	10.4	9.1
32.0	8.5	8.6	8.8	9.0	8.7
34.0	7.2	7.2	7.5	7.7	7.5
36.0	6.0	6.0	6.3	6.5	6.3
38.0	4.9	4.9	5.2	5.5	5.3
40.0	3.9	4.0	4.3	4.5	4.3
42.0	3.1	3.1	3.4	3.7	3.5
44.0	2.3	2.4	2.7	2.9	
46.0	1.6				
θ (°)	44 to 83	51 to 83	55 to 83	58 to 83	62 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 25t, outrigger extension width 8.5m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	53.7	51.2	36.5	30.3	
12.0	45.6	46.4	35.1	29.1	27.7
14.0	33.9	34.6	32.8	27.1	25.8
16.0	26.2	26.9	27.8	25.3	24.2
18.0	20.8	21.4	22.2	22.8	22.8
20.0	16.7	17.3	18.1	18.7	18.8
22.0	13.5	14.1	14.9	15.5	15.6
24.0	11.0	11.6	12.4	12.9	13.0
26.0	8.9	9.5	10.3	10.8	10.9
28.0	7.0	7.6	8.5	9.1	9.2
30.0	5.3	6.0	6.9	7.5	7.6
32.0	3.9	4.5	5.4	6.1	6.2
34.0	2.7	3.3	4.2	4.8	5.0
36.0			3.1	3.7	3.9
38.0				2.8	2.9
θ (°)	42 to 81	48 to 81	50 to 81	52 to 81	56 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 25t, outrigger extension width 8.5m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	46.8	38.4	29.6		
14.0	35.2	35.7	27.4	23.7	20.9
16.0	27.4	27.9	25.6	22.0	20.9
18.0	21.8	22.3	22.8	20.6	19.7
20.0	17.7	18.1	18.6	19.2	18.5
22.0	14.5	14.9	15.4	16.0	15.9
24.0	12.0	12.4	12.8	13.4	13.3
26.0	9.9	10.3	10.7	11.3	11.2
28.0	8.0	8.5	9.0	9.5	9.4
30.0	6.4	6.8	7.4	8.0	7.9
32.0	4.9	5.4	5.9	6.6	6.5
34.0	3.7	4.1	4.7	5.3	5.2
36.0	2.6	3.0	3.6	4.2	4.1
38.0			2.6	3.2	3.2
θ (°)	46 to 83	51 to 83	53 to 83	57 to 83	59 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 25t, outrigger extension width 8.5m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	28.5	28.5	22.3	18.0	15.8
18.0	22.8	23.0	20.8	18.0	15.4
20.0	18.7	18.8	19.4	17.0	15.0
22.0	15.4	15.6	16.1	15.9	14.6
24.0	12.8	13.0	13.5	13.8	13.6
26.0	10.7	10.9	11.4	11.6	11.5
28.0	9.0	9.1	9.6	9.9	9.7
30.0	7.3	7.5	8.1	8.4	8.3
32.0	5.9	6.1	6.6	7.0	6.8
34.0	4.7	4.8	5.4	5.7	5.6
36.0	3.6	3.7	4.3	4.6	4.5
38.0		2.8	3.3	3.7	
θ (°)	52 to 83	54 to 83	57 to 83	60 to 83	64 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 25t, outrigger extension width 8.5m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	18.8	19.0	16.8	13.2	10.9
22.0	16.0	16.1	16.0	13.2	10.6
24.0	13.4	13.4	13.7	13.2	10.2
26.0	11.3	11.3	11.6	11.8	9.8
28.0	9.5	9.5	9.8	10.0	9.4
30.0	7.9	8.0	8.3	8.5	8.3
32.0	6.5	6.5	6.8	7.1	6.9
34.0	5.2	5.3	5.6	5.8	5.6
36.0	4.1	4.2	4.5	4.7	4.5
38.0	3.1	3.2	3.5	3.7	
θ (°)	54 to 83	58 to 83	61 to 83	63 to 83	67 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

Counterweight 25t, outrigger extension width 8.0m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	58.6	51.2			
10.0	58.6	51.2	37.9		
11.0	49.2	50.0	36.5	30.3	
12.0	41.7	42.4	35.1	29.1	27.7
14.0	31.1	31.7	32.7	27.1	25.8
16.0	24.0	24.6	25.5	25.3	24.2
18.0	18.9	19.6	20.4	21.0	21.1
20.0	15.2	15.8	16.6	17.1	17.3
22.0	12.2	12.8	13.6	14.1	14.3
24.0	9.9	10.4	11.2	11.7	11.9
26.0	7.7	8.4	9.2	9.8	9.9
28.0	5.9	6.6	7.5	8.1	8.2
30.0	4.3	5.0	5.9	6.5	6.7
32.0	3.0	3.7	4.6	5.2	5.3
34.0			3.4	4.0	4.2
36.0				3.0	3.1
θ (°)	45 to 81	51 to 81	53 to 81	54 to 81	58 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 25t, outrigger extension width 8.0m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	47.4	38.4			
12.0	43.0	38.4	29.6		
14.0	32.3	32.8	27.4	23.7	20.9
16.0	25.1	25.6	25.6	22.0	20.9
18.0	20.0	20.4	20.9	20.6	19.7
20.0	16.2	16.6	17.1	17.6	17.6
22.0	13.2	13.6	14.0	14.6	14.5
24.0	10.8	11.2	11.6	12.2	12.1
26.0	8.8	9.2	9.7	10.2	10.1
28.0	7.0	7.4	8.0	8.6	8.5
30.0	5.4	5.8	6.4	7.0	6.9
32.0	4.0	4.5	5.0	5.7	5.6
34.0	2.9	3.3	3.9	4.5	4.4
36.0			2.8	3.4	
θ (°)	49 to 83	54 to 83	55 to 83	59 to 83	63 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

Counterweight 25t, outrigger extension width 8.0m
PS + boom + 18.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
11.0	33.3				
12.0	33.2	29.1			
14.0	31.1	29.1	22.8	18.0	
16.0	26.2	26.3	22.3	18.0	15.8
18.0	21.0	21.1	20.8	18.0	15.4
20.0	17.1	17.2	17.8	17.0	15.0
22.0	14.1	14.2	14.7	15.0	14.6
24.0	11.6	11.8	12.3	12.6	12.4
26.0	9.7	9.8	10.3	10.6	10.5
28.0	7.9	8.1	8.6	8.9	8.8
30.0	6.4	6.5	7.1	7.4	7.3
32.0	5.0	5.2	5.7	6.1	5.9
34.0	3.8	4.0	4.5	4.9	4.7
36.0		3.0	3.5	3.8	
θ (°)	55 to 83	56 to 83	59 to 83	62 to 83	66 to 83
Standard hook block	35t				
Hook block weight	950kg				
Standard number of parts of line	3		2		

Counterweight 25t, outrigger extension width 8.0m
PS + boom + 24.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
12.0	23.7				
14.0	23.0	21.0			
16.0	21.6	21.0	16.8	13.2	
18.0	20.4	19.9	16.8	13.2	11.2
20.0	17.7	17.8	16.8	13.2	10.9
22.0	14.6	14.7	14.9	13.2	10.6
24.0	12.2	12.2	12.5	12.7	10.2
26.0	10.2	10.2	10.5	10.7	9.8
28.0	8.5	8.6	8.8	9.0	8.8
30.0	6.9	7.0	7.3	7.5	7.3
32.0	5.6	5.6	5.9	6.1	5.9
34.0	4.4	4.4	4.7	5.0	4.8
36.0	3.3	3.4	3.7		
θ (°)	56 to 83	60 to 83	62 to 83	66 to 83	68 to 83
Standard hook block	35t				12.2t
Hook block weight	950kg				440kg
Standard number of parts of line	2				1

PS + Fixed Jib

Counterweight 25t, outrigger extension width 6.8m
PS + boom + 6.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
8.0	58.6				
9.0	56.9	51.2			
10.0	46.5	47.3	37.9		
11.0	38.9	39.6	36.5	30.3	
12.0	33.1	33.8	34.7	29.1	27.7
14.0	24.7	25.3	26.2	26.8	25.8
16.0	19.0	19.6	20.4	21.0	21.2
18.0	14.8	15.4	16.2	16.8	16.9
20.0	11.7	12.2	13.0	13.5	13.7
22.0	9.2	9.8	10.5	11.0	11.2
24.0	6.9	7.6	8.5	9.0	9.1
26.0	5.0	5.7	6.6	7.2	7.4
28.0	3.5	4.1	5.0	5.6	5.8
30.0				4.3	4.4
θ (°)	52 to 81	57 to 81	60 to 81	61 to 81	64 to 81
Standard hook block	80t			35t	
Hook block weight	1550kg			950kg	
Standard number of parts of line	5		4	3	

Counterweight 25t, outrigger extension width 6.8m
PS + boom + 12.0m fixed jib

Unit: t

Boom length (m) / Load radius (m)	40.4	45.4	50.5	55.6	60.0
9.0	47.4				
10.0	47.4				
11.0	40.2	38.4			
12.0	34.3	34.8	29.6		
14.0	25.8	26.3	26.8	23.7	20.9
16.0	20.0	20.5	20.9	21.6	20.9
18.0	15.8	16.2	16.7	17.3	17.2
20.0	12.6	13.0	13.5	14.0	14.0
22.0	10.1	10.5	10.9	11.5	11.4
24.0	7.9	8.4	8.9	9.4	9.4
26.0	6.1	6.5	7.1	7.7	7.6
28.0	4.5	4.9	5.5	6.1	6.0
30.0			4.1	4.7	4.6
θ (°)	58 to 83	61 to 83	62 to 83	65 to 83	67 to 83
Standard hook block	80t		35t		
Hook block weight	1550kg		950kg		
Standard number of parts of line	4		3	2	

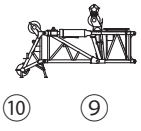
ALL TERRAIN CRANE
ATF400G-6
Hydraulic Tilt Jib

Hydraulic Tilt Jib

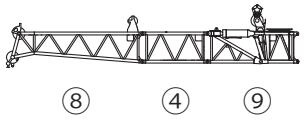
■ Configuration of hydraulic tilt jib (HLJ)

No.	Name	Length
③	Middle jib B	12.0 m
④	Reducer jib	3.0 m
⑥	Middle jib C	6.0 m
⑦	Middle jib D	12.0 m
⑧	Top jib	6.0 m
⑨	HLJ base jib	2.5 m
⑩	Heavy top jib	1.0 m

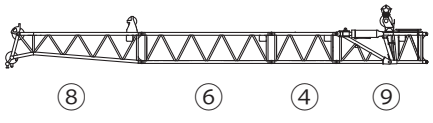
2.0m + 3.5m jib



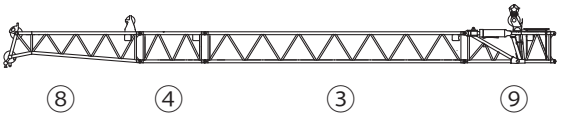
2.0m + 11.5m jib



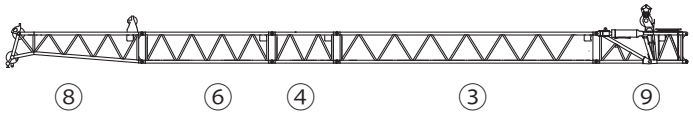
2.0m + 17.5m jib



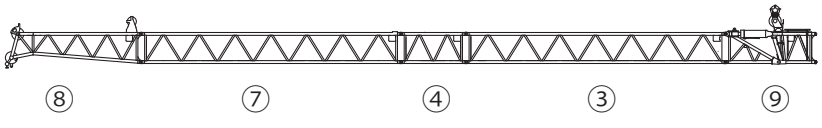
2.0m + 23.5m jib



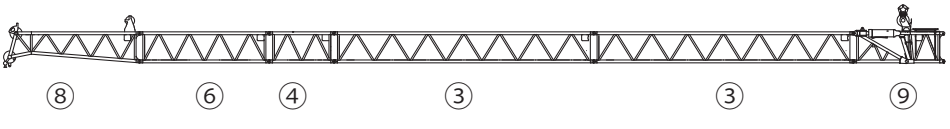
2.0m + 29.5m jib



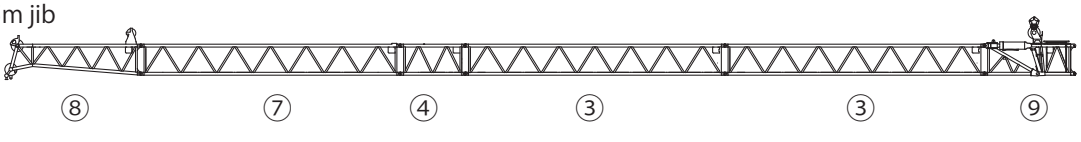
2.0m + 35.5m jib



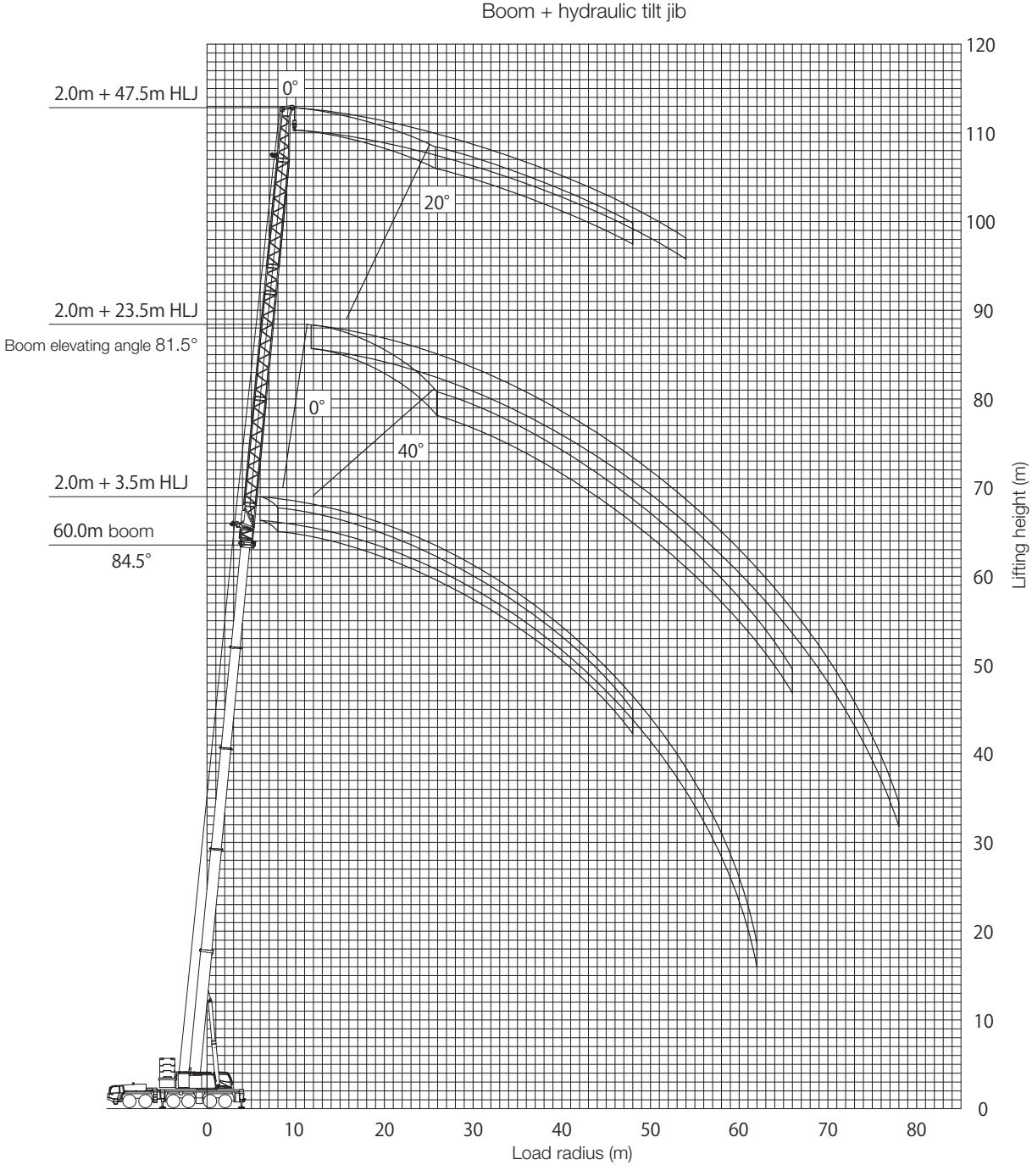
2.0m + 41.5m jib



2.0m + 47.5m jib



Working range chart for boom + hydraulic tilt jib (HLJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 118t and outrigger extension width 8.5m or 8.0m.

Hydraulic Tilt Jib

Rated lifting capacity table for boom + hydraulic tilt jib (HLJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	○	○	○	○	○	○
8.0 m	○	○	○	○	○	○
6.8 m			○	○	○	○

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom and jib deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	40.4 m	45.4 m	50.5 m	55.6 m	60.0 m
Telescopic section 1	90	90	90	90	100
Telescopic section 2	90	90	90	90	100
Telescopic section 3	45	90	90	90	100
Telescopic section 4	0	0	45	90	100

◆ The rated lifting capacity when the B-pins (boom fixing pins) are not inserted is 26.6t or less.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	4	3	2	1
Maximum load	47.4t	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "Offset" indicates an angle formed between the boom centerline and jib centerline.

◆ "θ (°)" indicates the boom angle range in which no-load operation is enabled.

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	27.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	26.1	25.4	25.0	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	24.6	24.0	23.7	21.3	20.8	20.6	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	23.3	22.8	22.5	20.0	19.7	19.5	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	21.9	21.7	21.5	19.0	18.6	18.5	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	20.0	20.1	20.2	18.0	17.7	17.6	14.5	14.1	13.9	12.5	12.2	12.1	11.8	11.5	11.4
32.0	18.3	18.4	18.4	17.2	16.9	16.8	13.9	13.6	13.4	11.9	11.7	11.5	11.2	11.0	10.9
34.0	16.8	16.9	16.9	16.3	16.2	16.1	13.3	13.0	12.9	11.4	11.2	11.0	10.7	10.5	10.4
36.0	15.4	15.5		14.9	15.0	15.0	12.8	12.6	12.4	10.9	10.7	10.6	10.3	10.1	10.0
38.0	14.2	14.3		13.7	13.8	13.8	12.4	12.1	12.0	10.5	10.3	10.2	9.8	9.7	9.6
40.0	13.1	13.1		12.6	12.7		12.0	11.7	11.7	10.1	9.9	9.9	9.5	9.3	9.2
42.0	12.1			11.7	11.7		11.6	11.4	11.4	9.7	9.6	9.5	9.1	9.0	8.9
44.0	5.6			10.8	10.8		10.8	10.8		9.4	9.3	9.2	8.8	8.7	8.6
46.0				10.0	10.0		10.0	10.0		9.1	9.0	9.0	8.5	8.4	8.3
48.0				9.0			9.3	9.3		8.8	8.7		8.2	8.1	8.1
50.0							8.6	8.6		8.6	8.5		8.0	7.9	
54.0							4.1			7.4	7.5		7.1	7.2	
58.0										6.4			6.1	6.1	
62.0													5.2		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	21.6	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	20.3	18.9	18.1	17.9	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	19.2	18.0	17.2	17.0	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	18.2	17.1	16.4	16.1	14.9	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	17.3	16.3	15.7	15.2	14.2	13.5	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	16.4	15.6	15.1	14.5	13.7	13.1	11.2	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	15.1	15.0	14.5	13.8	13.2	12.6	10.7	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	13.9	14.2	14.0	13.2	12.7	12.2	10.3	9.6	9.3	9.0	8.5	8.2	8.4	8.0	7.7
40.0	12.8	13.1	13.3	12.5	12.1	11.8	9.9	9.3	8.9	8.6	8.1	7.9	8.0	7.7	7.4
42.0	11.9	12.1	12.2	11.5	11.7	11.5	9.5	8.9	8.6	8.2	7.8	7.6	7.7	7.3	7.1
44.0	11.0	11.2		10.6	10.9	11.1	9.1	8.6	8.4	7.9	7.5	7.3	7.4	7.1	6.9
46.0	10.2	10.4		9.8	10.1	10.2	8.8	8.4	8.1	7.6	7.3	7.1	7.1	6.8	6.6
48.0	9.5	9.6		9.1	9.3		8.5	8.1	7.9	7.3	7.0	6.8	6.8	6.6	6.4
50.0	8.8			8.4	8.6		8.3	7.9	7.7	7.1	6.8	6.6	6.5	6.3	6.2
54.0				7.3	7.4		7.1	7.3		6.6	6.4	6.3	5.7	5.6	5.6
58.0							6.1	6.3		6.1	6.0		5.1	5.0	
62.0							2.0			5.3	5.4		4.5	4.5	
66.0										4.0			4.0	4.0	
70.0													3.5		
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	0 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	18.6	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	17.6	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	16.6	15.3	12.7	14.4	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	15.7	14.6	12.4	13.6	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	15.0	13.9	12.2	13.0	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	14.3	13.3	12.0	12.4	11.3	10.6	9.6	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	13.6	12.8	11.8	11.9	10.9	10.3	9.2	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	12.7	12.3	11.7	11.4	10.5	9.9	8.8	8.1	7.7	7.6	7.1	6.7	7.2	6.7	6.4
42.0	11.7	11.8	11.4	11.0	10.1	9.6	8.4	7.8	7.4	7.3	6.8	6.5	6.9	6.4	6.2
44.0	10.9	11.2	11.1	10.4	9.8	9.3	8.0	7.5	7.1	7.0	6.5	6.3	6.5	6.2	6.0
46.0	10.1	10.4	10.6	9.6	9.5	9.1	7.7	7.2	6.9	6.7	6.3	6.1	6.3	5.9	5.7
48.0	9.3	9.6	9.8	8.9	9.2	8.8	7.5	7.0	6.7	6.4	6.0	5.9	5.9	5.6	5.5
50.0	8.7	8.9		8.2	8.6	8.6	7.2	6.7	6.5	6.2	5.8	5.6	5.5	5.3	5.3
54.0	7.5	7.7		7.1	7.3		6.7	6.3	6.1	5.7	5.4	5.3	4.8	4.7	4.7
58.0				6.1	6.2		6.0	6.0		5.3	5.1	5.0	4.2	4.1	4.2
62.0				4.5			5.1	5.3		4.8	4.7		3.6	3.6	3.7
66.0							4.4			4.3	4.3		3.2	3.2	
70.0										3.6	3.7		2.8	2.8	
74.0													2.5	2.5	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	20 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	15.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	14.5	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	13.9	10.3	8.3	11.8	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	13.2	9.9	8.1	11.2	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	12.6	9.6	7.9	10.7	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	12.0	9.2	7.7	10.2	9.2	7.9	7.8	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	11.4	8.9	7.6	9.8	8.9	7.7	7.5	6.8	6.2	6.5	5.9	5.4	6.1	5.6	5.1
44.0	10.7	8.6	7.5	9.4	8.6	7.6	7.1	6.5	6.0	6.2	5.7	5.2	5.8	5.4	4.9
46.0	9.9	8.4	7.4	9.1	8.3	7.5	6.8	6.3	5.8	5.9	5.5	5.0	5.4	5.1	4.7
48.0	9.2	8.1	7.3	8.7	8.0	7.4	6.6	6.0	5.7	5.7	5.3	4.9	5.0	4.8	4.5
50.0	8.5	7.9	7.2	8.1	7.7	7.3	6.3	5.8	5.5	5.4	5.1	4.7	4.6	4.4	4.3
54.0	7.4	7.6	7.2	6.9	7.3	6.9	5.8	5.4	5.2	4.8	4.6	4.4	4.0	3.9	3.9
58.0	6.3	6.6		5.9	6.3	6.5	5.4	5.1	4.9	4.3	4.1	4.0	3.4	3.4	3.4
62.0	5.5			5.1	5.3		4.9	4.7	4.5	3.8	3.7	3.6	2.9	2.9	3.0
66.0				4.3	4.5		4.1	4.3		3.5	3.3	3.3	2.5	2.5	2.6
70.0							3.5	3.7		3.1	3.0		2.1	2.1	
74.0										2.8	2.8		1.8	1.8	
78.0										1.8			1.5	1.6	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	21 to 83	27 to 84.5	45 to 84.5	12 to 83	29 to 84.5	45 to 84.5	24 to 83	30 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.4	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	10.7	7.6	5.9	10.2	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	10.0	7.2	5.7	9.7	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	9.5	6.9	5.5	9.2	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	8.9	6.7	5.4	8.8	7.0	5.5	6.7	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	8.5	6.4	5.3	8.4	6.7	5.4	6.4	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	8.0	6.2	5.1	8.1	6.5	5.2	6.1	5.4	4.8	5.4	4.8	4.3	4.6	4.1	3.6
48.0	7.6	6.0	5.0	7.7	6.3	5.1	5.8	5.2	4.7	5.1	4.6	4.2	4.2	3.9	3.4
50.0	7.2	5.8	5.0	7.4	6.1	5.0	5.5	5.1	4.6	4.7	4.4	4.1	3.9	3.6	3.3
54.0	6.6	5.4	4.8	6.7	5.7	4.9	4.9	4.5	4.3	4.1	3.9	3.8	3.3	3.2	3.0
58.0	6.0	5.1	4.8	5.7	5.4	4.8	4.4	4.1	3.9	3.6	3.4	3.3	2.8	2.7	2.7
62.0	5.2	4.9		4.8	5.1	4.7	4.0	3.7	3.5	3.2	3.0	2.9	2.3	2.3	2.4
66.0	4.5	4.7		4.1	4.4		3.6	3.3	3.2	2.8	2.6	2.6	1.9	1.9	2.0
70.0				3.4	3.6		3.2	3.0		2.4	2.3	2.3	1.5	1.6	1.7
74.0				2.0			2.6	2.8		2.1	2.0				
78.0							2.1			1.8	1.7				
82.0										1.6	1.5				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	11 to 83	31 to 84.5	49 to 84.5	15 to 83	32 to 84.5	49 to 84.5	19 to 83	26 to 84.5	49 to 84.5	42 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.8	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.9	5.5	4.2	8.4	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.0	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	5.7	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	5.4	4.7	4.0	4.5	4.0	3.5	3.7	3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	5.1	4.5	3.9	4.1	3.8	3.3	3.4	3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	4.5	4.1	3.7	3.6	3.4	3.0	2.8	2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	3.9	3.6	3.4	3.0	2.9	2.7	2.3	2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	3.5	3.2	3.0	2.6	2.5	2.4	1.9	1.9	1.8
66.0	4.0	3.4	3.2	4.0	3.6	3.2	3.1	2.8	2.7	2.2	2.1	2.1	1.5	1.6	1.6
70.0	3.6	3.3		3.3	3.4	3.2	2.7	2.5	2.4	1.9	1.8	1.8			
74.0	3.2			2.7	3.0		2.4	2.2	2.1	1.5	1.5	1.5			
78.0				2.2	2.4		2.1	2.0							
82.0							1.6	1.8							
θ (°)	14 to 83	34 to 84.5	46 to 84.5	18 to 83	26 to 84.5	47 to 84.5	21 to 83	29 to 84.5	47 to 84.5	39 to 83	48 to 84.5	53 to 84.5	50 to 83	58 to 84.5	63 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	6.1	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	4.4	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	4.1	3.5	2.4	3.2	2.7	2.3	2.6	2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	3.5	3.1	2.3	2.6	2.4	2.0	2.1	1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.0	2.7	2.1	2.1	2.0	1.7	1.6		
62.0	3.2	2.3	1.8	3.5	2.5	1.9	2.5	2.3	2.0	1.7	1.6				
66.0	2.8	2.1	1.7	3.1	2.3	1.8	2.1	1.9	1.8						
70.0	2.5	1.9	1.7	2.8	2.1	1.7	1.8	1.6	1.5						
74.0	2.2	1.8		2.4	1.9	1.7									
78.0	1.9	1.7		1.9	1.8										
82.0					1.7										
θ (°)	20 to 83	30 to 84.5	51 to 84.5	29 to 83	32 to 84.5	51 to 84.5	44 to 83	54 to 84.5	60 to 84.5	54 to 83	63 to 84.5	73 to 84.5	59 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 118t, outrigger extension width 8.5m or 8.0m
Boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5		55.6		60.0	
Load radius	Offset		Offset		Offset		Offset		Offset	
(m)	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°
16.0	10.7									
18.0	10.1		9.3							
20.0	9.6		8.8		7.8					
22.0	9.0		8.3		7.5		6.5			
24.0	8.5		7.9		7.1		6.3			
26.0	8.1		7.5		6.8		6.0		5.6	
28.0	7.6		7.1		6.5		5.8		5.4	
30.0	7.2		6.8		6.2		5.6		5.2	
32.0	6.7		6.5		5.9		5.3		4.9	
34.0	6.3	3.7	6.2		5.6		5.1		4.7	
36.0	5.9	3.5	5.9	3.6	5.4		4.9		4.2	
38.0	5.4	3.2	5.6	3.4	5.2	3.5	4.6		3.8	
40.0	5.0	3.0	5.3	3.1	4.9	3.3	4.2	3.1	3.5	
42.0	4.6	2.8	5.0	2.9	4.7	3.1	3.8	2.8	3.1	2.1
44.0	4.3	2.6	4.7	2.7	4.4	2.9	3.5	2.6	2.8	1.9
46.0	4.0	2.4	4.3	2.6	4.0	2.7	3.2	2.4	2.5	1.7
48.0	3.7	2.3	4.0	2.4	3.6	2.5	2.8	2.1	2.2	1.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4	2.5	1.9	2.0	
54.0	2.9	1.8	3.2	1.9	2.7	2.1	2.0	1.5	1.5	
58.0	2.5	1.6	2.8	1.7	2.2	1.8	1.5			
62.0	2.1		2.4	1.5	1.8	1.6				
66.0	1.8		2.1							
70.0	1.5		1.8							
74.0			1.5							
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	54 to 84.5	65 to 84.5	60 to 84.5	72 to 84.5	64 to 84.5	77 to 84.5
Standard hook block	12.2t									
Hook block weight	440kg									
Standard number of parts of line	1									

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	27.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	26.1	25.4	25.0	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	24.6	24.0	23.7	21.3	20.8	20.6	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	23.3	22.8	22.5	20.0	19.7	19.5	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	21.9	21.7	21.5	19.0	18.6	18.5	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	20.0	20.1	20.2	18.0	17.7	17.6	14.5	14.1	13.9	12.5	12.2	12.1	11.8	11.5	11.4
32.0	18.3	18.4	18.4	17.2	16.9	16.8	13.9	13.6	13.4	11.9	11.7	11.5	11.2	11.0	10.9
34.0	16.8	16.9	16.9	16.3	16.2	16.1	13.3	13.0	12.9	11.4	11.2	11.0	10.7	10.5	10.4
36.0	15.4	15.5		14.9	15.0	15.0	12.8	12.6	12.4	10.9	10.7	10.6	10.3	10.1	10.0
38.0	14.2	14.3		13.7	13.8	13.8	12.4	12.1	12.0	10.5	10.3	10.2	9.8	9.7	9.6
40.0	13.1	13.1		12.6	12.7		12.0	11.7	11.7	10.1	9.9	9.9	9.5	9.3	9.2
42.0	12.1			11.7	11.7		11.6	11.4	11.4	9.7	9.6	9.5	9.1	9.0	8.9
44.0	5.6			10.8	10.8		10.8	10.8		9.4	9.3	9.2	8.8	8.7	8.6
46.0				10.0	10.0		10.0	10.0		9.1	9.0	9.0	8.5	8.4	8.3
48.0				9.0			9.3	9.3		8.8	8.7		8.2	8.1	8.1
50.0							8.6	8.6		8.6	8.5		8.0	7.9	
54.0							4.1			7.4	7.5		7.1	7.2	
58.0										6.4			6.1	6.1	
62.0													5.2		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	21.6	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	20.3	18.9	18.1	17.9	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	19.2	18.0	17.2	17.0	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	18.2	17.1	16.4	16.1	14.9	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	17.3	16.3	15.7	15.2	14.2	13.5	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	16.4	15.6	15.1	14.5	13.7	13.1	11.2	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	15.1	15.0	14.5	13.8	13.2	12.6	10.7	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	13.9	14.2	14.0	13.2	12.7	12.2	10.3	9.6	9.3	9.0	8.5	8.2	8.4	8.0	7.7
40.0	12.8	13.1	13.3	12.5	12.1	11.8	9.9	9.3	8.9	8.6	8.1	7.9	8.0	7.7	7.4
42.0	11.9	12.1	12.2	11.5	11.7	11.5	9.5	8.9	8.6	8.2	7.8	7.6	7.7	7.3	7.1
44.0	11.0	11.2		10.6	10.9	11.1	9.1	8.6	8.4	7.9	7.5	7.3	7.4	7.1	6.9
46.0	10.2	10.4		9.8	10.1	10.2	8.8	8.4	8.1	7.6	7.3	7.1	7.1	6.8	6.6
48.0	9.5	9.6		9.1	9.3		8.5	8.1	7.9	7.3	7.0	6.8	6.8	6.6	6.4
50.0	8.8			8.4	8.6		8.3	7.9	7.7	7.1	6.8	6.6	6.5	6.3	6.2
54.0				7.3	7.4		7.1	7.3		6.6	6.4	6.3	5.7	5.6	5.6
58.0							6.1	6.3		6.1	6.0		5.1	5.0	
62.0							2.0			5.3	5.4		4.5	4.5	
66.0										4.0			4.0	4.0	
70.0													3.5		
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	0 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	18.6	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	17.6	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	16.6	15.3	12.7	14.4	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	15.7	14.6	12.4	13.6	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	15.0	13.9	12.2	13.0	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	14.3	13.3	12.0	12.4	11.3	10.6	9.6	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	13.6	12.8	11.8	11.9	10.9	10.3	9.2	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	12.7	12.3	11.7	11.4	10.5	9.9	8.8	8.1	7.7	7.6	7.1	6.7	7.2	6.7	6.4
42.0	11.7	11.8	11.4	11.0	10.1	9.6	8.4	7.8	7.4	7.3	6.8	6.5	6.9	6.4	6.2
44.0	10.9	11.2	11.1	10.4	9.8	9.3	8.0	7.5	7.1	7.0	6.5	6.3	6.5	6.2	6.0
46.0	10.1	10.4	10.6	9.6	9.5	9.1	7.7	7.2	6.9	6.7	6.3	6.1	6.3	5.9	5.7
48.0	9.3	9.6	9.8	8.9	9.2	8.8	7.5	7.0	6.7	6.4	6.0	5.9	5.9	5.6	5.5
50.0	8.7	8.9		8.2	8.6	8.6	7.2	6.7	6.5	6.2	5.8	5.6	5.5	5.3	5.3
54.0	7.5	7.7		7.1	7.3		6.7	6.3	6.1	5.7	5.4	5.3	4.8	4.7	4.7
58.0				6.1	6.2		6.0	6.0		5.3	5.1	5.0	4.2	4.1	4.2
62.0				4.5			5.1	5.3		4.8	4.7		3.6	3.6	3.7
66.0							4.4			4.3	4.3		3.2	3.2	
70.0										3.6	3.7		2.8	2.8	
74.0													2.5	2.5	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	20 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	15.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	14.5	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	13.9	10.3	8.3	11.8	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	13.2	9.9	8.1	11.2	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	12.6	9.6	7.9	10.7	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	12.0	9.2	7.7	10.2	9.2	7.9	7.8	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	11.4	8.9	7.6	9.8	8.9	7.7	7.5	6.8	6.2	6.5	5.9	5.4	6.1	5.6	5.1
44.0	10.7	8.6	7.5	9.4	8.6	7.6	7.1	6.5	6.0	6.2	5.7	5.2	5.8	5.4	4.9
46.0	9.9	8.4	7.4	9.1	8.3	7.5	6.8	6.3	5.8	5.9	5.5	5.0	5.4	5.1	4.7
48.0	9.2	8.1	7.3	8.7	8.0	7.4	6.6	6.0	5.7	5.7	5.3	4.9	5.0	4.8	4.5
50.0	8.5	7.9	7.2	8.1	7.7	7.3	6.3	5.8	5.5	5.4	5.1	4.7	4.6	4.4	4.3
54.0	7.4	7.6	7.2	6.9	7.3	6.9	5.8	5.4	5.2	4.8	4.6	4.4	4.0	3.9	3.9
58.0	6.3	6.6		5.9	6.3	6.5	5.4	5.1	4.9	4.3	4.1	4.0	3.4	3.4	3.4
62.0	5.5			5.1	5.3		4.9	4.7	4.5	3.8	3.7	3.6	2.9	2.9	3.0
66.0				4.3	4.5		4.1	4.3		3.5	3.3	3.3	2.5	2.5	2.6
70.0							3.5	3.7		3.1	3.0		2.1	2.1	
74.0										2.8	2.8		1.8	1.8	
78.0										1.8			1.5	1.6	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	21 to 83	27 to 84.5	45 to 84.5	12 to 83	29 to 84.5	45 to 84.5	24 to 83	30 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.4	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	10.7	7.6	5.9	10.2	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	10.0	7.2	5.7	9.7	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	9.5	6.9	5.5	9.2	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	8.9	6.7	5.4	8.8	7.0	5.5	6.7	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	8.5	6.4	5.3	8.4	6.7	5.4	6.4	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	8.0	6.2	5.1	8.1	6.5	5.2	6.1	5.4	4.8	5.4	4.8	4.3	4.6	4.1	3.6
48.0	7.6	6.0	5.0	7.7	6.3	5.1	5.8	5.2	4.7	5.1	4.6	4.2	4.2	3.9	3.4
50.0	7.2	5.8	5.0	7.4	6.1	5.0	5.5	5.1	4.6	4.7	4.4	4.1	3.9	3.6	3.3
54.0	6.6	5.4	4.8	6.7	5.7	4.9	4.9	4.5	4.3	4.1	3.9	3.8	3.3	3.2	3.0
58.0	6.0	5.1	4.8	5.7	5.4	4.8	4.4	4.1	3.9	3.6	3.4	3.3	2.8	2.7	2.7
62.0	5.2	4.9		4.8	5.1	4.7	4.0	3.7	3.5	3.2	3.0	2.9	2.3	2.3	2.4
66.0	4.5	4.7		4.1	4.4		3.6	3.3	3.2	2.8	2.6	2.6	1.9	1.9	2.0
70.0				3.4	3.6		3.2	3.0		2.4	2.3	2.3	1.5	1.6	1.7
74.0				2.0			2.6	2.8		2.1	2.0				
78.0							2.0			1.8	1.7				
82.0										1.5	1.5				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	11 to 83	31 to 84.5	49 to 84.5	15 to 83	32 to 84.5	49 to 84.5	19 to 83	26 to 84.5	49 to 84.5	42 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.8	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.9	5.5	4.2	8.4	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.0	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	5.7	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	5.4	4.7	4.0	4.5	4.0	3.5	3.7	3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	5.1	4.5	3.9	4.1	3.8	3.3	3.4	3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	4.5	4.1	3.7	3.6	3.4	3.0	2.8	2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	3.9	3.6	3.4	3.0	2.9	2.7	2.3	2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	3.5	3.2	3.0	2.6	2.5	2.4	1.9	1.9	1.8
66.0	4.0	3.4	3.2	4.0	3.6	3.2	3.1	2.8	2.7	2.2	2.1	2.1	1.5	1.6	1.6
70.0	3.6	3.3		3.3	3.4	3.2	2.7	2.5	2.4	1.9	1.8	1.8			
74.0	3.1			2.7	3.0		2.4	2.2	2.1	1.5	1.5	1.5			
78.0				2.1	2.4		2.1	2.0							
82.0							1.5	1.8							
θ (°)	14 to 83	34 to 84.5	46 to 84.5	18 to 83	26 to 84.5	47 to 84.5	21 to 83	29 to 84.5	47 to 84.5	39 to 83	48 to 84.5	53 to 84.5	50 to 83	58 to 84.5	63 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	6.1	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	4.4	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	4.1	3.5	2.4	3.2	2.7	2.3	2.6	2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	3.5	3.1	2.3	2.6	2.4	2.0	2.1	1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.0	2.7	2.1	2.1	2.0	1.7	1.6		
62.0	3.2	2.3	1.8	3.5	2.5	1.9	2.5	2.3	2.0	1.7	1.6				
66.0	2.8	2.1	1.7	3.1	2.3	1.8	2.1	1.9	1.8						
70.0	2.5	1.9	1.7	2.8	2.1	1.7	1.8	1.6	1.5						
74.0	2.2	1.8		2.4	1.9	1.7									
78.0	1.9	1.7		1.9	1.8										
82.0					1.7										
θ (°)	20 to 83	30 to 84.5	51 to 84.5	29 to 83	32 to 84.5	51 to 84.5	44 to 83	54 to 84.5	60 to 84.5	54 to 83	63 to 84.5	73 to 84.5	59 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5		55.6		60.0	
Load radius	Offset		Offset		Offset		Offset		Offset	
(m)	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°
16.0	10.7									
18.0	10.1		9.3							
20.0	9.6		8.8		7.8					
22.0	9.0		8.3		7.5		6.5			
24.0	8.5		7.9		7.1		6.3			
26.0	8.1		7.5		6.8		6.0		5.6	
28.0	7.6		7.1		6.5		5.8		5.4	
30.0	7.2		6.8		6.2		5.6		5.2	
32.0	6.7		6.5		5.9		5.3		4.9	
34.0	6.3	3.7	6.2		5.6		5.1		4.7	
36.0	5.9	3.5	5.9	3.6	5.4		4.9		4.2	
38.0	5.4	3.2	5.6	3.4	5.2	3.5	4.6		3.8	
40.0	5.0	3.0	5.3	3.1	4.9	3.3	4.2	3.1	3.5	
42.0	4.6	2.8	5.0	2.9	4.7	3.1	3.8	2.8	3.1	2.1
44.0	4.3	2.6	4.7	2.7	4.4	2.9	3.5	2.6	2.8	1.9
46.0	4.0	2.4	4.3	2.6	4.0	2.7	3.2	2.4	2.5	1.7
48.0	3.7	2.3	4.0	2.4	3.6	2.5	2.8	2.1	2.2	1.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4	2.5	1.9	2.0	
54.0	2.9	1.8	3.2	1.9	2.7	2.1	2.0	1.5	1.5	
58.0	2.5	1.6	2.8	1.7	2.2	1.8	1.5			
62.0	2.1		2.4	1.5	1.8	1.6				
66.0	1.8		2.1							
70.0	1.5		1.8							
74.0			1.5							
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	54 to 84.5	65 to 84.5	60 to 84.5	72 to 84.5	64 to 84.5	77 to 84.5
Standard hook block	12.2t									
Hook block weight	440kg									
Standard number of parts of line	1									

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	27.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	26.1	25.4	25.0	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	24.6	24.0	23.7	21.3	20.8	20.6	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	23.3	22.8	22.5	20.0	19.7	19.5	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	21.9	21.7	21.5	19.0	18.6	18.5	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	20.0	20.1	20.2	18.0	17.7	17.6	14.5	14.1	13.9	12.5	12.2	12.1	11.8	11.5	11.4
32.0	18.3	18.4	18.4	17.2	16.9	16.8	13.9	13.6	13.4	11.9	11.7	11.5	11.2	11.0	10.9
34.0	16.8	16.9	16.9	16.3	16.2	16.1	13.3	13.0	12.9	11.4	11.2	11.0	10.7	10.5	10.4
36.0	15.4	15.5		14.9	15.0	15.0	12.8	12.6	12.4	10.9	10.7	10.6	10.3	10.1	10.0
38.0	14.2	14.3		13.7	13.8	13.8	12.4	12.1	12.0	10.5	10.3	10.2	9.8	9.7	9.6
40.0	13.1	13.1		12.6	12.7		12.0	11.7	11.7	10.1	9.9	9.9	9.5	9.3	9.2
42.0	12.0			11.7	11.7		11.6	11.4	11.4	9.7	9.6	9.5	9.1	9.0	8.9
44.0	5.6			10.8	10.8		10.8	10.8		9.4	9.3	9.2	8.8	8.7	8.6
46.0				10.0	10.0		10.0	10.0		9.1	9.0	9.0	8.5	8.4	8.3
48.0				9.0			9.3	9.3		8.8	8.7		8.2	8.1	8.1
50.0							8.6	8.6		8.6	8.5		8.0	7.9	
54.0							4.1			7.4	7.5		7.1	7.2	
58.0										6.1			6.1	6.1	
62.0													4.9		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	21.6	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	20.3	18.9	18.1	17.9	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	19.2	18.0	17.2	17.0	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	18.2	17.1	16.4	16.1	14.9	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	17.3	16.3	15.7	15.2	14.2	13.5	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	16.4	15.6	15.1	14.5	13.7	13.1	11.2	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	15.1	15.0	14.5	13.8	13.2	12.6	10.7	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	13.9	14.2	14.0	13.2	12.7	12.2	10.3	9.6	9.3	9.0	8.5	8.2	8.4	8.0	7.7
40.0	12.8	13.1	13.3	12.5	12.1	11.8	9.9	9.3	8.9	8.6	8.1	7.9	8.0	7.7	7.4
42.0	11.9	12.1	12.2	11.5	11.7	11.5	9.5	8.9	8.6	8.2	7.8	7.6	7.7	7.3	7.1
44.0	11.0	11.2		10.6	10.9	11.1	9.1	8.6	8.4	7.9	7.5	7.3	7.4	7.1	6.9
46.0	10.2	10.4		9.8	10.1	10.2	8.8	8.4	8.1	7.6	7.3	7.1	7.1	6.8	6.6
48.0	9.5	9.6		9.1	9.3		8.5	8.1	7.9	7.3	7.0	6.8	6.8	6.6	6.4
50.0	8.6			8.4	8.6		8.3	7.9	7.7	7.1	6.8	6.6	6.5	6.3	6.2
54.0				7.1	7.3		7.1	7.3		6.6	6.4	6.3	5.7	5.6	5.6
58.0							6.0	6.2		6.1	6.0		5.1	5.0	
62.0							2.0			5.1	5.3		4.5	4.5	
66.0										4.0			3.9	4.0	
70.0													3.0		
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	0 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	18.6	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	17.6	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	16.6	15.3	12.7	14.4	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	15.7	14.6	12.4	13.6	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	15.0	13.9	12.2	13.0	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	14.3	13.3	12.0	12.4	11.3	10.6	9.6	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	13.6	12.8	11.8	11.9	10.9	10.3	9.2	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	12.7	12.3	11.7	11.4	10.5	9.9	8.8	8.1	7.7	7.6	7.1	6.7	7.2	6.7	6.4
42.0	11.7	11.8	11.4	11.0	10.1	9.6	8.4	7.8	7.4	7.3	6.8	6.5	6.9	6.4	6.2
44.0	10.9	11.2	11.1	10.4	9.8	9.3	8.0	7.5	7.1	7.0	6.5	6.3	6.5	6.2	6.0
46.0	10.1	10.4	10.6	9.6	9.5	9.1	7.7	7.2	6.9	6.7	6.3	6.1	6.3	5.9	5.7
48.0	9.3	9.6	9.8	8.9	9.2	8.8	7.5	7.0	6.7	6.4	6.0	5.9	5.9	5.6	5.5
50.0	8.7	8.9		8.2	8.6	8.6	7.2	6.7	6.5	6.2	5.8	5.6	5.5	5.3	5.3
54.0	7.4	7.7		7.1	7.3		6.7	6.3	6.1	5.7	5.4	5.3	4.8	4.7	4.7
58.0				5.9	6.2		6.0	6.0		5.3	5.1	5.0	4.2	4.1	4.2
62.0				4.5			5.0	5.3		4.8	4.7		3.6	3.6	3.7
66.0							4.0			4.1	4.3		3.2	3.2	
70.0										3.2	3.4		2.8	2.8	
74.0													2.2	2.4	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	20 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	15.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	14.5	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	13.9	10.3	8.3	11.8	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	13.2	9.9	8.1	11.2	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	12.6	9.6	7.9	10.7	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	12.0	9.2	7.7	10.2	9.2	7.9	7.8	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	11.4	8.9	7.6	9.8	8.9	7.7	7.5	6.8	6.2	6.5	5.9	5.4	6.1	5.6	5.1
44.0	10.7	8.6	7.5	9.4	8.6	7.6	7.1	6.5	6.0	6.2	5.7	5.2	5.8	5.4	4.9
46.0	9.9	8.4	7.4	9.1	8.3	7.5	6.8	6.3	5.8	5.9	5.5	5.0	5.4	5.1	4.7
48.0	9.2	8.1	7.3	8.7	8.0	7.4	6.6	6.0	5.7	5.7	5.3	4.9	5.0	4.8	4.5
50.0	8.5	7.9	7.2	8.1	7.7	7.3	6.3	5.8	5.5	5.4	5.1	4.7	4.6	4.4	4.3
54.0	7.4	7.6	7.2	6.9	7.3	6.9	5.8	5.4	5.2	4.8	4.6	4.4	4.0	3.9	3.9
58.0	6.3	6.6		5.9	6.3	6.5	5.4	5.1	4.9	4.3	4.1	4.0	3.4	3.4	3.4
62.0	5.1			5.0	5.3		4.9	4.7	4.5	3.8	3.7	3.6	2.9	2.9	3.0
66.0				3.9	4.2		4.0	4.3		3.5	3.3	3.3	2.5	2.5	2.6
70.0							3.1	3.4		3.1	3.0		2.1	2.1	
74.0										2.4	2.7		1.8	1.8	
78.0										1.7				1.6	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	21 to 83	27 to 84.5	45 to 84.5	12 to 83	29 to 84.5	45 to 84.5	30 to 83	30 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.4	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	10.7	7.6	5.9	10.2	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	10.0	7.2	5.7	9.7	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	9.5	6.9	5.5	9.2	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	8.9	6.7	5.4	8.8	7.0	5.5	6.7	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	8.5	6.4	5.3	8.4	6.7	5.4	6.4	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	8.0	6.2	5.1	8.1	6.5	5.2	6.1	5.4	4.8	5.4	4.8	4.3	4.6	4.1	3.6
48.0	7.6	6.0	5.0	7.7	6.3	5.1	5.8	5.2	4.7	5.1	4.6	4.2	4.2	3.9	3.4
50.0	7.2	5.8	5.0	7.4	6.1	5.0	5.5	5.1	4.6	4.7	4.4	4.1	3.9	3.6	3.3
54.0	6.6	5.4	4.8	6.7	5.7	4.9	4.9	4.5	4.3	4.1	3.9	3.8	3.3	3.2	3.0
58.0	6.0	5.1	4.8	5.7	5.4	4.8	4.4	4.1	3.9	3.6	3.4	3.3	2.8	2.7	2.7
62.0	5.2	4.9		4.8	5.1	4.7	4.0	3.7	3.5	3.2	3.0	2.9	2.3	2.3	2.4
66.0	4.1	4.6		3.9	4.4		3.6	3.3	3.2	2.8	2.6	2.6	1.9	1.9	2.0
70.0				3.0	3.5		3.1	3.0		2.4	2.3	2.3	1.5	1.6	1.7
74.0				2.0			2.3	2.7		2.1	2.0				
78.0							1.6			1.7	1.7				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	11 to 83	31 to 84.5	49 to 84.5	15 to 83	32 to 84.5	49 to 84.5	27 to 83	34 to 84.5	49 to 84.5	42 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.8	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.9	5.5	4.2	8.4	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.0	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	5.7	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	5.4	4.7	4.0	4.5	4.0	3.5	3.7	3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	5.1	4.5	3.9	4.1	3.8	3.3	3.4	3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	4.5	4.1	3.7	3.6	3.4	3.0	2.8	2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	3.9	3.6	3.4	3.0	2.9	2.7	2.3	2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	3.5	3.2	3.0	2.6	2.5	2.4	1.9	1.9	1.8
66.0	4.0	3.4	3.2	4.0	3.6	3.2	3.1	2.8	2.7	2.2	2.1	2.1	1.5	1.6	1.6
70.0	3.4	3.3		3.2	3.4	3.2	2.7	2.5	2.4	1.9	1.8	1.8			
74.0	2.6			2.4	3.0		2.4	2.2	2.1	1.5	1.5	1.5			
78.0				1.7	2.0		1.8	2.0							
82.0								1.5							
θ (°)	14 to 83	34 to 84.5	46 to 84.5	18 to 83	26 to 84.5	47 to 84.5	28 to 83	29 to 84.5	47 to 84.5	39 to 83	48 to 84.5	53 to 84.5	50 to 83	58 to 84.5	63 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	6.1	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	4.4	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	4.1	3.5	2.4	3.2	2.7	2.3	2.6	2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	3.5	3.1	2.3	2.6	2.4	2.0	2.1	1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.0	2.7	2.1	2.1	2.0	1.7	1.6		
62.0	3.2	2.3	1.8	3.5	2.5	1.9	2.5	2.3	2.0	1.7	1.6				
66.0	2.8	2.1	1.7	3.1	2.3	1.8	2.1	1.9	1.8						
70.0	2.5	1.9	1.7	2.8	2.1	1.7	1.8	1.6	1.5						
74.0	2.2	1.8		2.3	1.9	1.7									
78.0	1.8	1.7		1.5	1.8										
θ (°)	20 to 83	30 to 84.5	51 to 84.5	29 to 83	39 to 84.5	51 to 84.5	44 to 83	54 to 84.5	60 to 84.5	54 to 83	63 to 84.5	73 to 84.5	59 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5		55.6		60.0	
Load radius	Offset		Offset		Offset		Offset		Offset	
(m)	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°
16.0	10.7									
18.0	10.1		9.3							
20.0	9.6		8.8		7.8					
22.0	9.0		8.3		7.5		6.5			
24.0	8.5		7.9		7.1		6.3			
26.0	8.1		7.5		6.8		6.0		5.6	
28.0	7.6		7.1		6.5		5.8		5.4	
30.0	7.2		6.8		6.2		5.6		5.2	
32.0	6.7		6.5		5.9		5.3		4.9	
34.0	6.3	3.7	6.2		5.6		5.1		4.7	
36.0	5.9	3.5	5.9	3.6	5.4		4.9		4.2	
38.0	5.4	3.2	5.6	3.4	5.2	3.5	4.6		3.8	
40.0	5.0	3.0	5.3	3.1	4.9	3.3	4.2	3.1	3.5	
42.0	4.6	2.8	5.0	2.9	4.7	3.1	3.8	2.8	3.1	2.1
44.0	4.3	2.6	4.7	2.7	4.4	2.9	3.5	2.6	2.8	1.9
46.0	4.0	2.4	4.3	2.6	4.0	2.7	3.2	2.4	2.5	1.7
48.0	3.7	2.3	4.0	2.4	3.6	2.5	2.8	2.1	2.2	1.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4	2.5	1.9	2.0	
54.0	2.9	1.8	3.2	1.9	2.7	2.1	2.0	1.5	1.5	
58.0	2.5	1.6	2.8	1.7	2.2	1.8	1.5			
62.0	2.1		2.4	1.5	1.8	1.6				
66.0	1.8		2.1							
70.0	1.5		1.8							
74.0			1.5							
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	54 to 84.5	65 to 84.5	60 to 84.5	72 to 84.5	64 to 84.5	77 to 84.5
Standard hook block	12.2t									
Hook block weight	440kg									
Standard number of parts of line	1									

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	27.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	26.1	25.4	25.0	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	24.6	24.0	23.7	21.3	20.8	20.6	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	23.3	22.8	22.5	20.0	19.7	19.5	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	21.0	21.3	21.5	19.0	18.6	18.5	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	18.6	18.9	19.0	18.0	17.7	17.6	14.5	14.1	13.9	12.5	12.2	12.1	11.8	11.5	11.4
32.0	16.5	16.8	16.8	16.8	16.9	16.8	13.9	13.6	13.4	11.9	11.7	11.5	11.2	11.0	10.9
34.0	14.8	14.9	15.0	15.0	15.2	15.3	13.3	13.0	12.9	11.4	11.2	11.0	10.7	10.5	10.4
36.0	13.2	13.3		13.5	13.6	13.7	12.8	12.6	12.4	10.9	10.7	10.6	10.3	10.1	10.0
38.0	11.7	11.9		12.1	12.2	12.3	12.4	12.1	12.0	10.5	10.3	10.2	9.8	9.7	9.6
40.0	10.4	10.4		10.7	10.8		11.4	11.5	11.6	10.1	9.9	9.9	9.5	9.3	9.2
42.0	9.1			9.4	9.6		10.1	10.3	10.3	9.7	9.6	9.5	9.1	9.0	8.9
44.0	5.6			8.3	8.4		9.0	9.1		9.4	9.3	9.2	8.8	8.7	8.6
46.0				7.4	7.4		8.0	8.1		8.6	8.7	8.7	8.5	8.4	8.3
48.0				6.5			7.1	7.1		7.6	7.8		7.7	7.8	7.8
50.0							6.2	6.3		6.8	6.9		6.8	6.9	
54.0							4.1			5.3	5.4		5.3	5.4	
58.0										4.1			4.0	4.1	
62.0													3.0		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	21.6	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	20.3	18.9	18.1	17.9	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	19.2	18.0	17.2	17.0	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	18.2	17.1	16.4	16.1	14.9	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	17.3	16.3	15.7	15.2	14.2	13.5	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	15.5	15.6	15.1	14.5	13.7	13.1	11.2	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	13.9	14.6	14.5	13.8	13.2	12.6	10.7	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	12.5	13.2	13.6	12.7	12.7	12.2	10.3	9.6	9.3	9.0	8.5	8.2	8.4	8.0	7.7
40.0	11.2	11.8	12.2	11.4	12.1	11.8	9.9	9.3	8.9	8.6	8.1	7.9	8.0	7.7	7.4
42.0	10.0	10.6	10.9	10.2	10.9	11.2	9.5	8.9	8.6	8.2	7.8	7.6	7.7	7.3	7.1
44.0	8.9	9.4		9.1	9.7	10.1	9.1	8.6	8.4	7.9	7.5	7.3	7.4	7.1	6.9
46.0	7.9	8.3		8.1	8.6	8.9	8.4	8.4	8.1	7.6	7.3	7.1	7.1	6.8	6.6
48.0	7.0	7.3		7.1	7.6		7.5	8.0	7.9	7.3	7.0	6.8	6.8	6.6	6.4
50.0	6.2			6.3	6.7		6.6	7.1	7.4	7.1	6.8	6.6	6.5	6.3	6.2
54.0				4.9	5.1		5.2	5.5		5.6	6.0	6.2	5.4	5.6	5.6
58.0							4.0	4.2		4.3	4.6		4.1	4.5	
62.0							2.0			3.2	3.4		3.0	3.3	
66.0										2.3			2.1	2.3	
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	0 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	25 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	18.6	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	17.6	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	16.6	15.3	12.7	14.4	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	15.7	14.6	12.4	13.6	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	15.0	13.9	12.2	13.0	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	14.3	13.3	12.0	12.4	11.3	10.6	9.6	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	13.0	12.8	11.8	11.9	10.9	10.3	9.2	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	11.7	12.3	11.7	11.4	10.5	9.9	8.8	8.1	7.7	7.6	7.1	6.7	7.2	6.7	6.4
42.0	10.5	11.5	11.4	10.5	10.1	9.6	8.4	7.8	7.4	7.3	6.8	6.5	6.9	6.4	6.2
44.0	9.4	10.4	10.9	9.4	9.8	9.3	8.0	7.5	7.1	7.0	6.5	6.3	6.5	6.2	6.0
46.0	8.4	9.2	9.8	8.4	9.3	9.1	7.7	7.2	6.9	6.7	6.3	6.1	6.3	5.9	5.7
48.0	7.5	8.2	8.6	7.4	8.3	8.8	7.5	7.0	6.7	6.4	6.0	5.9	5.9	5.6	5.5
50.0	6.6	7.3		6.6	7.4	7.8	7.0	6.7	6.5	6.2	5.8	5.6	5.5	5.3	5.3
54.0	5.2	5.6		5.1	5.7		5.5	6.1	6.1	5.7	5.4	5.3	4.8	4.7	4.7
58.0				3.9	4.3		4.2	4.7		4.4	5.0	5.0	4.2	4.1	4.2
62.0				2.9			3.1	3.5		3.3	3.8		3.1	3.6	3.7
66.0							2.2			2.4	2.7		2.1	2.6	
70.0										1.6	1.7			1.6	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	34 to 83	33 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	15.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	14.5	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	13.9	10.3	8.3	11.8	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	13.2	9.9	8.1	11.2	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	12.6	9.6	7.9	10.7	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	12.0	9.2	7.7	10.2	9.2	7.9	7.8	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	11.0	8.9	7.6	9.8	8.9	7.7	7.5	6.8	6.2	6.5	5.9	5.4	6.1	5.6	5.1
44.0	9.8	8.6	7.5	9.4	8.6	7.6	7.1	6.5	6.0	6.2	5.7	5.2	5.8	5.4	4.9
46.0	8.8	8.4	7.4	8.7	8.3	7.5	6.8	6.3	5.8	5.9	5.5	5.0	5.4	5.1	4.7
48.0	7.9	8.1	7.3	7.8	8.0	7.4	6.6	6.0	5.7	5.7	5.3	4.9	5.0	4.8	4.5
50.0	7.0	7.9	7.2	6.9	7.7	7.3	6.3	5.8	5.5	5.4	5.1	4.7	4.6	4.4	4.3
54.0	5.5	6.3	6.7	5.4	6.4	6.9	5.6	5.4	5.2	4.8	4.6	4.4	4.0	3.9	3.9
58.0	4.3	4.8		4.1	4.9	5.3	4.3	5.1	4.9	4.3	4.1	4.0	3.4	3.4	3.4
62.0	3.2			3.1	3.6		3.2	3.9	4.2	3.3	3.7	3.6	2.9	2.9	3.0
66.0				2.1	2.4		2.3	2.8		2.4	3.0	3.3	2.1	2.5	2.6
70.0								1.8		1.5	2.0			1.9	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	29 to 83	27 to 84.5	45 to 84.5	30 to 83	36 to 84.5	45 to 84.5	41 to 83	42 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.4	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	10.7	7.6	5.9	10.2	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	10.0	7.2	5.7	9.7	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	9.5	6.9	5.5	9.2	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	8.9	6.7	5.4	8.8	7.0	5.5	6.7	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	8.5	6.4	5.3	8.4	6.7	5.4	6.4	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	8.0	6.2	5.1	8.1	6.5	5.2	6.1	5.4	4.8	5.4	4.8	4.3	4.6	4.1	3.6
48.0	7.6	6.0	5.0	7.7	6.3	5.1	5.8	5.2	4.7	5.1	4.6	4.2	4.2	3.9	3.4
50.0	7.2	5.8	5.0	7.0	6.1	5.0	5.5	5.1	4.6	4.7	4.4	4.1	3.9	3.6	3.3
54.0	5.7	5.4	4.8	5.5	5.7	4.9	4.9	4.5	4.3	4.1	3.9	3.8	3.3	3.2	3.0
58.0	4.4	5.1	4.8	4.2	5.3	4.8	4.3	4.1	3.9	3.6	3.4	3.3	2.8	2.7	2.7
62.0	3.3	4.0		3.1	4.0	4.5	3.2	3.7	3.5	3.2	3.0	2.9	2.3	2.3	2.4
66.0	2.4	2.8		2.2	2.8		2.2	3.0	3.2	2.5	2.6	2.6	1.9	1.9	2.0
70.0					1.8			2.0		1.6	2.3	2.3		1.6	1.7
74.0											1.5				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	31 to 83	31 to 84.5	49 to 84.5	37 to 83	39 to 84.5	49 to 84.5	38 to 83	40 to 84.5	49 to 84.5	46 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.8	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.9	5.5	4.2	8.4	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.0	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	5.7	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	5.4	4.7	4.0	4.5	4.0	3.5	3.7	3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	5.1	4.5	3.9	4.1	3.8	3.3	3.4	3.0	2.6
54.0	5.3	4.1	3.4	5.7	4.3	3.5	4.5	4.1	3.7	3.6	3.4	3.0	2.8	2.6	2.3
58.0	4.7	3.8	3.3	4.4	4.0	3.3	3.9	3.6	3.4	3.0	2.9	2.7	2.3	2.3	2.0
62.0	3.5	3.6	3.2	3.3	3.8	3.2	3.5	3.2	3.0	2.6	2.5	2.4	1.9	1.9	1.8
66.0	2.6	3.4	3.2	2.4	3.4	3.2	2.6	2.8	2.7	2.2	2.1	2.1	1.5	1.6	1.6
70.0	1.8	2.4		1.5	2.3	2.8	1.7	2.5	2.4	1.7	1.8	1.8			
74.0								1.7	2.1		1.5	1.5			
θ (°)	25 to 83	34 to 84.5	46 to 84.5	33 to 83	42 to 84.5	47 to 84.5	39 to 83	42 to 84.5	47 to 84.5	43 to 83	48 to 84.5	53 to 84.5	50 to 83	58 to 84.5	63 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	6.1	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	4.4	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	4.1	3.5	2.4	3.2	2.7	2.3	2.6	2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	3.5	3.1	2.3	2.6	2.4	2.0	2.1	1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.0	2.7	2.1	2.1	2.0	1.7	1.6		
62.0	3.2	2.3	1.8	3.3	2.5	1.9	2.5	2.3	2.0	1.7	1.6				
66.0	2.5	2.1	1.7	2.3	2.3	1.8	2.1	1.9	1.8						
70.0	1.7	1.9	1.7	1.5	2.1	1.7		1.6	1.5						
74.0		1.6			1.6	1.7									
θ (°)	34 to 83	38 to 84.5	51 to 84.5	39 to 83	44 to 84.5	51 to 84.5	47 to 83	54 to 84.5	60 to 84.5	54 to 83	63 to 84.5	73 to 84.5	59 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5		55.6		60.0	
Load radius	Offset		Offset		Offset		Offset		Offset	
(m)	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°
16.0	10.7									
18.0	10.1		9.3							
20.0	9.6		8.8		7.8					
22.0	9.0		8.3		7.5		6.5			
24.0	8.5		7.9		7.1		6.3			
26.0	8.1		7.5		6.8		6.0		5.6	
28.0	7.6		7.1		6.5		5.8		5.4	
30.0	7.2		6.8		6.2		5.6		5.2	
32.0	6.7		6.5		5.9		5.3		4.9	
34.0	6.3	3.7	6.2		5.6		5.1		4.7	
36.0	5.9	3.5	5.9	3.6	5.4		4.9		4.2	
38.0	5.4	3.2	5.6	3.4	5.2	3.5	4.6		3.8	
40.0	5.0	3.0	5.3	3.1	4.9	3.3	4.2	3.1	3.5	
42.0	4.6	2.8	5.0	2.9	4.7	3.1	3.8	2.8	3.1	2.1
44.0	4.3	2.6	4.7	2.7	4.4	2.9	3.5	2.6	2.8	1.9
46.0	4.0	2.4	4.3	2.6	4.0	2.7	3.2	2.4	2.5	1.7
48.0	3.7	2.3	4.0	2.4	3.6	2.5	2.8	2.1	2.2	1.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4	2.5	1.9	2.0	
54.0	2.9	1.8	3.2	1.9	2.7	2.1	2.0	1.5	1.5	
58.0	2.5	1.6	2.8	1.7	2.2	1.8	1.5			
62.0	2.1		2.4	1.5	1.8	1.6				
66.0	1.8		2.1							
70.0	1.5									
θ (°)	40 to 84.5	62 to 84.5	48 to 84.5	62 to 84.5	54 to 84.5	65 to 84.5	60 to 84.5	72 to 84.5	64 to 84.5	77 to 84.5
Standard hook block	12.2t									
Hook block weight	440kg									
Standard number of parts of line	1									

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	27.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	26.1	25.4	25.0	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	24.6	24.0	23.7	21.3	20.8	20.6	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	22.5	22.8	22.5	20.0	19.7	19.5	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	19.8	20.1	20.2	19.0	18.6	18.5	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	17.4	17.7	17.8	17.7	17.7	17.6	14.5	14.1	13.9	12.5	12.2	12.1	11.8	11.5	11.4
32.0	15.4	15.6	15.7	15.7	15.9	16.1	13.9	13.6	13.4	11.9	11.7	11.5	11.2	11.0	10.9
34.0	13.7	13.9	13.9	14.0	14.2	14.3	13.3	13.0	12.9	11.4	11.2	11.0	10.7	10.5	10.4
36.0	12.2	12.3		12.5	12.6	12.7	12.8	12.6	12.4	10.9	10.7	10.6	10.3	10.1	10.0
38.0	10.7	10.8		11.0	11.2	11.2	11.7	11.8	11.9	10.5	10.3	10.2	9.8	9.7	9.6
40.0	9.3	9.4		9.7	9.8		10.4	10.6	10.6	10.1	9.9	9.9	9.5	9.3	9.2
42.0	8.2			8.5	8.6		9.2	9.3	9.4	9.7	9.6	9.5	9.1	9.0	8.9
44.0	5.6			7.4	7.5		8.1	8.2		8.7	8.9	8.9	8.7	8.7	8.6
46.0				6.5	6.5		7.1	7.2		7.7	7.9	7.9	7.8	7.9	8.0
48.0				5.7			6.3	6.3		6.8	6.9		6.9	7.0	7.0
50.0							5.5	5.5		6.0	6.1		6.0	6.2	
54.0							4.1			4.6	4.7		4.6	4.7	
58.0										3.5			3.4	3.4	
62.0													2.4		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	21.6	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	20.3	18.9	18.1	17.9	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	19.2	18.0	17.2	17.0	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	18.2	17.1	16.4	16.1	14.9	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	16.2	16.3	15.7	15.2	14.2	13.5	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	14.4	15.2	15.1	14.5	13.7	13.1	11.2	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	12.9	13.6	14.1	13.1	13.2	12.6	10.7	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	11.6	12.2	12.6	11.7	12.4	12.2	10.3	9.6	9.3	9.0	8.5	8.2	8.4	8.0	7.7
40.0	10.2	10.9	11.3	10.4	11.2	11.6	9.9	9.3	8.9	8.6	8.1	7.9	8.0	7.7	7.4
42.0	9.0	9.7	10.0	9.2	10.0	10.4	9.5	8.9	8.6	8.2	7.8	7.6	7.7	7.3	7.1
44.0	8.0	8.5		8.2	8.8	9.1	8.5	8.6	8.4	7.9	7.5	7.3	7.4	7.1	6.9
46.0	7.0	7.5		7.2	7.7	8.0	7.6	8.2	8.1	7.6	7.3	7.1	7.1	6.8	6.6
48.0	6.2	6.5		6.3	6.8		6.7	7.2	7.5	7.1	7.0	6.8	6.8	6.6	6.4
50.0	5.4			5.5	5.9		5.9	6.4	6.6	6.3	6.8	6.6	6.1	6.3	6.2
54.0				4.1	4.4		4.5	4.8		4.9	5.3	5.5	4.7	5.2	5.4
58.0							3.3	3.5		3.7	4.0		3.5	3.9	
62.0							2.0			2.6	2.8		2.4	2.7	
66.0										1.8			1.6	1.8	
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	0 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	25 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.0m

Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	18.6	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	17.6	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	16.6	15.3	12.7	14.4	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	15.7	14.6	12.4	13.6	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	14.9	13.9	12.2	13.0	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	13.4	13.3	12.0	12.4	11.3	10.6	9.6	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	12.0	12.8	11.8	11.9	10.9	10.3	9.2	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	10.8	11.8	11.7	10.8	10.5	9.9	8.8	8.1	7.7	7.6	7.1	6.7	7.2	6.7	6.4
42.0	9.6	10.6	11.2	9.6	10.1	9.6	8.4	7.8	7.4	7.3	6.8	6.5	6.9	6.4	6.2
44.0	8.5	9.5	10.0	8.5	9.6	9.3	8.0	7.5	7.1	7.0	6.5	6.3	6.5	6.2	6.0
46.0	7.5	8.4	8.9	7.5	8.5	9.1	7.7	7.2	6.9	6.7	6.3	6.1	6.3	5.9	5.7
48.0	6.6	7.4	7.8	6.6	7.5	8.0	7.0	7.0	6.7	6.4	6.0	5.9	5.9	5.6	5.5
50.0	5.8	6.5		5.8	6.6	7.0	6.2	6.7	6.5	6.2	5.8	5.6	5.5	5.3	5.3
54.0	4.5	4.8		4.4	5.0		4.7	5.4	5.8	4.9	5.4	5.3	4.7	4.7	4.7
58.0				3.2	3.6		3.5	4.0		3.7	4.3	4.7	3.5	4.1	4.2
62.0				2.3			2.5	2.9		2.7	3.2		2.5	3.0	3.3
66.0							1.6			1.8	2.1		1.6	2.0	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	28 to 83	32 to 84.5	47 to 84.5	34 to 83	39 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 78t, outrigger extension width 8.0m

Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	15.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	14.5	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	13.9	10.3	8.3	11.8	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	13.2	9.9	8.1	11.2	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	12.4	9.6	7.9	10.7	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	11.2	9.2	7.7	10.2	9.2	7.9	7.8	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	10.0	8.9	7.6	9.8	8.9	7.7	7.5	6.8	6.2	6.5	5.9	5.4	6.1	5.6	5.1
44.0	8.9	8.6	7.5	8.9	8.6	7.6	7.1	6.5	6.0	6.2	5.7	5.2	5.8	5.4	4.9
46.0	8.0	8.4	7.4	7.9	8.3	7.5	6.8	6.3	5.8	5.9	5.5	5.0	5.4	5.1	4.7
48.0	7.1	8.1	7.3	7.0	8.0	7.4	6.6	6.0	5.7	5.7	5.3	4.9	5.0	4.8	4.5
50.0	6.2	7.2	7.2	6.1	7.3	7.3	6.3	5.8	5.5	5.4	5.1	4.7	4.6	4.4	4.3
54.0	4.8	5.6	6.0	4.7	5.6	6.2	4.9	5.4	5.2	4.8	4.6	4.4	4.0	3.9	3.9
58.0	3.6	4.1		3.5	4.2	4.6	3.6	4.5	4.9	3.8	4.1	4.0	3.4	3.4	3.4
62.0	2.6			2.5	3.0		2.6	3.3	3.6	2.7	3.5	3.6	2.5	2.9	3.0
66.0				1.6	1.9		1.7	2.2		1.8	2.4	2.7	1.5	2.3	2.6
70.0											1.5				
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	29 to 83	35 to 84.5	45 to 84.5	36 to 83	36 to 84.5	45 to 84.5	41 to 83	47 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.4	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	10.7	7.6	5.9	10.2	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	10.0	7.2	5.7	9.7	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	9.5	6.9	5.5	9.2	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	8.9	6.7	5.4	8.8	7.0	5.5	6.7	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	8.5	6.4	5.3	8.4	6.7	5.4	6.4	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	8.0	6.2	5.1	8.0	6.5	5.2	6.1	5.4	4.8	5.4	4.8	4.3	4.6	4.1	3.6
48.0	7.2	6.0	5.0	7.1	6.3	5.1	5.8	5.2	4.7	5.1	4.6	4.2	4.2	3.9	3.4
50.0	6.4	5.8	5.0	6.2	6.1	5.0	5.5	5.1	4.6	4.7	4.4	4.1	3.9	3.6	3.3
54.0	4.9	5.4	4.8	4.8	5.7	4.9	4.9	4.5	4.3	4.1	3.9	3.8	3.3	3.2	3.0
58.0	3.7	4.6	4.8	3.6	4.6	4.8	3.6	4.1	3.9	3.6	3.4	3.3	2.8	2.7	2.7
62.0	2.7	3.4		2.5	3.4	3.9	2.6	3.5	3.5	2.8	3.0	2.9	2.3	2.3	2.4
66.0	1.8	2.2		1.6	2.3		1.7	2.5	3.0	1.9	2.6	2.6	1.7	1.9	2.0
70.0								1.5			1.8	2.3		1.6	1.7
θ (°)	21 to 83	29 to 84.5	49 to 84.5	31 to 83	39 to 84.5	49 to 84.5	37 to 83	39 to 84.5	49 to 84.5	42 to 83	45 to 84.5	49 to 84.5	46 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.8	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.9	5.5	4.2	8.4	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.0	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	5.7	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	5.4	4.7	4.0	4.5	4.0	3.5	3.7	3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	5.1	4.5	3.9	4.1	3.8	3.3	3.4	3.0	2.6
54.0	5.2	4.1	3.4	5.0	4.3	3.5	4.5	4.1	3.7	3.6	3.4	3.0	2.8	2.6	2.3
58.0	4.0	3.8	3.3	3.8	4.0	3.3	3.9	3.6	3.4	3.0	2.9	2.7	2.3	2.3	2.0
62.0	2.9	3.6	3.2	2.7	3.8	3.2	2.9	3.2	3.0	2.6	2.5	2.4	1.9	1.9	1.8
66.0	2.0	2.8	3.2	1.8	2.8	3.2	2.0	2.8	2.7	2.0	2.1	2.1	1.5	1.6	1.6
70.0		1.8			1.8	2.3		2.1	2.4		1.8	1.8			
74.0									1.6			1.5			
θ (°)	32 to 83	34 to 84.5	46 to 84.5	38 to 83	42 to 84.5	47 to 84.5	43 to 83	47 to 84.5	47 to 84.5	47 to 83	52 to 84.5	53 to 84.5	50 to 83	58 to 84.5	63 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	6.1	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	4.4	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	4.1	3.5	2.4	3.2	2.7	2.3	2.6	2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	3.5	3.1	2.3	2.6	2.4	2.0	2.1	1.7	
58.0	3.6	2.6	2.0	3.8	2.8	2.0	3.0	2.7	2.1	2.1	2.0	1.7	1.6		
62.0	2.9	2.3	1.8	2.7	2.5	1.9	2.5	2.3	2.0	1.7	1.6				
66.0	2.0	2.1	1.7	1.7	2.3	1.8	1.7	1.9	1.8						
70.0		1.9	1.7		2.0	1.7		1.6	1.5						
74.0						1.7									
θ (°)	39 to 83	44 to 84.5	51 to 84.5	44 to 83	49 to 84.5	51 to 84.5	47 to 83	54 to 84.5	60 to 84.5	54 to 83	63 to 84.5	73 to 84.5	59 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5		55.6		60.0	
Load radius	Offset		Offset		Offset		Offset		Offset	
(m)	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°
16.0	10.7									
18.0	10.1		9.3							
20.0	9.6		8.8		7.8					
22.0	9.0		8.3		7.5		6.5			
24.0	8.5		7.9		7.1		6.3			
26.0	8.1		7.5		6.8		6.0		5.6	
28.0	7.6		7.1		6.5		5.8		5.4	
30.0	7.2		6.8		6.2		5.6		5.2	
32.0	6.7		6.5		5.9		5.3		4.9	
34.0	6.3	3.7	6.2		5.6		5.1		4.7	
36.0	5.9	3.5	5.9	3.6	5.4		4.9		4.2	
38.0	5.4	3.2	5.6	3.4	5.2	3.5	4.6		3.8	
40.0	5.0	3.0	5.3	3.1	4.9	3.3	4.2	3.1	3.5	
42.0	4.6	2.8	5.0	2.9	4.7	3.1	3.8	2.8	3.1	2.1
44.0	4.3	2.6	4.7	2.7	4.4	2.9	3.5	2.6	2.8	1.9
46.0	4.0	2.4	4.3	2.6	4.0	2.7	3.2	2.4	2.5	1.7
48.0	3.7	2.3	4.0	2.4	3.6	2.5	2.8	2.1	2.2	1.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4	2.5	1.9	2.0	
54.0	2.9	1.8	3.2	1.9	2.7	2.1	2.0	1.5	1.5	
58.0	2.5	1.6	2.8	1.7	2.2	1.8	1.5			
62.0	2.1		2.4	1.5	1.8	1.6				
66.0	1.8		1.7							
θ (°)	44 to 84.5	62 to 84.5	48 to 84.5	62 to 84.5	54 to 84.5	65 to 84.5	60 to 84.5	72 to 84.5	64 to 84.5	77 to 84.5
Standard hook block	12.2t									
Hook block weight	440kg									
Standard number of parts of line	1									

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	27.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	25.2	25.4	25.0	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	21.7	22.1	22.3	21.3	20.8	20.6	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	18.8	19.1	19.3	19.1	19.4	19.5	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	16.4	16.7	16.8	16.7	17.0	17.2	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	14.4	14.6	14.7	14.6	14.9	15.1	14.5	14.1	13.9	12.5	12.2	12.1	11.8	11.5	11.4
32.0	12.6	12.8	12.9	12.9	13.1	13.2	13.5	13.6	13.4	11.9	11.7	11.5	11.2	11.0	10.9
34.0	10.9	11.1	11.2	11.3	11.5	11.7	11.9	12.2	12.3	11.4	11.2	11.0	10.7	10.5	10.4
36.0	9.4	9.6		9.8	10.0	10.1	10.5	10.7	10.9	10.9	10.7	10.6	10.3	10.1	10.0
38.0	8.1	8.3		8.5	8.7	8.7	9.2	9.4	9.5	9.8	10.0	10.1	9.8	9.7	9.6
40.0	7.0	7.1		7.3	7.4		8.0	8.2	8.2	8.6	8.8	8.9	8.7	8.9	9.0
42.0	6.0			6.3	6.4		6.9	7.1	7.1	7.5	7.7	7.8	7.6	7.8	7.9
44.0	5.1			5.3	5.4		6.0	6.1		6.6	6.7	6.8	6.6	6.8	6.9
46.0				4.5	4.5		5.1	5.2		5.7	5.8	5.9	5.7	5.9	5.9
48.0				3.8			4.4	4.4		4.9	5.0		4.9	5.1	5.1
50.0							3.7	3.7		4.2	4.3		4.2	4.3	
54.0							2.5			3.0	3.0		2.9	3.0	
58.0										1.9			1.9	1.9	
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	27 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	21.6	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	19.5	18.9	18.1	17.9	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	17.1	18.0	17.2	17.0	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	15.1	16.1	16.4	15.3	14.9	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	13.3	14.2	14.9	13.5	14.2	13.5	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	11.8	12.6	13.2	12.0	12.8	13.1	11.2	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	10.3	11.2	11.7	10.5	11.4	12.0	10.7	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	9.0	9.8	10.3	9.2	10.1	10.6	9.6	9.6	9.3	9.0	8.5	8.2	8.4	8.0	7.7
40.0	7.8	8.5	8.9	8.0	8.8	9.3	8.4	9.2	8.9	8.6	8.1	7.9	8.0	7.7	7.4
42.0	6.8	7.4	7.7	7.0	7.7	8.1	7.3	8.1	8.6	7.8	7.8	7.6	7.6	7.3	7.1
44.0	5.8	6.4		6.0	6.6	7.0	6.4	7.1	7.5	6.8	7.5	7.3	6.7	7.1	6.9
46.0	5.0	5.4		5.2	5.7	6.0	5.5	6.1	6.5	6.0	6.6	7.0	5.8	6.5	6.6
48.0	4.3	4.6		4.4	4.9		4.7	5.3	5.6	5.2	5.8	6.1	5.0	5.6	6.1
50.0	3.6			3.7	4.1		4.0	4.5	4.7	4.5	5.0	5.3	4.3	4.9	5.2
54.0				2.5	2.7		2.8	3.1		3.2	3.6	3.8	3.0	3.5	3.8
58.0							1.8	2.0		2.1	2.4		1.9	2.3	
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	22 to 83	26 to 84.5	43 to 84.5	32 to 83	36 to 84.5	43 to 84.5	38 to 83	41 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	18.6	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	17.6	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	15.6	15.3	12.7	14.4	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	13.8	14.6	12.4	13.6	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	12.3	13.5	12.2	12.3	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	10.9	12.1	12.0	10.9	11.3	10.6	9.6	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	9.6	10.8	11.5	9.6	10.8	10.3	9.2	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	8.4	9.6	10.3	8.4	9.6	9.9	8.8	8.1	7.7	7.6	7.1	6.7	7.2	6.7	6.4
42.0	7.3	8.4	9.1	7.3	8.4	9.3	7.7	7.8	7.4	7.3	6.8	6.5	6.9	6.4	6.2
44.0	6.3	7.3	7.9	6.3	7.4	8.1	6.7	7.5	7.1	6.9	6.5	6.3	6.5	6.2	6.0
46.0	5.5	6.3	6.8	5.5	6.4	7.0	5.8	6.8	6.9	6.1	6.3	6.1	5.9	5.9	5.7
48.0	4.7	5.4	5.8	4.7	5.5	6.1	5.0	6.0	6.6	5.3	6.0	5.9	5.1	5.6	5.5
50.0	4.0	4.6		4.0	4.7	5.2	4.3	5.1	5.7	4.5	5.4	5.6	4.3	5.3	5.3
54.0	2.8	3.2		2.7	3.3		3.1	3.7	4.1	3.3	4.0	4.5	3.1	3.8	4.4
58.0				1.7	2.1		2.0	2.5		2.2	2.8	3.1	2.0	2.6	3.0
62.0											1.7			1.6	1.9
θ (°)	23 to 83	28 to 84.5	44 to 84.5	25 to 83	30 to 84.5	48 to 84.5	34 to 83	38 to 84.5	47 to 84.5	40 to 83	39 to 84.5	47 to 84.5	44 to 83	44 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	15.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	14.2	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	12.7	10.3	8.3	11.8	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	11.3	9.9	8.1	11.2	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	10.0	9.6	7.9	9.9	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	8.8	9.2	7.7	8.7	9.2	7.9	7.8	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	7.7	8.9	7.6	7.7	8.9	7.7	7.5	6.8	6.2	6.5	5.9	5.4	6.1	5.6	5.1
44.0	6.8	8.1	7.5	6.7	8.1	7.6	6.9	6.5	6.0	6.2	5.7	5.2	5.8	5.4	4.9
46.0	5.9	7.1	7.4	5.8	7.1	7.5	6.0	6.3	5.8	5.9	5.5	5.0	5.4	5.1	4.7
48.0	5.1	6.2	7.0	5.0	6.2	7.1	5.2	6.0	5.7	5.3	5.3	4.9	5.0	4.8	4.5
50.0	4.4	5.4	6.1	4.3	5.4	6.2	4.4	5.6	5.5	4.6	5.1	4.7	4.3	4.4	4.3
54.0	3.1	3.9	4.3	3.0	3.9	4.5	3.2	4.2	4.8	3.3	4.3	4.4	3.1	3.9	3.9
58.0	2.0	2.6		1.9	2.7	3.0	2.1	2.9	3.4	2.2	3.1	3.7	2.0	2.9	3.4
62.0					1.5			1.8	2.1		2.0	2.5		1.8	2.4
θ (°)	27 to 83	33 to 84.5	45 to 84.5	35 to 83	35 to 84.5	45 to 84.5	41 to 83	42 to 84.5	45 to 84.5	45 to 83	47 to 84.5	51 to 84.5	49 to 83	51 to 84.5	55 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.4	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	10.7	7.6	5.9	10.2	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	10.0	7.2	5.7	9.7	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	9.0	6.9	5.5	8.9	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	7.9	6.7	5.4	7.8	7.0	5.5	6.7	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	6.9	6.4	5.3	6.8	6.7	5.4	6.4	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	6.1	6.2	5.1	5.9	6.5	5.2	6.0	5.4	4.8	5.4	4.8	4.3	4.6	4.1	3.6
48.0	5.3	6.0	5.0	5.1	6.3	5.1	5.2	5.2	4.7	5.1	4.6	4.2	4.2	3.9	3.4
50.0	4.5	5.8	5.0	4.4	5.8	5.0	4.5	5.1	4.6	4.7	4.4	4.1	3.9	3.6	3.3
54.0	3.2	4.4	4.8	3.1	4.3	4.9	3.2	4.5	4.3	3.5	3.9	3.8	3.2	3.2	3.0
58.0	2.2	3.1	3.7	2.0	3.0	3.8	2.1	3.2	3.9	2.3	3.4	3.3	2.1	2.7	2.7
62.0		1.9			1.9	2.5		2.1	2.8		2.4	2.9		2.2	2.4
66.0									1.6			2.0			1.9
θ (°)	36 to 83	38 to 84.5	49 to 84.5	42 to 83	45 to 84.5	49 to 84.5	46 to 83	49 to 84.5	49 to 84.5	50 to 83	54 to 84.5	54 to 84.5	53 to 83	57 to 84.5	57 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.8	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.9	5.5	4.2	8.4	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	7.0	5.0	3.9	7.0	5.3	4.0	6.0	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	6.3	4.8	3.8	6.1	5.0	3.9	5.7	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	5.5	4.6	3.7	5.3	4.8	3.7	5.4	4.7	4.0	4.5	4.0	3.5	3.7	3.2	2.7
50.0	4.8	4.4	3.6	4.6	4.7	3.7	4.9	4.5	3.9	4.1	3.8	3.3	3.4	3.0	2.6
54.0	3.5	4.1	3.4	3.3	4.3	3.5	3.6	4.1	3.7	3.6	3.4	3.0	2.8	2.6	2.3
58.0	2.4	3.6	3.3	2.2	3.6	3.3	2.4	3.6	3.4	2.5	2.9	2.7	2.2	2.3	2.0
62.0	1.5	2.5	3.2		2.4	3.2	1.5	2.7	3.0		2.5	2.4		1.9	1.8
66.0		1.5	2.0			2.1		1.7	2.5		1.8	2.1			1.6
θ (°)	37 to 83	41 to 84.5	46 to 84.5	47 to 83	52 to 84.5	53 to 84.5	47 to 83	52 to 84.5	58 to 84.5	54 to 83	56 to 84.5	61 to 84.5	56 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	6.1	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	4.4	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	4.6	3.2	2.3	4.6	3.4	2.4	4.1	3.5	2.4	3.2	2.7	2.3	2.6	2.1	1.7
54.0	3.5	2.9	2.1	3.3	3.1	2.2	3.3	3.1	2.3	2.6	2.4	2.0	2.1	1.7	
58.0	2.4	2.6	2.0	2.2	2.8	2.0	2.2	2.7	2.1		2.0	1.7			
62.0		2.3	1.8		2.5	1.9		2.3	2.0		1.6				
66.0		1.7	1.7		1.6	1.8			1.8						
θ (°)	47 to 83	49 to 84.5	56 to 84.5	51 to 83	53 to 84.5	61 to 84.5	54 to 83	61 to 84.5	64 to 84.5	60 to 83	63 to 84.5	73 to 84.5	62 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5		55.6		60.0	
Load radius	Offset		Offset		Offset		Offset		Offset	
(m)	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°
16.0	10.7									
18.0	10.1		9.3							
20.0	9.6		8.8		7.8					
22.0	9.0		8.3		7.5		6.5			
24.0	8.5		7.9		7.1		6.3			
26.0	8.1		7.5		6.8		6.0		5.6	
28.0	7.6		7.1		6.5		5.8		5.4	
30.0	7.2		6.8		6.2		5.6		5.2	
32.0	6.7		6.5		5.9		5.3		4.9	
34.0	6.3	3.7	6.2		5.6		5.1		4.7	
36.0	5.9	3.5	5.9	3.6	5.4		4.9		4.2	
38.0	5.4	3.2	5.6	3.4	5.2	3.5	4.6		3.8	
40.0	5.0	3.0	5.3	3.1	4.9	3.3	4.2	3.1	3.5	
42.0	4.6	2.8	5.0	2.9	4.7	3.1	3.8	2.8	3.1	2.1
44.0	4.3	2.6	4.7	2.7	4.4	2.9	3.5	2.6	2.8	1.9
46.0	4.0	2.4	4.3	2.6	4.0	2.7	3.2	2.4	2.5	1.7
48.0	3.7	2.3	4.0	2.4	3.6	2.5	2.8	2.1	2.2	1.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4	2.5	1.9	2.0	
54.0	2.9	1.8	3.2	1.9	2.7	2.1	2.0	1.5		
58.0	2.4	1.6	2.1	1.7		1.8				
62.0				1.5		1.6				
θ (°)	51 to 84.5	62 to 84.5	54 to 84.5	62 to 84.5	60 to 84.5	65 to 84.5	62 to 84.5	72 to 84.5	66 to 84.5	77 to 84.5
Standard hook block	12.2t									
Hook block weight	440kg									
Standard number of parts of line	1									

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	27.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	24.4	24.9	25.0	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	20.9	21.3	21.5	21.2	20.8	20.6	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	17.9	18.3	18.5	18.2	18.6	18.8	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	15.5	15.8	16.0	15.8	16.1	16.3	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	13.5	13.7	13.9	13.8	14.1	14.2	14.4	14.1	13.9	12.5	12.2	12.1	11.8	11.5	11.4
32.0	11.7	12.0	12.0	12.0	12.3	12.4	12.6	12.9	13.0	11.9	11.7	11.5	11.2	11.0	10.9
34.0	10.0	10.3	10.3	10.4	10.7	10.8	11.1	11.3	11.5	11.4	11.2	11.0	10.7	10.5	10.4
36.0	8.6	8.7		8.9	9.1	9.2	9.7	9.9	10.0	10.3	10.5	10.6	10.3	10.1	10.0
38.0	7.3	7.4		7.6	7.8	7.9	8.3	8.5	8.6	9.0	9.2	9.3	9.0	9.3	9.4
40.0	6.1	6.2		6.5	6.6		7.2	7.4	7.4	7.8	8.0	8.1	7.9	8.1	8.2
42.0	5.1			5.5	5.6		6.1	6.3	6.3	6.8	6.9	7.0	6.8	7.0	7.1
44.0	4.3			4.5	4.6		5.2	5.3		5.8	6.0	6.0	5.9	6.0	6.1
46.0				3.7	3.8		4.4	4.5		5.0	5.1	5.1	5.0	5.2	5.2
48.0				3.0			3.6	3.7		4.2	4.3		4.2	4.4	4.4
50.0							2.9	3.0		3.5	3.6		3.5	3.6	
54.0							1.8			2.3	2.3		2.3	2.4	
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	26 to 84.5	27 to 84.5	42 to 84.5	34 to 84.5	35 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	21.6	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	18.7	18.9	18.1	17.9	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	16.3	17.5	17.2	16.5	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	14.2	15.3	16.1	14.5	14.9	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	12.5	13.4	14.1	12.7	13.7	13.5	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	11.0	11.8	12.4	11.2	12.1	12.7	11.2	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	9.5	10.4	10.9	9.7	10.7	11.2	10.1	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	8.2	9.0	9.5	8.4	9.3	9.9	8.8	9.6	9.3	9.0	8.5	8.2	8.4	8.0	7.7
40.0	7.0	7.8	8.2	7.2	8.1	8.6	7.6	8.5	8.9	8.1	8.1	7.9	7.9	7.7	7.4
42.0	6.0	6.6	7.0	6.2	6.9	7.4	6.6	7.3	7.9	7.1	7.8	7.6	6.9	7.3	7.1
44.0	5.1	5.6		5.3	5.9	6.3	5.6	6.3	6.8	6.1	6.8	7.3	5.9	6.7	6.9
46.0	4.3	4.7		4.4	5.0	5.3	4.8	5.4	5.8	5.3	5.9	6.3	5.1	5.8	6.3
48.0	3.5	3.9		3.7	4.2		4.0	4.6	4.9	4.5	5.1	5.4	4.3	5.0	5.4
50.0	2.9			3.0	3.4		3.3	3.8	4.1	3.8	4.3	4.6	3.6	4.2	4.6
54.0				1.8	2.0		2.1	2.5		2.5	3.0	3.2	2.4	2.9	3.1
58.0										1.5	1.8			1.7	
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	31 to 83	35 to 84.5	43 to 84.5	32 to 83	36 to 84.5	43 to 84.5	43 to 83	41 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	18.6	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	16.9	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	14.8	15.3	12.7	14.4	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	13.0	14.5	12.4	13.0	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	11.5	12.8	12.2	11.5	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	10.1	11.3	12.0	10.1	11.3	10.6	9.6	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	8.8	10.1	10.9	8.8	10.1	10.3	9.2	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	7.6	8.8	9.6	7.6	8.9	9.7	8.0	8.1	7.7	7.6	7.1	6.7	7.2	6.7	6.4
42.0	6.6	7.7	8.4	6.6	7.7	8.6	7.0	7.8	7.4	7.2	6.8	6.5	6.9	6.4	6.2
44.0	5.6	6.6	7.2	5.6	6.7	7.4	6.0	7.1	7.1	6.2	6.5	6.3	6.0	6.2	6.0
46.0	4.8	5.6	6.2	4.8	5.7	6.4	5.1	6.2	6.9	5.4	6.3	6.1	5.2	5.9	5.7
48.0	4.0	4.8	5.2	4.0	4.9	5.4	4.4	5.3	5.9	4.6	5.6	5.9	4.4	5.4	5.5
50.0	3.3	4.0		3.3	4.1	4.5	3.7	4.5	5.0	3.9	4.8	5.4	3.7	4.6	5.3
54.0	2.1	2.5		2.1	2.7		2.4	3.1	3.5	2.6	3.4	3.8	2.4	3.2	3.8
58.0					1.5			1.9		1.6	2.2	2.5		2.0	2.5
θ (°)	23 to 83	28 to 84.5	44 to 84.5	33 to 83	30 to 84.5	48 to 84.5	40 to 83	38 to 84.5	47 to 84.5	40 to 83	44 to 84.5	47 to 84.5	48 to 83	49 to 84.5	52 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	15.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	13.5	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	11.9	10.3	8.3	11.8	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	10.6	9.9	8.1	10.5	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	9.3	9.6	7.9	9.2	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	8.1	9.2	7.7	8.0	9.2	7.9	7.8	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	7.0	8.6	7.6	6.9	8.6	7.7	7.1	6.8	6.2	6.5	5.9	5.4	6.1	5.6	5.1
44.0	6.1	7.5	7.5	6.0	7.5	7.6	6.2	6.5	6.0	6.2	5.7	5.2	5.8	5.4	4.9
46.0	5.2	6.5	7.4	5.1	6.5	7.5	5.3	6.3	5.8	5.4	5.5	5.0	5.2	5.1	4.7
48.0	4.4	5.6	6.4	4.3	5.6	6.5	4.5	5.8	5.7	4.7	5.3	4.9	4.4	4.8	4.5
50.0	3.7	4.7	5.4	3.6	4.8	5.6	3.8	5.0	5.5	3.9	5.1	4.7	3.7	4.4	4.3
54.0	2.5	3.3	3.7	2.4	3.3	3.9	2.5	3.6	4.3	2.7	3.7	4.4	2.4	3.6	3.9
58.0		2.0			2.1	2.5	1.5	2.3	2.8	1.6	2.5	3.1		2.3	3.0
62.0									1.6		1.5	1.9			1.9
θ (°)	34 to 83	33 to 84.5	45 to 84.5	41 to 83	42 to 84.5	45 to 84.5	41 to 83	47 to 84.5	45 to 84.5	45 to 83	47 to 84.5	51 to 84.5	52 to 83	55 to 84.5	55 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.4	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	10.7	7.6	5.9	10.2	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	9.5	7.2	5.7	9.3	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	8.3	6.9	5.5	8.2	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	7.2	6.7	5.4	7.1	7.0	5.5	6.7	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	6.3	6.4	5.3	6.1	6.7	5.4	6.2	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	5.4	6.2	5.1	5.2	6.5	5.2	5.3	5.4	4.8	5.4	4.8	4.3	4.6	4.1	3.6
48.0	4.6	6.0	5.0	4.5	6.1	5.1	4.5	5.2	4.7	4.9	4.6	4.2	4.2	3.9	3.4
50.0	3.9	5.3	5.0	3.7	5.2	5.0	3.8	5.1	4.6	4.1	4.4	4.1	3.9	3.6	3.3
54.0	2.6	3.8	4.7	2.5	3.8	4.7	2.6	3.9	4.3	2.9	3.9	3.8	2.6	3.2	3.0
58.0	1.6	2.5	3.1		2.5	3.3	1.5	2.6	3.5	1.8	3.0	3.3		2.7	2.7
62.0						1.9		1.6	2.2		1.9	2.6			2.4
θ (°)	36 to 83	44 to 84.5	49 to 84.5	46 to 83	50 to 84.5	49 to 84.5	46 to 83	49 to 84.5	54 to 84.5	50 to 83	54 to 84.5	59 to 84.5	56 to 83	60 to 84.5	61 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.8	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.9	5.5	4.2	8.4	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	7.4	5.3	4.0	7.3	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	6.6	5.0	3.9	6.4	5.3	4.0	6.0	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	5.7	4.8	3.8	5.5	5.0	3.9	5.7	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	4.9	4.6	3.7	4.7	4.8	3.7	5.0	4.7	4.0	4.5	4.0	3.5	3.7	3.2	2.7
50.0	4.2	4.4	3.6	4.0	4.7	3.7	4.3	4.5	3.9	4.1	3.8	3.3	3.4	3.0	2.6
54.0	2.9	4.1	3.4	2.7	4.3	3.5	3.0	4.1	3.7	3.0	3.4	3.0	2.7	2.6	2.3
58.0	1.8	3.1	3.3	1.6	3.0	3.3	1.9	3.3	3.4		2.9	2.7		2.3	2.0
62.0		2.0	2.7		1.9	2.8		2.2	3.0		2.3	2.4			1.8
66.0			1.5			1.6			2.0			2.1			
θ (°)	42 to 83	47 to 84.5	46 to 84.5	47 to 83	52 to 84.5	53 to 84.5	51 to 83	56 to 84.5	58 to 84.5	57 to 83	59 to 84.5	61 to 84.5	59 to 83	64 to 84.5	67 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	6.1	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.3	3.6	2.5	5.6	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.9	3.4	2.4	4.8	3.6	2.5	4.4	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	4.2	3.2	2.3	4.0	3.4	2.4	4.0	3.5	2.4	3.2	2.7	2.3	2.6	2.1	1.7
54.0	3.0	2.9	2.1	2.7	3.1	2.2	2.7	3.1	2.3	2.6	2.4	2.0		1.7	
58.0	1.9	2.6	2.0		2.8	2.0		2.7	2.1		2.0	1.7			
62.0		2.3	1.8		2.2	1.9			2.0						
66.0			1.7			1.8									
θ (°)	47 to 83	54 to 84.5	56 to 84.5	54 to 83	57 to 84.5	61 to 84.5	57 to 83	64 to 84.5	68 to 84.5	60 to 83	66 to 84.5	73 to 84.5	64 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5		55.6		60.0	
Load radius	Offset		Offset		Offset		Offset		Offset	
(m)	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°
16.0	10.7									
18.0	10.1		9.3							
20.0	9.6		8.8		7.8					
22.0	9.0		8.3		7.5		6.5			
24.0	8.5		7.9		7.1		6.3			
26.0	8.1		7.5		6.8		6.0		5.6	
28.0	7.6		7.1		6.5		5.8		5.4	
30.0	7.2		6.8		6.2		5.6		5.2	
32.0	6.7		6.5		5.9		5.3		4.9	
34.0	6.3	3.7	6.2		5.6		5.1		4.7	
36.0	5.9	3.5	5.9	3.6	5.4		4.9		4.2	
38.0	5.4	3.2	5.6	3.4	5.2	3.5	4.6		3.8	
40.0	5.0	3.0	5.3	3.1	4.9	3.3	4.2	3.1	3.5	
42.0	4.6	2.8	5.0	2.9	4.7	3.1	3.8	2.8	3.1	2.1
44.0	4.3	2.6	4.7	2.7	4.4	2.9	3.5	2.6	2.8	1.9
46.0	4.0	2.4	4.3	2.6	4.0	2.7	3.2	2.4	2.5	1.7
48.0	3.7	2.3	4.0	2.4	3.6	2.5	2.8	2.1	2.2	1.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4	2.5	1.9		
54.0	2.9	1.8	2.7	1.9		2.1		1.5		
58.0	1.8	1.6		1.7		1.8				
62.0				1.5						
θ (°)	51 to 84.5	62 to 84.5	57 to 84.5	62 to 84.5	62 to 84.5	68 to 84.5	65 to 84.5	72 to 84.5	68 to 84.5	77 to 84.5
Standard hook block	12.2t									
Hook block weight	440kg									
Standard number of parts of line	1									

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.9	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	26.9	27.0	26.5	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	22.7	23.1	23.4	22.6	22.1	21.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	19.3	19.7	20.0	19.6	20.0	20.3	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	16.6	16.9	17.1	16.9	17.2	17.5	16.0	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	14.3	14.6	14.7	14.6	14.9	15.1	15.2	14.8	14.6	13.1	12.8	12.6	12.4	12.1	12.0
30.0	12.4	12.6	12.7	12.7	12.9	13.1	13.3	13.5	13.7	12.5	12.2	12.1	11.8	11.5	11.4
32.0	10.6	10.8	10.9	10.9	11.2	11.4	11.6	11.9	12.0	11.9	11.7	11.5	11.2	11.0	10.9
34.0	9.0	9.2	9.2	9.3	9.6	9.7	10.1	10.3	10.5	10.7	10.9	11.0	10.7	10.5	10.4
36.0	7.6	7.7		7.9	8.2	8.2	8.7	8.9	9.0	9.3	9.6	9.7	9.4	9.6	9.8
38.0	6.3	6.5		6.7	6.9	6.9	7.4	7.6	7.7	8.0	8.3	8.4	8.1	8.4	8.5
40.0	5.3	5.4		5.6	5.8		6.3	6.5	6.5	6.9	7.1	7.2	7.0	7.2	7.3
42.0	4.3			4.6	4.8		5.3	5.5	5.5	5.9	6.1	6.2	6.0	6.2	6.3
44.0	3.6			3.8	3.9		4.4	4.6		5.0	5.2	5.2	5.1	5.3	5.3
46.0				3.0	3.1		3.6	3.7		4.2	4.4	4.4	4.3	4.4	4.5
48.0							2.9	3.0		3.5	3.6		3.5	3.7	3.7
50.0							2.3	2.3		2.8	2.9		2.9	3.0	
54.0										1.7	1.7		1.7	1.8	
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	22 to 84.5	23 to 84.5	42 to 84.5	24 to 84.5	25 to 84.5	42 to 84.5	26 to 84.5	27 to 84.5	42 to 84.5	34 to 84.5	35 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	23.0	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	20.1	20.0	19.0	18.9	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	17.3	18.6	18.1	17.6	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	15.0	16.2	17.1	15.3	15.5	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	13.1	14.2	14.9	13.3	14.4	14.1	12.4	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	11.5	12.4	13.1	11.7	12.6	13.4	11.8	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	9.9	10.9	11.4	10.1	11.1	11.7	10.5	10.4	10.0	9.8	9.3	8.9	9.3	8.7	8.4
36.0	8.5	9.4	10.0	8.7	9.7	10.3	9.1	10.0	9.6	9.4	8.9	8.5	8.8	8.4	8.1
38.0	7.3	8.1	8.6	7.5	8.4	9.0	7.9	8.8	9.3	8.3	8.5	8.2	8.2	8.0	7.7
40.0	6.2	6.9	7.3	6.4	7.2	7.7	6.7	7.6	8.2	7.2	8.1	7.9	7.1	7.7	7.4
42.0	5.2	5.8	6.1	5.4	6.1	6.5	5.8	6.5	7.0	6.2	7.0	7.5	6.1	6.9	7.1
44.0	4.3	4.8		4.5	5.1	5.5	4.9	5.6	6.0	5.3	6.0	6.5	5.2	5.9	6.4
46.0	3.5	4.0		3.7	4.3	4.5	4.1	4.7	5.0	4.5	5.2	5.6	4.3	5.0	5.5
48.0	2.8	3.2		3.0	3.5		3.3	3.9	4.2	3.8	4.4	4.7	3.6	4.2	4.7
50.0				2.3	2.7		2.7	3.2	3.4	3.1	3.6	3.9	2.9	3.5	3.9
54.0							1.5	1.9		1.9	2.4	2.6	1.8	2.2	2.5
θ (°)	24 to 83	28 to 84.5	44 to 84.5	30 to 83	34 to 84.5	44 to 84.5	31 to 83	35 to 84.5	43 to 84.5	38 to 83	42 to 84.5	43 to 84.5	43 to 83	46 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	19.9	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	17.9	16.4	13.3	16.0	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	15.6	15.8	12.9	15.1	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	13.7	15.2	12.7	13.7	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	12.0	13.4	12.4	12.0	12.3	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	10.5	11.8	12.2	10.5	11.8	11.1	10.1	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	9.1	10.4	11.3	9.1	10.5	10.6	9.5	8.8	8.2	8.4	7.7	7.1	7.9	7.4	6.8
38.0	7.8	9.2	10.0	7.8	9.2	10.1	8.3	8.4	8.0	8.0	7.4	6.9	7.5	7.0	6.6
40.0	6.7	7.9	8.8	6.7	8.0	8.9	7.1	8.1	7.7	7.4	7.1	6.7	7.1	6.7	6.4
42.0	5.7	6.8	7.6	5.7	6.9	7.7	6.1	7.3	7.4	6.3	6.8	6.5	6.1	6.4	6.2
44.0	4.8	5.8	6.4	4.8	5.9	6.6	5.2	6.3	7.1	5.4	6.5	6.3	5.2	6.2	6.0
46.0	4.0	4.9	5.4	4.0	5.0	5.6	4.4	5.4	6.1	4.6	5.7	6.1	4.4	5.5	5.7
48.0	3.3	4.1	4.4	3.3	4.1	4.7	3.7	4.6	5.2	3.9	4.8	5.5	3.7	4.7	5.4
50.0	2.7	3.3		2.6	3.4	3.8	3.0	3.8	4.4	3.2	4.1	4.7	3.0	3.9	4.6
54.0	1.5	1.9		1.5	2.1		1.8	2.5	2.9	2.0	2.8	3.2	1.8	2.6	3.1
58.0											1.6	2.0		1.5	1.9
θ (°)	23 to 83	28 to 84.5	44 to 84.5	33 to 83	38 to 84.5	48 to 84.5	40 to 83	44 to 84.5	47 to 84.5	45 to 83	44 to 84.5	47 to 84.5	48 to 83	49 to 84.5	52 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.6	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	15.8	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	14.1	11.2	8.7	13.1	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	12.4	10.7	8.5	12.4	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	11.0	10.3	8.3	10.9	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	9.6	9.9	8.1	9.5	10.0	8.2	8.6	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	8.3	9.6	7.9	8.2	9.6	8.1	8.2	7.3	6.5	7.2	6.4	5.8	6.8	6.1	5.5
40.0	7.2	8.9	7.7	7.1	8.9	7.9	7.3	7.1	6.3	6.9	6.1	5.6	6.5	5.8	5.3
42.0	6.2	7.7	7.6	6.1	7.7	7.7	6.3	6.8	6.2	6.4	5.9	5.4	6.1	5.6	5.1
44.0	5.3	6.7	7.5	5.2	6.7	7.6	5.4	6.5	6.0	5.5	5.7	5.2	5.3	5.4	4.9
46.0	4.5	5.7	6.7	4.4	5.7	6.8	4.5	5.9	5.8	4.7	5.5	5.0	4.4	5.1	4.7
48.0	3.7	4.8	5.7	3.6	4.9	5.8	3.8	5.1	5.7	3.9	5.3	4.9	3.7	4.8	4.5
50.0	3.0	4.1	4.7	3.0	4.1	4.9	3.1	4.3	5.2	3.3	4.5	4.7	3.0	4.3	4.3
54.0	1.9	2.7	3.1	1.8	2.7	3.3	1.9	2.9	3.6	2.1	3.1	3.9		2.9	3.8
58.0					1.5	1.9		1.8	2.3		1.9	2.6			2.5
θ (°)	34 to 83	41 to 84.5	45 to 84.5	41 to 83	42 to 84.5	45 to 84.5	45 to 83	47 to 84.5	51 to 84.5	50 to 83	52 to 84.5	56 to 84.5	56 to 83	59 to 84.5	59 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.8	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	12.2	8.3	6.2	11.3	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	11.1	7.9	6.0	10.7	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	9.8	7.6	5.9	9.7	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	8.5	7.2	5.7	8.4	7.5	5.8	7.4	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	7.4	6.9	5.5	7.2	7.2	5.6	7.0	6.0	5.3	6.4	5.4	4.9	5.9	4.9	4.2
42.0	6.4	6.7	5.4	6.2	7.0	5.5	6.3	5.8	5.1	6.0	5.2	4.7	5.4	4.6	4.0
44.0	5.5	6.4	5.3	5.3	6.7	5.4	5.4	5.6	5.0	5.7	5.0	4.5	5.0	4.3	3.8
46.0	4.6	6.2	5.1	4.5	6.2	5.2	4.6	5.4	4.8	4.9	4.8	4.3	4.6	4.1	3.6
48.0	3.9	5.4	5.0	3.7	5.4	5.1	3.8	5.2	4.7	4.2	4.6	4.2	3.9	3.9	3.4
50.0	3.2	4.6	5.0	3.1	4.5	5.0	3.1	4.7	4.6	3.5	4.4	4.1	3.2	3.6	3.3
54.0	2.0	3.2	4.0	1.9	3.1	4.1	1.9	3.3	4.3	2.2	3.6	3.8		3.2	3.0
58.0		1.9	2.5		1.9	2.7		2.1	2.9		2.4	3.3			2.7
62.0									1.7			2.1			
θ (°)	41 to 83	44 to 84.5	49 to 84.5	46 to 83	50 to 84.5	55 to 84.5	50 to 83	54 to 84.5	54 to 84.5	54 to 83	57 to 84.5	59 to 84.5	59 to 83	63 to 84.5	65 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.9	6.1	4.5	9.2	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	8.4	5.8	4.3	8.7	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	7.7	5.5	4.2	7.5	5.7	4.2	6.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	6.7	5.3	4.0	6.5	5.5	4.1	6.3	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	5.8	5.0	3.9	5.6	5.3	4.0	5.9	5.0	4.3	5.2	4.4	3.9	4.5	3.6	3.1
46.0	4.9	4.8	3.8	4.7	5.0	3.9	5.0	4.8	4.1	4.8	4.2	3.7	4.1	3.4	2.9
48.0	4.2	4.6	3.7	4.0	4.8	3.7	4.3	4.7	4.0	4.3	4.0	3.5	3.7	3.2	2.7
50.0	3.5	4.4	3.6	3.3	4.7	3.7	3.6	4.5	3.9	3.6	3.8	3.3	3.3	3.0	2.6
54.0	2.3	3.8	3.4	2.1	3.7	3.5	2.3	4.0	3.7	2.4	3.4	3.0		2.6	2.3
58.0		2.5	3.3		2.4	3.3		2.7	3.4		2.8	2.7		2.3	2.0
62.0			2.2			2.3			2.7			2.4			1.8
θ (°)	47 to 83	52 to 84.5	53 to 84.5	50 to 83	56 to 84.5	58 to 84.5	54 to 83	59 to 84.5	62 to 84.5	57 to 83	62 to 84.5	65 to 84.5	62 to 83	64 to 84.5	67 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	13.4			12.3											
18.0	12.7			11.7			10.5								
20.0	12.0			11.1			10.0			8.9					
22.0	11.3			10.5			9.6			8.6					
24.0	10.6			10.0			9.2			8.2			7.7		
26.0	10.0			9.5			8.8			7.7			7.3		
28.0	9.3			9.1			8.2			7.2			6.8		
30.0	8.8	5.8		8.7			7.7			6.7			6.4		
32.0	8.3	5.4		8.3	5.6		7.3			6.3			6.0		
34.0	7.8	5.1		7.9	5.3		6.9	5.4		5.9			5.6		
36.0	7.4	4.8		7.5	5.0		6.5	5.1		5.6	4.6		5.1	3.7	
38.0	7.0	4.5		7.1	4.7		6.1	4.9		5.3	4.3		4.7	3.4	
40.0	6.5	4.2		6.7	4.4		5.8	4.6		5.0	4.0		4.3	3.1	
42.0	6.1	4.0	2.8	6.4	4.2		5.5	4.4		4.6	3.7		3.9	2.9	
44.0	5.7	3.8	2.6	5.6	4.0	2.7	5.1	4.1		4.2	3.4		3.6	2.7	
46.0	5.0	3.6	2.5	4.8	3.8	2.6	4.8	3.9	2.6	3.8	3.2		3.3	2.5	
48.0	4.3	3.4	2.4	4.0	3.6	2.5	4.0	3.7	2.5	3.5	3.0	2.5	2.9	2.3	1.9
50.0	3.6	3.2	2.3	3.3	3.4	2.4	3.3	3.5	2.4	3.2	2.7	2.3		2.1	1.7
54.0	2.3	2.9	2.1	2.1	3.1	2.2		3.1	2.3		2.4	2.0		1.7	
58.0		2.6	2.0		2.7	2.0		2.7	2.1			1.7			
62.0		1.7	1.8			1.9			2.0						
θ (°)	51 to 83	54 to 84.5	61 to 84.5	54 to 83	61 to 84.5	65 to 84.5	60 to 83	64 to 84.5	68 to 84.5	62 to 83	69 to 84.5	73 to 84.5	66 to 83	70 to 84.5	80 to 84.5
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 58t, outrigger extension width 6.8m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	26.7	27.3	27.8	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	22.2	22.7	23.1	22.5	23.0	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	18.6	19.1	19.4	18.9	19.4	19.7	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	15.7	16.1	16.4	16.0	16.4	16.7	16.7	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	13.4	13.7	13.9	13.7	14.0	14.3	14.3	14.7	14.9	13.9	13.5	13.3	13.1	12.8	12.6
28.0	11.4	11.7	11.9	11.7	12.0	12.2	12.3	12.6	12.8	12.9	12.8	12.6	12.4	12.1	12.0
30.0	9.5	9.8	9.9	9.9	10.2	10.4	10.6	10.9	11.1	11.2	11.5	11.6	11.3	11.5	11.4
32.0	7.9	8.1	8.2	8.2	8.5	8.7	9.0	9.3	9.5	9.6	9.9	10.1	9.7	10.0	10.2
34.0	6.5	6.7	6.8	6.8	7.1	7.2	7.6	7.8	8.0	8.2	8.5	8.6	8.3	8.6	8.8
36.0	5.3	5.4		5.6	5.8	5.9	6.3	6.6	6.7	7.0	7.2	7.3	7.0	7.3	7.4
38.0	4.2	4.3		4.5	4.7	4.8	5.2	5.4	5.5	5.9	6.1	6.2	5.9	6.2	6.3
40.0	3.2	3.3		3.6	3.7		4.3	4.4	4.5	4.9	5.1	5.2	4.9	5.2	5.3
42.0	2.4			2.7	2.8		3.4	3.6	3.6	4.0	4.2	4.2	4.1	4.2	4.3
44.0							2.6	2.8		3.2	3.4	3.4	3.3	3.4	3.5
46.0							1.9	2.0		2.5	2.6	2.7	2.5	2.7	2.7
48.0										1.9	2.0		1.9	2.0	2.1
θ (°)	18 to 84.5	27 to 84.5	43 to 84.5	33 to 84.5	34 to 84.5	42 to 84.5	34 to 84.5	35 to 84.5	42 to 84.5	38 to 84.5	39 to 84.5	42 to 84.5	44 to 84.5	44 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 58t, outrigger extension width 6.8m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	22.9	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	19.3	21.0	20.1	19.6	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	16.5	17.9	19.0	16.7	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	14.1	15.4	16.4	14.3	15.6	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	12.1	13.3	14.2	12.4	13.5	14.4	12.7	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	10.4	11.5	12.3	10.6	11.7	12.5	11.0	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	8.8	9.9	10.6	9.0	10.2	10.9	9.4	10.5	10.4	9.9	9.7	9.3	9.7	9.2	8.8
34.0	7.4	8.4	9.1	7.6	8.7	9.5	8.0	9.1	9.8	8.5	9.3	8.9	8.3	8.7	8.4
36.0	6.1	7.1	7.7	6.4	7.3	8.0	6.8	7.7	8.5	7.2	8.2	8.5	7.1	8.1	8.1
38.0	5.1	5.9	6.4	5.3	6.2	6.8	5.7	6.6	7.2	6.1	7.0	7.7	6.0	6.9	7.6
40.0	4.1	4.8	5.2	4.3	5.1	5.6	4.7	5.5	6.1	5.2	6.0	6.6	5.0	5.9	6.5
42.0	3.2	3.9	4.2	3.4	4.1	4.6	3.8	4.6	5.1	4.3	5.0	5.6	4.1	4.9	5.5
44.0	2.5	3.0		2.7	3.3	3.6	3.0	3.7	4.1	3.5	4.2	4.7	3.3	4.1	4.6
46.0				2.0	2.5	2.8	2.3	2.9	3.3	2.8	3.4	3.8	2.6	3.3	3.8
48.0					1.8		1.7	2.2	2.5	2.1	2.7	3.1	2.0	2.6	3.0
50.0								1.6	1.8	1.5	2.1	2.4		1.9	2.3
θ (°)	34 to 83	38 to 84.5	44 to 84.5	38 to 83	38 to 84.5	44 to 84.5	41 to 83	42 to 84.5	43 to 84.5	44 to 83	47 to 84.5	49 to 84.5	50 to 83	51 to 84.5	53 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 6.8m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	19.9	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	17.0	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	14.7	16.4	13.3	14.7	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	12.7	14.4	12.9	12.7	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	11.0	12.5	12.7	11.0	12.6	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	9.4	10.9	12.1	9.4	11.0	11.5	9.8	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	8.0	9.5	10.5	8.0	9.6	10.6	8.4	9.2	8.5	8.6	8.1	7.4	8.3	7.7	7.1
36.0	6.7	8.2	9.2	6.7	8.2	9.3	7.1	8.7	8.2	7.4	7.7	7.1	7.2	7.4	6.8
38.0	5.6	6.9	7.9	5.6	7.0	8.1	6.0	7.4	8.0	6.3	7.4	6.9	6.0	7.0	6.6
40.0	4.6	5.8	6.7	4.6	5.9	6.9	5.0	6.3	7.3	5.3	6.6	6.7	5.1	6.4	6.4
42.0	3.8	4.8	5.6	3.8	4.9	5.8	4.2	5.3	6.2	4.4	5.6	6.5	4.2	5.4	6.2
44.0	3.0	3.9	4.6	3.0	4.0	4.8	3.4	4.4	5.2	3.6	4.7	5.5	3.4	4.5	5.4
46.0	2.3	3.1	3.6	2.3	3.2	3.9	2.6	3.6	4.3	2.9	3.9	4.6	2.7	3.7	4.5
48.0	1.7	2.4	2.8	1.6	2.5	3.0	2.0	2.9	3.5	2.2	3.2	3.8		3.0	3.7
50.0		1.7			1.8	2.2		2.2	2.8	1.6	2.5	3.1		2.3	3.0
54.0												1.8			
θ (°)	36 to 83	38 to 84.5	44 to 84.5	42 to 83	45 to 84.5	48 to 84.5	47 to 83	50 to 84.5	53 to 84.5	49 to 83	54 to 84.5	52 to 84.5	56 to 83	57 to 84.5	60 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 58t, outrigger extension width 6.8m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	15.1	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	13.1	11.7	9.0	13.1	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	11.4	11.2	8.7	11.4	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	9.9	10.7	8.5	9.8	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	8.5	10.3	8.3	8.4	10.3	8.4	8.6	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	7.2	9.1	8.1	7.1	9.1	8.2	7.3	7.6	6.8	7.4	6.6	6.0	7.2	6.3	5.7
38.0	6.1	7.9	7.9	6.0	7.9	8.1	6.2	7.3	6.5	6.3	6.4	5.8	6.1	6.1	5.5
40.0	5.1	6.7	7.7	5.0	6.7	7.9	5.2	6.9	6.3	5.3	6.1	5.6	5.1	5.8	5.3
42.0	4.2	5.7	6.9	4.1	5.7	7.0	4.3	5.9	6.2	4.4	5.9	5.4	4.2	5.6	5.1
44.0	3.4	4.8	5.8	3.3	4.8	5.9	3.5	5.0	6.0	3.6	5.1	5.2	3.4	5.0	4.9
46.0	2.7	3.9	4.9	2.6	3.9	5.0	2.8	4.1	5.2	2.9	4.3	5.0	2.7	4.1	4.7
48.0	2.0	3.2	4.0	2.0	3.2	4.1	2.1	3.4	4.4	2.3	3.6	4.6		3.4	4.5
50.0		2.4	3.1		2.5	3.3		2.7	3.6		2.9	3.8		2.7	3.7
54.0			1.6			1.8			2.2			2.4			
θ (°)	43 to 83	47 to 84.5	45 to 84.5	48 to 83	53 to 84.5	52 to 84.5	52 to 83	56 to 84.5	56 to 84.5	55 to 83	60 to 84.5	60 to 84.5	59 to 83	62 to 84.5	66 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 58t, outrigger extension width 6.8m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.3	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	11.6	8.7		11.5	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	10.1	8.3	6.2	10.0	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	8.7	7.9	6.0	8.5	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	7.4	7.6	5.9	7.3	7.9	6.0	7.3	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	6.3	7.2	5.7	6.1	7.5	5.8	6.2	6.3	5.5	6.6	5.7	5.1	6.3	5.2	4.4
40.0	5.3	6.9	5.5	5.1	7.2	5.6	5.2	6.0	5.3	5.6	5.4	4.9	5.3	4.9	4.2
42.0	4.4	6.3	5.4	4.2	6.2	5.5	4.3	5.8	5.1	4.7	5.2	4.7	4.4	4.6	4.0
44.0	3.6	5.3	5.3	3.4	5.3	5.4	3.5	5.4	5.0	3.9	5.0	4.5	3.6	4.3	3.8
46.0	2.9	4.5	5.1	2.7	4.4	5.2	2.8	4.5	4.8	3.1	4.8	4.3		4.1	3.6
48.0	2.2	3.7	4.9	2.1	3.6	5.0		3.8	4.7		4.1	4.2		3.9	3.4
50.0	1.6	3.0	4.1		2.9	4.1		3.1	4.3		3.4	4.1		3.2	3.3
54.0		1.7	2.5			2.6			2.8			3.2			3.0
θ (°)	46 to 83	50 to 84.5	55 to 84.5	52 to 83	58 to 84.5	60 to 84.5	57 to 83	61 to 84.5	63 to 84.5	60 to 83	64 to 84.5	66 to 84.5	64 to 83	66 to 84.5	68 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 58t, outrigger extension width 6.8m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.0	6.4		8.8	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	7.7	6.1	4.5	7.5	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	6.6	5.8	4.3	6.4	6.0	4.4	6.7	5.7		6.0	5.0		5.8	4.4	
40.0	5.6	5.5	4.2	5.4	5.7	4.2	5.7	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	4.7	5.3	4.0	4.5	5.5	4.1	4.8	5.2	4.4	4.8	4.6	4.1	4.6	3.9	3.3
44.0	3.9	5.0	3.9	3.7	5.3	4.0	4.0	5.0	4.3	4.0	4.4	3.9	3.7	3.6	3.1
46.0	3.1	4.8	3.8	2.9	5.0	3.9	3.2	4.8	4.1	3.3	4.2	3.7		3.4	2.9
48.0	2.5	4.3	3.7	2.3	4.2	3.7	2.6	4.5	4.0		4.0	3.5		3.2	2.7
50.0	1.9	3.6	3.6		3.5	3.7		3.8	3.9		3.8	3.3		3.0	2.6
54.0		2.3	3.4		2.2	3.5		2.5	3.7			3.0			2.3
58.0			2.2						2.5						
θ (°)	51 to 83	56 to 84.5	58 to 84.5	56 to 83	60 to 84.5	66 to 84.5	59 to 83	63 to 84.5	66 to 84.5	63 to 83	68 to 84.5	72 to 84.5	66 to 83	70 to 84.5	73 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	29.3	28.9	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	24.2	24.8	25.2	24.2	23.6	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	20.3	20.8	21.1	20.6	21.1	21.4	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	17.1	17.5	17.8	17.4	17.9	18.1	16.9	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	14.6	14.9	15.1	14.9	15.2	15.4	15.5	15.5	15.2	13.9	13.5	13.3	13.1	12.8	12.6
28.0	12.4	12.7	12.9	12.7	13.0	13.2	13.3	13.7	13.9	13.1	12.8	12.6	12.4	12.1	12.0
30.0	10.5	10.8	11.0	10.9	11.2	11.3	11.5	11.8	12.0	12.1	12.2	12.1	11.8	11.5	11.4
32.0	8.8	9.0	9.1	9.1	9.4	9.6	9.9	10.2	10.4	10.5	10.8	10.9	10.6	10.9	10.9
34.0	7.3	7.5	7.6	7.6	7.9	8.0	8.4	8.7	8.8	9.0	9.3	9.5	9.1	9.4	9.6
36.0	6.0	6.1		6.3	6.6	6.6	7.1	7.3	7.4	7.7	8.0	8.1	7.8	8.1	8.2
38.0	4.8	5.0		5.2	5.4	5.4	5.9	6.1	6.2	6.5	6.8	6.9	6.6	6.8	7.0
40.0	3.8	3.9		4.2	4.3		4.9	5.1	5.1	5.5	5.7	5.8	5.6	5.8	5.9
42.0	3.0			3.3	3.4		4.0	4.1	4.1	4.6	4.7	4.8	4.6	4.8	4.9
44.0				2.5	2.6		3.1	3.3		3.7	3.9	3.9	3.8	4.0	4.0
46.0							2.4	2.5		3.0	3.1	3.2	3.0	3.2	3.2
48.0							1.7	1.8		2.3	2.4		2.3	2.5	2.5
50.0										1.7	1.8		1.7	1.8	
θ (°)	18 to 84.5	27 to 84.5	43 to 84.5	28 to 84.5	29 to 84.5	42 to 84.5	30 to 84.5	30 to 84.5	42 to 84.5	35 to 84.5	35 to 84.5	42 to 84.5	41 to 84.5	42 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	24.7	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	21.1	21.3	20.1	20.1	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	17.9	19.4	19.0	18.2	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	15.3	16.7	17.7	15.6	16.3	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	13.2	14.4	15.3	13.4	14.6	14.7	13.1	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	11.4	12.4	13.2	11.6	12.7	13.5	11.9	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	9.7	10.8	11.5	10.0	11.0	11.8	10.4	10.9	10.4	10.3	9.7	9.3	9.7	9.2	8.8
34.0	8.2	9.3	9.9	8.5	9.6	10.2	8.9	9.9	10.0	9.4	9.3	8.9	9.2	8.7	8.4
36.0	6.9	7.8	8.5	7.1	8.1	8.8	7.5	8.6	9.2	8.0	8.9	8.5	7.9	8.4	8.1
38.0	5.7	6.6	7.1	6.0	6.9	7.5	6.4	7.3	8.0	6.8	7.8	8.2	6.7	7.7	7.7
40.0	4.7	5.5	5.9	4.9	5.8	6.3	5.3	6.2	6.8	5.8	6.7	7.3	5.6	6.5	7.2
42.0	3.8	4.5	4.8	4.0	4.7	5.2	4.4	5.2	5.7	4.9	5.7	6.2	4.7	5.5	6.1
44.0	3.0	3.5		3.2	3.8	4.2	3.6	4.3	4.7	4.0	4.8	5.2	3.9	4.6	5.2
46.0		2.7		2.5	3.0	3.3	2.8	3.5	3.8	3.3	3.9	4.4	3.1	3.8	4.3
48.0				1.8	2.3		2.2	2.7	3.0	2.6	3.2	3.6	2.4	3.1	3.5
50.0					1.6		1.6	2.0	2.3	2.0	2.5	2.8	1.8	2.4	2.8
54.0												1.5			1.5
θ (°)	34 to 83	33 to 84.5	44 to 84.5	34 to 83	34 to 84.5	44 to 84.5	38 to 83	42 to 84.5	43 to 84.5	44 to 83	47 to 84.5	43 to 84.5	48 to 83	51 to 84.5	48 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	21.2	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	18.5	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	15.9	16.4	13.3	15.9	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	13.8	15.5	12.9	13.8	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	11.9	13.5	12.7	11.9	12.9	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	10.4	11.8	12.4	10.4	11.9	11.5	10.6	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	8.9	10.3	11.4	8.9	10.4	11.1	9.3	9.2	8.5	8.8	8.1	7.4	8.3	7.7	7.1
36.0	7.5	9.0	9.9	7.5	9.1	10.0	7.9	8.8	8.2	8.2	7.7	7.1	7.9	7.4	6.8
38.0	6.4	7.7	8.7	6.3	7.8	8.8	6.8	8.2	8.0	7.0	7.4	6.9	6.8	7.0	6.6
40.0	5.3	6.5	7.4	5.3	6.6	7.6	5.7	7.0	7.7	5.9	7.1	6.7	5.7	6.7	6.4
42.0	4.4	5.5	6.2	4.4	5.5	6.4	4.8	6.0	6.9	5.0	6.2	6.5	4.8	6.1	6.2
44.0	3.6	4.5	5.2	3.5	4.6	5.4	3.9	5.0	5.8	4.2	5.3	6.1	3.9	5.1	6.0
46.0	2.8	3.7	4.2	2.8	3.8	4.4	3.2	4.2	4.9	3.4	4.4	5.2	3.2	4.3	5.1
48.0	2.1	2.9	3.3	2.1	3.0	3.5	2.5	3.4	4.0	2.7	3.7	4.4	2.5	3.5	4.3
50.0	1.5	2.2		1.5	2.3	2.7	1.9	2.7	3.2	2.1	3.0	3.6		2.8	3.5
54.0									1.8		1.7	2.2			2.1
θ (°)	32 to 83	38 to 84.5	44 to 84.5	39 to 83	45 to 84.5	48 to 84.5	45 to 83	50 to 84.5	47 to 84.5	49 to 83	49 to 84.5	52 to 84.5	54 to 83	57 to 84.5	56 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	16.4	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	14.3	11.7	9.0	13.8	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	12.4	11.2	8.7	12.3	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	10.8	10.7	8.5	10.8	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	9.4	10.3	8.3	9.3	10.5	8.4	9.1	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	8.0	9.8	8.1	8.0	9.8	8.2	8.1	7.6	6.8	7.6	6.6	6.0	7.2	6.3	5.7
38.0	6.8	8.6	7.9	6.8	8.6	8.1	6.9	7.3	6.5	7.1	6.4	5.8	6.8	6.1	5.5
40.0	5.8	7.5	7.7	5.7	7.5	7.9	5.9	7.1	6.3	6.0	6.1	5.6	5.8	5.8	5.3
42.0	4.8	6.4	7.6	4.8	6.4	7.7	4.9	6.6	6.2	5.1	5.9	5.4	4.8	5.6	5.1
44.0	4.0	5.4	6.5	3.9	5.4	6.6	4.1	5.6	6.0	4.2	5.7	5.2	4.0	5.4	4.9
46.0	3.2	4.5	5.4	3.2	4.5	5.6	3.3	4.7	5.8	3.5	4.9	5.0	3.2	4.7	4.7
48.0	2.6	3.7	4.5	2.5	3.7	4.6	2.6	3.9	4.9	2.8	4.1	4.9	2.5	3.9	4.5
50.0	1.9	2.9	3.6	1.8	3.0	3.8	2.0	3.2	4.1	2.1	3.4	4.3		3.2	4.2
54.0		1.6	2.1		1.7	2.3		1.9	2.6		2.1	2.9			2.8
θ (°)	40 to 83	41 to 84.5	45 to 84.5	46 to 83	48 to 84.5	52 to 84.5	50 to 83	52 to 84.5	56 to 84.5	53 to 83	56 to 84.5	60 to 84.5	58 to 83	62 to 84.5	63 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.4	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	12.6	8.7		11.9	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	11.0	8.3	6.2	10.9	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	9.6	7.9	6.0	9.5	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	8.3	7.6	5.9	8.1	7.9	6.0	7.8	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	7.1	7.2	5.7	6.9	7.5	5.8	7.0	6.3	5.5	6.7	5.7	5.1	6.3	5.2	4.4
40.0	6.0	6.9	5.5	5.8	7.2	5.6	5.9	6.0	5.3	6.3	5.4	4.9	5.9	4.9	4.2
42.0	5.0	6.7	5.4	4.9	6.9	5.5	5.0	5.8	5.1	5.3	5.2	4.7	5.1	4.6	4.0
44.0	4.2	6.0	5.3	4.0	5.9	5.4	4.1	5.6	5.0	4.5	5.0	4.5	4.2	4.3	3.8
46.0	3.4	5.1	5.1	3.3	5.0	5.2	3.4	5.1	4.8	3.7	4.8	4.3	3.4	4.1	3.6
48.0	2.7	4.3	5.0	2.6	4.2	5.1	2.7	4.3	4.7	3.0	4.6	4.2		3.9	3.4
50.0	2.1	3.5	4.6	1.9	3.4	4.7		3.6	4.6		3.9	4.1		3.6	3.3
54.0		2.1	3.0		2.1	3.1		2.2	3.3		2.6	3.7			3.0
58.0			1.6			1.7						2.4			
θ (°)	46 to 83	50 to 84.5	49 to 84.5	50 to 83	54 to 84.5	55 to 84.5	56 to 83	58 to 84.5	63 to 84.5	59 to 83	61 to 84.5	63 to 84.5	62 to 83	66 to 84.5	68 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	9.6	6.4		9.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	8.6	6.1	4.5	8.4	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	7.4	5.8	4.3	7.2	6.0	4.4	7.0	5.7		6.0	5.0		5.8	4.4	
40.0	6.3	5.5	4.2	6.1	5.7	4.2	6.4	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	5.4	5.3	4.0	5.2	5.5	4.1	5.5	5.2	4.4	5.5	4.6	4.1	4.9	3.9	3.3
44.0	4.5	5.0	3.9	4.3	5.3	4.0	4.6	5.0	4.3	4.6	4.4	3.9	4.4	3.6	3.1
46.0	3.7	4.8	3.8	3.5	5.0	3.9	3.8	4.8	4.1	3.9	4.2	3.7	3.6	3.4	2.9
48.0	3.0	4.6	3.7	2.8	4.8	3.7	3.1	4.7	4.0	3.1	4.0	3.5		3.2	2.7
50.0	2.4	4.1	3.6	2.2	4.0	3.7	2.5	4.3	3.9		3.8	3.3		3.0	2.6
54.0		2.8	3.4		2.7	3.5		3.0	3.7		3.0	3.0			2.3
58.0		1.6	2.6			2.6			3.0			2.7			
θ (°)	51 to 83	52 to 84.5	58 to 84.5	54 to 83	60 to 84.5	62 to 84.5	57 to 83	63 to 84.5	66 to 84.5	61 to 83	65 to 84.5	69 to 84.5	65 to 83	70 to 84.5	73 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	35.0	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	32.2	31.0	30.3	28.1	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	27.1	27.8	28.3	26.0	25.1	24.4	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	22.4	22.9	23.3	22.7	23.3	23.1	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	18.7	19.1	19.5	19.0	19.5	19.8	17.9	17.3	16.9	15.6	15.1	14.8	14.7	14.3	14.1
24.0	15.7	16.1	16.4	16.0	16.4	16.7	16.7	16.3	16.0	14.7	14.3	14.0	13.9	13.5	13.3
26.0	13.3	13.7	13.9	13.6	14.0	14.2	14.2	14.6	14.8	13.9	13.5	13.3	13.1	12.8	12.6
28.0	11.3	11.6	11.8	11.6	11.9	12.1	12.2	12.5	12.7	12.8	12.8	12.6	12.4	12.1	12.0
30.0	9.4	9.7	9.8	9.7	10.1	10.3	10.5	10.8	11.0	11.1	11.3	11.5	11.1	11.4	11.4
32.0	7.7	8.0	8.1	8.1	8.4	8.5	8.8	9.2	9.3	9.5	9.8	10.0	9.6	9.9	10.1
34.0	6.3	6.5	6.6	6.7	6.9	7.0	7.4	7.7	7.8	8.1	8.4	8.5	8.1	8.4	8.6
36.0	5.1	5.2		5.4	5.7	5.7	6.2	6.4	6.5	6.8	7.1	7.2	6.9	7.1	7.3
38.0	4.0	4.1		4.3	4.5	4.6	5.1	5.3	5.4	5.7	5.9	6.0	5.8	6.0	6.1
40.0	3.1	3.1		3.4	3.5		4.1	4.3	4.3	4.7	4.9	5.0	4.8	5.0	5.1
42.0				2.5	2.7		3.2	3.4	3.4	3.8	4.0	4.1	3.9	4.1	4.2
44.0							2.4	2.6		3.0	3.2	3.2	3.1	3.3	3.3
46.0							1.7	1.8		2.3	2.5	2.5	2.4	2.5	2.6
48.0										1.7	1.8		1.7	1.8	1.9
θ (°)	26 to 84.5	27 to 84.5	43 to 84.5	33 to 84.5	34 to 84.5	42 to 84.5	34 to 84.5	35 to 84.5	42 to 84.5	38 to 84.5	39 to 84.5	42 to 84.5	44 to 84.5	44 to 84.5	45 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.9	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	26.6	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	23.2	22.6	21.0	21.5	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	19.5	21.2	20.1	19.7	18.1	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	16.5	18.0	19.0	16.7	17.2	16.1	14.7	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	14.1	15.4	16.4	14.3	15.6	15.3	13.8	12.6	11.9	12.2	11.3	10.5	11.5	10.7	9.9
28.0	12.1	13.2	14.1	12.3	13.5	14.4	12.6	12.0	11.4	11.5	10.8	10.0	10.9	10.2	9.5
30.0	10.3	11.4	12.2	10.6	11.6	12.5	10.9	11.4	10.9	10.9	10.2	9.7	10.3	9.7	9.2
32.0	8.7	9.8	10.5	8.9	10.1	10.8	9.3	10.4	10.4	9.8	9.7	9.3	9.6	9.2	8.8
34.0	7.2	8.3	9.0	7.5	8.6	9.4	7.9	9.0	9.7	8.4	9.3	8.9	8.2	8.7	8.4
36.0	6.0	6.9	7.6	6.2	7.2	7.9	6.6	7.6	8.4	7.1	8.1	8.5	6.9	8.0	8.1
38.0	4.9	5.7	6.2	5.1	6.0	6.6	5.5	6.4	7.1	6.0	6.9	7.6	5.8	6.8	7.5
40.0	3.9	4.7	5.1	4.1	4.9	5.5	4.5	5.4	5.9	5.0	5.9	6.5	4.8	5.7	6.4
42.0	3.1	3.7	4.0	3.3	4.0	4.4	3.7	4.4	4.9	4.1	4.9	5.4	4.0	4.8	5.4
44.0		2.8		2.5	3.1	3.5	2.9	3.6	4.0	3.3	4.0	4.5	3.2	3.9	4.4
46.0				1.8	2.3	2.6	2.2	2.8	3.1	2.6	3.3	3.7	2.4	3.1	3.6
48.0					1.6		1.5	2.1	2.4	2.0	2.5	2.9	1.8	2.4	2.8
50.0									1.7		1.9	2.2		1.8	2.1
θ (°)	37 to 83	38 to 84.5	44 to 84.5	38 to 83	38 to 84.5	44 to 84.5	41 to 83	45 to 84.5	43 to 84.5	46 to 83	47 to 84.5	49 to 84.5	50 to 83	51 to 84.5	53 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	24.6	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	22.8	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	20.1	17.8	14.0	18.1	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	17.1	17.1	13.6	17.0	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	14.7	16.4	13.3	14.7	14.2	13.1	12.5	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	12.6	14.4	12.9	12.6	13.5	12.5	11.8	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	10.9	12.5	12.7	10.9	12.5	12.0	11.2	10.1	9.0	9.9	8.8	8.0	9.3	8.4	7.6
32.0	9.3	10.8	12.0	9.3	10.9	11.5	9.7	9.6	8.7	9.3	8.4	7.7	8.8	8.0	7.3
34.0	7.9	9.4	10.5	7.9	9.5	10.6	8.3	9.2	8.5	8.5	8.1	7.4	8.3	7.7	7.1
36.0	6.6	8.1	9.1	6.6	8.1	9.2	7.0	8.6	8.2	7.3	7.7	7.1	7.0	7.4	6.8
38.0	5.5	6.8	7.8	5.5	6.9	8.0	5.9	7.3	8.0	6.1	7.4	6.9	5.9	7.0	6.6
40.0	4.5	5.7	6.6	4.5	5.8	6.8	4.9	6.2	7.2	5.1	6.5	6.7	4.9	6.3	6.4
42.0	3.6	4.7	5.5	3.6	4.8	5.6	4.0	5.2	6.1	4.2	5.5	6.4	4.0	5.3	6.2
44.0	2.8	3.8	4.4	2.8	3.9	4.6	3.2	4.3	5.1	3.4	4.6	5.4	3.2	4.4	5.3
46.0	2.1	3.0	3.5	2.1	3.1	3.7	2.5	3.5	4.2	2.7	3.8	4.5	2.5	3.6	4.4
48.0	1.5	2.2	2.6	1.5	2.3	2.9	1.8	2.8	3.4	2.1	3.0	3.7		2.9	3.6
50.0		1.5			1.7	2.1		2.1	2.6		2.3	3.0		2.2	2.9
θ (°)	36 to 83	38 to 84.5	44 to 84.5	42 to 83	45 to 84.5	48 to 84.5	47 to 83	50 to 84.5	53 to 84.5	51 to 83	54 to 84.5	57 to 84.5	56 to 83	57 to 84.5	60 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	18.5	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	17.5	12.9		15.6	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	15.2	12.3	9.3	14.7	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	13.1	11.7	9.0	13.0	12.1	9.1	10.7	9.0		9.4	7.9		9.0	7.6	
30.0	11.4	11.2	8.7	11.3	11.5	8.9	10.1	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	9.8	10.7	8.5	9.8	11.0	8.6	9.6	8.2	7.2	8.5	7.2	6.5	8.0	6.9	6.2
34.0	8.4	10.3	8.3	8.3	10.3	8.4	8.5	7.9	7.0	8.0	6.9	6.2	7.6	6.6	6.0
36.0	7.1	9.0	8.1	7.0	9.0	8.2	7.2	7.6	6.8	7.3	6.6	6.0	7.1	6.3	5.7
38.0	6.0	7.8	7.9	5.9	7.8	8.1	6.1	7.3	6.5	6.2	6.4	5.8	6.0	6.1	5.5
40.0	5.0	6.6	7.7	4.9	6.6	7.9	5.1	6.8	6.3	5.2	6.1	5.6	5.0	5.8	5.3
42.0	4.1	5.6	6.8	4.0	5.6	6.9	4.2	5.8	6.2	4.3	5.9	5.4	4.1	5.6	5.1
44.0	3.3	4.7	5.7	3.2	4.7	5.8	3.4	4.9	6.0	3.5	5.0	5.2	3.3	4.9	4.9
46.0	2.6	3.8	4.8	2.5	3.8	4.9	2.6	4.0	5.1	2.8	4.2	5.0		4.0	4.7
48.0	1.9	3.0	3.8	1.8	3.1	4.0	2.0	3.3	4.3		3.4	4.5		3.3	4.4
50.0		2.3	3.0		2.3	3.2		2.6	3.5		2.7	3.7			3.6
54.0			1.5			1.7			2.0			2.3			
θ (°)	43 to 83	47 to 84.5	45 to 84.5	48 to 83	53 to 84.5	52 to 84.5	52 to 83	56 to 84.5	56 to 84.5	57 to 83	60 to 84.5	60 to 84.5	61 to 83	64 to 84.5	66 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.9	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	14.1	9.6		13.4	9.9		10.3	8.2		9.3			8.9		
28.0	13.3	9.1		12.7	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	11.5	8.7		11.4	9.0		9.2	7.4		8.2	6.8		7.9	6.5	
32.0	10.0	8.3	6.2	9.9	8.6	6.3	8.7	7.1		7.8	6.5		7.4	6.2	
34.0	8.6	7.9	6.0	8.5	8.2	6.1	8.2	6.8	5.9	7.4	6.2		7.0	5.9	
36.0	7.3	7.6	5.9	7.2	7.9	6.0	7.3	6.5	5.7	7.0	5.9	5.3	6.7	5.5	
38.0	6.2	7.2	5.7	6.0	7.5	5.8	6.1	6.3	5.5	6.5	5.7	5.1	6.2	5.2	4.4
40.0	5.2	6.9	5.5	5.0	7.2	5.6	5.1	6.0	5.3	5.5	5.4	4.9	5.2	4.9	4.2
42.0	4.3	6.2	5.4	4.1	6.2	5.5	4.2	5.8	5.1	4.6	5.2	4.7	4.3	4.6	4.0
44.0	3.5	5.3	5.3	3.3	5.2	5.4	3.4	5.3	5.0	3.8	5.0	4.5	3.5	4.3	3.8
46.0	2.7	4.4	5.1	2.6	4.3	5.2	2.7	4.4	4.8	3.0	4.8	4.3		4.1	3.6
48.0	2.1	3.6	4.8		3.5	4.9		3.7	4.7		4.0	4.2		3.8	3.4
50.0	1.5	2.9	4.0		2.8	4.0		2.9	4.2		3.3	4.1		3.1	3.3
54.0		1.6	2.4			2.5			2.7			3.1			3.0
θ (°)	46 to 83	50 to 84.5	55 to 84.5	54 to 83	58 to 84.5	60 to 84.5	57 to 83	61 to 84.5	63 to 84.5	60 to 83	64 to 84.5	66 to 84.5	64 to 83	66 to 84.5	68 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	17.2														
16.0	16.2			15.1											
18.0	15.3			14.3			12.9								
20.0	14.5			13.6			12.0			10.6					
22.0	13.7			12.9			11.1			9.8			9.4		
24.0	12.8			12.3			10.4			9.2			8.7		
26.0	12.0	7.9		11.7			9.8			8.6			8.2		
28.0	11.3	7.5		11.1	7.7		9.2			8.0			7.7		
30.0	10.7	7.1		10.6	7.3		8.7	6.8		7.5			7.2		
32.0	10.1	6.7		10.1	6.9		8.2	6.5		7.1	5.8		6.8	5.4	
34.0	8.9	6.4		8.7	6.6		7.8	6.2		6.7	5.6		6.4	5.0	
36.0	7.7	6.1	4.5	7.4	6.3		7.4	5.9		6.4	5.3		6.1	4.7	
38.0	6.5	5.8	4.3	6.3	6.0	4.4	6.6	5.7		6.0	5.0		5.8	4.4	
40.0	5.5	5.5	4.2	5.3	5.7	4.2	5.6	5.5	4.5	5.7	4.8		5.3	4.1	
42.0	4.6	5.3	4.0	4.4	5.5	4.1	4.7	5.2	4.4	4.7	4.6	4.1	4.5	3.9	3.3
44.0	3.8	5.0	3.9	3.6	5.3	4.0	3.9	5.0	4.3	3.9	4.4	3.9		3.6	3.1
46.0	3.0	4.8	3.8	2.8	4.9	3.9	3.1	4.8	4.1	3.2	4.2	3.7		3.4	2.9
48.0	2.4	4.2	3.7		4.1	3.7		4.5	4.0		4.0	3.5		3.2	2.7
50.0		3.5	3.6		3.4	3.7		3.7	3.9		3.8	3.3		3.0	2.6
54.0		2.2	3.4			3.4			3.7			3.0			2.3
58.0			2.1												
θ (°)	53 to 83	56 to 84.5	58 to 84.5	58 to 83	63 to 84.5	66 to 84.5	60 to 83	66 to 84.5	69 to 84.5	63 to 83	68 to 84.5	72 to 84.5	67 to 83	70 to 84.5	73 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 6.8m

Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	34.6	33.6	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	27.4	28.1	28.7	27.7	26.8	26.0	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	22.1	22.8	23.2	22.4	23.1	23.5	20.3	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	18.1	18.7	19.0	18.5	19.0	19.4	19.0	18.3	17.9	16.6	16.1	15.8	15.7	15.2	14.9
22.0	15.0	15.5	15.8	15.3	15.8	16.1	16.0	16.4	16.7	15.6	15.1	14.8	14.7	14.3	14.1
24.0	12.5	12.9	13.1	12.8	13.2	13.5	13.4	13.8	14.1	14.0	14.3	14.0	13.9	13.5	13.3
26.0	10.3	10.7	11.0	10.7	11.1	11.3	11.4	11.7	11.9	11.9	12.3	12.5	12.0	12.4	12.6
28.0	8.4	8.7	8.9	8.7	9.1	9.3	9.5	9.9	10.1	10.2	10.5	10.7	10.3	10.6	10.8
30.0	6.7	7.0	7.2	7.1	7.4	7.6	7.8	8.2	8.4	8.5	8.8	9.1	8.6	8.9	9.2
32.0	5.3	5.5	5.6	5.6	5.9	6.1	6.4	6.7	6.9	7.0	7.4	7.5	7.1	7.4	7.7
34.0	4.1	4.3	4.3	4.4	4.7	4.8	5.1	5.4	5.5	5.8	6.1	6.2	5.9	6.2	6.3
36.0	3.0	3.2		3.3	3.6	3.6	4.0	4.3	4.4	4.7	4.9	5.1	4.8	5.0	5.2
38.0				2.4	2.6	2.6	3.1	3.3	3.4	3.7	3.9	4.0	3.8	4.0	4.1
40.0							2.2	2.4	2.5	2.9	3.1	3.1	2.9	3.1	3.2
42.0							1.5	1.6	1.7	2.1	2.3	2.3	2.1	2.3	2.4
44.0											1.5	1.6			1.7
θ (°)	37 to 84.5	38 to 84.5	43 to 84.5	41 to 84.5	42 to 84.5	42 to 84.5	41 to 84.5	42 to 84.5	42 to 84.5	47 to 84.5	45 to 84.5	45 to 84.5	51 to 84.5	52 to 84.5	50 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 47t, outrigger extension width 6.8m

Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	28.1	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	22.9	24.2	21.8	23.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	18.9	20.8	21.0	19.1	19.2	17.8	16.7	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	15.7	17.4	18.8	16.0	17.7	16.9	15.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	13.2	14.7	15.9	13.5	14.9	16.1	13.8	13.3	12.3	13.0	11.9	10.9	12.3	11.3	10.4
26.0	11.2	12.4	13.5	11.4	12.7	13.7	11.7	12.6	11.9	12.1	11.3	10.5	11.5	10.7	9.9
28.0	9.2	10.6	11.5	9.5	10.8	11.7	9.9	11.1	11.4	10.4	10.8	10.0	10.3	10.2	9.5
30.0	7.6	8.9	9.8	7.9	9.2	10.0	8.2	9.5	10.4	8.8	9.9	9.7	8.6	9.7	9.2
32.0	6.2	7.3	8.2	6.4	7.6	8.5	6.8	8.0	8.9	7.3	8.5	9.3	7.2	8.4	8.8
34.0	4.9	6.0	6.7	5.2	6.3	7.1	5.6	6.7	7.5	6.1	7.2	8.0	5.9	7.0	7.9
36.0	3.9	4.8	5.4	4.1	5.1	5.8	4.5	5.5	6.2	5.0	6.0	6.7	4.8	5.8	6.6
38.0	2.9	3.7	4.2	3.1	4.0	4.6	3.5	4.4	5.1	4.0	4.9	5.6	3.8	4.8	5.5
40.0		2.8	3.2	2.3	3.1	3.6	2.7	3.5	4.0	3.1	4.0	4.6	3.0	3.8	4.5
42.0				1.5	2.2	2.7	1.9	2.6	3.1	2.3	3.1	3.7		3.0	3.6
44.0					1.5	1.8		1.9	2.3		2.4	2.8			2.8
46.0									1.6			2.1			
θ (°)	44 to 83	45 to 84.5	48 to 84.5	44 to 83	45 to 84.5	47 to 84.5	49 to 83	50 to 84.5	49 to 84.5	53 to 83	54 to 84.5	54 to 84.5	58 to 83	60 to 84.5	60 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Counterweight 47t, outrigger extension width 6.8m

Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	26.3	20.6		22.6			17.9			15.6			14.8		
18.0	23.5	19.5		20.8	17.9		16.5	13.4		14.5			13.7		
20.0	19.5	18.6		19.4	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	16.4	17.8	14.0	16.4	15.8		14.3	12.0		12.6	10.7		12.0	10.2	
24.0	13.8	16.0	13.6	13.8	15.0	13.7	13.4	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	11.7	13.6	13.3	11.7	13.7	13.1	12.1	11.0	9.7	11.1	9.6	8.7	10.5	9.2	8.3
28.0	9.9	11.7	12.9	9.9	11.7	12.5	10.3	10.5	9.3	10.5	9.2	8.3	9.9	8.7	7.9
30.0	8.2	10.0	11.3	8.2	10.1	11.4	8.7	10.1	9.0	8.9	8.8	8.0	8.7	8.4	7.6
32.0	6.8	8.6	9.7	6.8	8.6	9.8	7.2	9.0	8.7	7.5	8.4	7.7	7.2	8.0	7.3
34.0	5.5	7.1	8.4	5.5	7.2	8.5	6.0	7.6	8.5	6.2	7.9	7.4	6.0	7.7	7.1
36.0	4.4	5.9	7.0	4.4	6.0	7.2	4.9	6.4	7.6	5.1	6.6	7.1	4.9	6.5	6.8
38.0	3.5	4.8	5.8	3.5	4.9	5.9	3.9	5.3	6.4	4.1	5.5	6.6	3.9	5.4	6.5
40.0	2.6	3.8	4.7	2.6	3.9	4.8	3.0	4.3	5.3	3.2	4.5	5.6	3.0	4.4	5.5
42.0	1.9	2.9	3.7	1.8	3.0	3.8	2.2	3.4	4.3	2.5	3.7	4.6		3.5	4.5
44.0		2.1	2.7		2.2	2.9		2.6	3.4		2.9	3.7			3.6
46.0			1.9			2.1			2.6			2.9			2.8
θ (°)	45 to 83	48 to 84.5	48 to 84.5	50 to 83	53 to 84.5	54 to 84.5	54 to 83	57 to 84.5	58 to 84.5	57 to 83	60 to 84.5	62 to 84.5	61 to 83	64 to 84.5	64 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 47t, outrigger extension width 6.8m

Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	19.6	14.4		17.9			14.0			12.2			11.6		
22.0	16.9	13.6		16.7	13.8		13.1	10.3		11.4			10.8		
24.0	14.3	12.9		14.2	13.2		12.2	9.8		10.6	8.8		10.1		
26.0	12.2	12.3	9.3	12.1	12.6		11.4	9.4		10.0	8.3		9.5	8.0	
28.0	10.4	11.7	9.0	10.4	12.1	9.1	10.5	9.0		9.4	7.9		9.0	7.6	
30.0	8.8	10.9	8.7	8.7	10.9	8.9	8.9	8.6	7.5	8.9	7.6	6.7	8.5	7.2	
32.0	7.3	9.5	8.5	7.2	9.4	8.6	7.4	8.2	7.2	7.6	7.2	6.5	7.3	6.9	6.2
34.0	6.0	8.2	8.3	6.0	8.2	8.4	6.1	7.9	7.0	6.3	6.9	6.2	6.0	6.6	6.0
36.0	4.9	6.9	8.1	4.8	6.9	8.2	5.0	7.0	6.8	5.2	6.6	6.0	4.9	6.3	5.7
38.0	3.9	5.7	7.2	3.9	5.7	7.3	4.0	5.9	6.5	4.2	6.1	5.8	3.9	5.9	5.5
40.0	3.1	4.7	6.0	3.0	4.7	6.1	3.2	4.9	6.3	3.3	5.0	5.6		4.9	5.3
42.0	2.3	3.8	5.0	2.2	3.8	5.1		4.0	5.3		4.1	5.4		4.0	5.1
44.0		2.9	4.0		3.0	4.1		3.2	4.3		3.3	4.5			4.4
46.0		2.2	3.1		2.2	3.2			3.5			3.7			3.6
48.0			2.3			2.4			2.7			2.9			
θ (°)	51 to 83	53 to 84.5	55 to 84.5	55 to 83	57 to 84.5	60 to 84.5	59 to 83	62 to 84.5	63 to 84.5	62 to 83	65 to 84.5	66 to 84.5	66 to 83	69 to 84.5	70 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 6.8m
Boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	20.4			18.9											
16.0	19.0			17.7			14.7								
18.0	17.8			16.7			13.6			12.4					
20.0	16.7			15.7			12.6			11.4			10.9		
22.0	15.8			14.9			11.7			10.6			10.1		
24.0	14.5	10.2		14.1	10.5		11.0			9.9			9.5		
26.0	12.4	9.6		12.3	9.9		10.3	8.2		9.3			8.9		
28.0	10.6	9.1		10.5	9.4		9.8	7.8		8.7	7.2		8.3		
30.0	9.0	8.7		8.8	9.0		8.9	7.4		8.2	6.8		7.9	6.5	
32.0	7.5	8.3	6.2	7.4	8.6	6.3	7.5	7.1		7.8	6.5		7.4	6.2	
34.0	6.2	7.9	6.0	6.1	8.2	6.1	6.2	6.8	5.9	6.6	6.2		6.3	5.9	
36.0	5.1	7.6	5.9	5.0	7.5	6.0	5.1	6.5	5.7	5.5	5.9	5.3	5.2	5.5	
38.0	4.1	6.4	5.7	4.0	6.3	5.8	4.1	6.3	5.5	4.5	5.7	5.1	4.2	5.2	4.4
40.0	3.3	5.3	5.5	3.1	5.3	5.6	3.2	5.4	5.3	3.6	5.4	4.9		4.9	4.2
42.0	2.5	4.4	5.4		4.3	5.5		4.4	5.1		4.8	4.7		4.6	4.0
44.0		3.5	5.0		3.5	5.0		3.6	5.0		3.9	4.5			3.8
46.0		2.7	4.1		2.7	4.1			4.3			4.3			3.6
48.0			3.3			3.3			3.5			3.9			3.4
50.0			2.5			2.5									
θ (°)	55 to 83	59 to 84.5	61 to 84.5	60 to 83	62 to 84.5	64 to 84.5	62 to 83	67 to 84.5	69 to 84.5	65 to 83	69 to 84.5	72 to 84.5	68 to 83	72 to 84.5	73 to 84.5
Standard hook block	35t												12.2t		
Hook block weight	950kg												440kg		
Standard number of parts of line	2												1		

Counterweight 25t, outrigger extension width 8.5m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.3	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	31.1	32.1	32.7	30.3	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	23.9	24.7	25.3	24.3	25.1	25.7	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	18.8	19.5	20.0	19.2	19.9	20.3	19.9	19.5	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	15.1	15.6	16.0	15.4	16.0	16.4	16.1	16.7	17.0	16.6	16.1	15.8	15.7	15.2	14.9
22.0	12.1	12.6	12.9	12.5	13.0	13.3	13.1	13.6	14.0	13.7	14.2	14.6	13.9	14.3	14.1
24.0	9.7	10.2	10.5	10.1	10.5	10.8	10.8	11.2	11.5	11.4	11.8	12.1	11.5	11.9	12.2
26.0	7.5	8.0	8.2	7.9	8.4	8.7	8.7	9.2	9.5	9.4	9.8	10.0	9.5	9.9	10.2
28.0	5.8	6.1	6.3	6.1	6.5	6.8	6.9	7.3	7.6	7.6	8.0	8.3	7.7	8.1	8.4
30.0	4.2	4.6	4.7	4.6	5.0	5.2	5.4	5.8	6.0	6.1	6.5	6.7	6.2	6.6	6.8
32.0	3.0	3.2	3.3	3.3	3.6	3.8	4.1	4.4	4.6	4.8	5.1	5.3	4.9	5.2	5.4
34.0					2.5	2.6	3.0	3.3	3.4	3.6	3.9	4.1	3.7	4.0	4.2
36.0								2.2	2.4	2.6	2.9	3.0		3.0	3.1
θ (°)	45 to 84.5	46 to 84.5	47 to 84.5	51 to 84.5	49 to 84.5	50 to 84.5	53 to 84.5	51 to 84.5	52 to 84.5	55 to 84.5	56 to 84.5	56 to 84.5	60 to 84.5	59 to 84.5	59 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 25t, outrigger extension width 8.5m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	31.5	27.6		27.0	23.4		21.2			18.8					
16.0	24.8	26.1	22.7	24.8	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	19.7	22.0	21.8	20.0	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	15.9	17.9	19.6	16.2	18.2	17.8	16.5	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	12.9	14.7	16.1	13.2	14.9	16.4	13.6	14.1	12.8	13.9	12.5	11.4	13.1	11.9	
24.0	10.6	12.1	13.4	10.9	12.4	13.6	11.2	12.7	12.3	11.7	11.9	10.9	11.5	11.3	10.4
26.0	8.5	10.0	11.1	8.8	10.3	11.4	9.2	10.6	11.7	9.7	11.0	10.5	9.6	10.7	9.9
28.0	6.7	8.2	9.2	7.0	8.5	9.5	7.4	8.9	9.8	7.9	9.3	10.0	7.8	9.2	9.5
30.0	5.2	6.6	7.6	5.5	6.9	7.9	5.9	7.3	8.2	6.4	7.8	8.7	6.2	7.6	8.6
32.0	3.9	5.1	6.0	4.2	5.4	6.3	4.6	5.8	6.8	5.1	6.3	7.3	4.9	6.2	7.2
34.0	2.8	3.9	4.6	3.1	4.2	5.0	3.4	4.6	5.4	4.0	5.1	5.9	3.8	4.9	5.8
36.0		2.8	3.4		3.1	3.8		3.5	4.2		4.0	4.8		3.9	4.7
38.0						2.7			3.2		3.0	3.7			3.6
40.0												2.8			
θ (°)	50 to 83	52 to 84.5	55 to 84.5	55 to 83	56 to 84.5	56 to 84.5	58 to 83	60 to 84.5	60 to 84.5	61 to 83	61 to 84.5	61 to 84.5	64 to 83	65 to 84.5	66 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 25t, outrigger extension width 8.5m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	25.6	20.6		22.6			17.9			15.6			14.8		
18.0	20.5	19.5		20.5	17.9		16.5	13.4		14.5			13.7		
20.0	16.6	18.6		16.6	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	13.6	16.2	14.0	13.6	15.8		14.0	12.0		12.6	10.7		12.0	10.2	
24.0	11.2	13.5	13.6	11.2	13.5	13.7	11.6	11.5	10.1	11.9	10.1		11.2	9.6	
26.0	9.3	11.3	13.0	9.3	11.3	13.1	9.7	11.0	9.7	9.9	9.6	8.7	9.7	9.2	8.3
28.0	7.4	9.5	11.0	7.4	9.5	11.0	7.9	9.9	9.3	8.1	9.2	8.3	7.9	8.7	7.9
30.0	5.9	7.9	9.3	5.9	8.0	9.3	6.4	8.3	9.0	6.6	8.5	8.0	6.4	8.4	7.6
32.0	4.6	6.4	7.8	4.6	6.5	7.9	5.0	6.9	8.2	5.3	7.1	7.7	5.0	7.0	7.3
34.0	3.4	5.1	6.4	3.4	5.2	6.5	3.9	5.6	7.0	4.1	5.8	7.2		5.7	7.1
36.0	2.5	3.9	5.1		4.0	5.2		4.4	5.7		4.7	5.9		4.5	5.8
38.0		2.9	3.9		3.0	4.1		3.4	4.6		3.7	4.8			4.7
40.0			2.9			3.1			3.5			3.8			
θ (°)	53 to 83	57 to 84.5	58 to 84.5	59 to 83	60 to 84.5	62 to 84.5	62 to 83	63 to 84.5	65 to 84.5	64 to 83	66 to 84.5	68 to 84.5	68 to 83	69 to 84.5	71 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 25t, outrigger extension width 8.5m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	20.8			19.3			15.0			13.1			12.4		
20.0	17.2	14.4		17.1			14.0			12.2			11.6		
22.0	14.2	13.6		14.1	13.8		13.1	10.3		11.4			10.8		
24.0	11.8	12.9		11.7	13.2		11.9	9.8		10.6	8.8		10.1		
26.0	9.8	12.3	9.3	9.7	12.4		9.9	9.4		10.0	8.3		9.5	8.0	
28.0	8.0	10.5	9.0	8.0	10.5	9.1	8.1	9.0		8.3	7.9		8.0	7.6	
30.0	6.5	8.9	8.7	6.4	8.9	8.9	6.6	8.6	7.5	6.7	7.6	6.7	6.5	7.2	
32.0	5.1	7.5	8.5	5.1	7.5	8.6	5.2	7.6	7.2	5.4	7.2	6.5	5.1	6.9	6.2
34.0	4.0	6.2	7.8	3.9	6.1	7.8	4.1	6.3	7.0		6.5	6.2		6.3	6.0
36.0	3.0	5.0	6.6		5.0	6.7		5.1	6.8		5.3	6.0		5.1	5.7
38.0		3.9	5.4		3.9	5.5		4.1	5.7		4.2	5.8			5.5
40.0		3.0	4.3			4.4			4.6			4.8			4.7
42.0			3.3			3.4			3.6			3.8			
44.0			2.4												
θ (°)	57 to 83	60 to 84.5	60 to 84.5	62 to 83	66 to 84.5	66 to 84.5	65 to 83	68 to 84.5	69 to 84.5	68 to 83	70 to 84.5	71 to 84.5	70 to 83	73 to 84.5	75 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 25t, outrigger extension width 8.0m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	40.3	38.4	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	38.2	36.6	35.5	32.9	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	28.4	29.3	30.1	28.7	28.8	27.8	23.6	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	21.8	22.6	23.2	22.1	22.9	23.5	21.8	20.9	20.3	19.2	18.5	18.0	18.2	17.5	17.1
18.0	17.1	17.8	18.2	17.5	18.1	18.6	18.2	18.8	19.0	17.8	17.2	16.8	16.9	16.3	15.9
20.0	13.6	14.2	14.5	13.9	14.5	14.9	14.6	15.2	15.6	15.2	15.8	15.8	15.4	15.2	14.9
22.0	10.9	11.4	11.7	11.2	11.7	12.0	11.9	12.3	12.7	12.5	12.9	13.3	12.6	13.1	13.4
24.0	8.5	9.0	9.3	8.8	9.4	9.7	9.7	10.1	10.4	10.3	10.7	10.9	10.4	10.8	11.1
26.0	6.4	6.9	7.1	6.8	7.3	7.6	7.6	8.1	8.4	8.3	8.8	9.0	8.4	8.9	9.2
28.0	4.8	5.1	5.3	5.1	5.5	5.8	5.9	6.3	6.6	6.6	7.0	7.3	6.7	7.1	7.4
30.0	3.3	3.7	3.8	3.7	4.1	4.3	4.5	4.8	5.1	5.2	5.5	5.8	5.3	5.6	5.9
32.0		2.4	2.5			3.0	3.3	3.6	3.8	3.9	4.3	4.4	4.0	4.3	4.6
34.0								2.5	2.6	2.9	3.1	3.3		3.2	3.4
θ (°)	49 to 84.5	46 to 84.5	47 to 84.5	54 to 84.5	55 to 84.5	53 to 84.5	56 to 84.5	54 to 84.5	55 to 84.5	57 to 84.5	58 to 84.5	58 to 84.5	62 to 84.5	61 to 84.5	62 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 25t, outrigger extension width 8.0m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.7			31.1											
12.0	34.8			29.6			23.3								
14.0	29.2	27.6		27.0	23.4		21.2			18.8					
16.0	22.6	25.3	22.7	22.9	21.8		19.4	16.7		17.4	14.9		15.6		
18.0	17.9	20.2	21.8	18.2	20.4	18.8	18.0	15.8	14.0	16.0	14.0		15.1		
20.0	14.4	16.4	18.0	14.7	16.6	17.8	15.0	15.0	13.4	14.9	13.2	12.0	14.0	12.5	
22.0	11.7	13.4	14.8	11.9	13.6	15.1	12.3	13.9	12.8	12.7	12.5	11.4	12.6	11.9	
24.0	9.4	11.0	12.2	9.7	11.2	12.5	10.1	11.6	12.3	10.5	11.9	10.9	10.4	11.3	10.4
26.0	7.4	9.0	10.1	7.7	9.3	10.4	8.1	9.6	10.7	8.6	10.0	10.5	8.5	9.9	9.9
28.0	5.7	7.2	8.3	6.0	7.5	8.6	6.4	7.9	8.9	6.9	8.4	9.3	6.8	8.3	9.2
30.0	4.3	5.6	6.6	4.6	5.9	7.0	5.0	6.3	7.4	5.5	6.8	7.8	5.3	6.7	7.8
32.0	3.1	4.3	5.1	3.3	4.6	5.5	3.7	5.0	5.9	4.2	5.5	6.4	4.1	5.3	6.3
34.0		3.1	3.8		3.4	4.2		3.8	4.6		4.3	5.1		4.2	5.0
36.0						3.0			3.5		3.2	4.0			3.9
θ (°)	53 to 83	55 to 84.5	58 to 84.5	57 to 83	59 to 84.5	59 to 84.5	60 to 83	62 to 84.5	62 to 84.5	63 to 83	63 to 84.5	65 to 84.5	65 to 83	67 to 84.5	68 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

Hydraulic Tilt Jib

Counterweight 25t, outrigger extension width 8.0m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	28.1			24.6			19.5								
16.0	23.4	20.6		22.6			17.9			15.6			14.8		
18.0	18.7	19.5		18.7	17.9		16.5	13.4		14.5			13.7		
20.0	15.1	18.0		15.1	16.8		15.3	12.7		13.5	11.3		12.8		
22.0	12.3	14.8	14.0	12.3	14.8		12.7	12.0		12.6	10.7		12.0	10.2	
24.0	10.1	12.3	13.6	10.1	12.3	13.7	10.5	11.5	10.1	10.7	10.1		10.5	9.6	
26.0	8.1	10.3	11.9	8.1	10.3	12.0	8.6	10.7	9.7	8.8	9.6	8.7	8.6	9.2	8.3
28.0	6.4	8.5	10.0	6.4	8.6	10.1	6.9	8.9	9.3	7.1	9.1	8.3	6.9	8.7	7.9
30.0	5.0	7.0	8.4	5.0	7.0	8.5	5.4	7.4	8.8	5.7	7.7	8.0	5.4	7.5	7.6
32.0	3.7	5.5	7.0	3.7	5.6	7.1	4.2	6.0	7.4	4.4	6.2	7.6		6.1	7.3
34.0	2.7	4.3	5.6		4.3	5.7		4.8	6.2		5.0	6.4		4.8	6.3
36.0		3.2	4.4		3.3	4.5		3.7	4.9		3.9	5.2			5.1
38.0			3.2			3.4			3.8			4.1			
θ (°)	56 to 83	59 to 84.5	61 to 84.5	61 to 83	62 to 84.5	64 to 84.5	64 to 83	65 to 84.5	67 to 84.5	66 to 83	68 to 84.5	69 to 84.5	70 to 83	71 to 84.5	73 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 25t, outrigger extension width 8.0m
Boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	25.7														
14.0	23.9			22.1			17.6								
16.0	22.2			20.7			16.2			14.2					
18.0	19.3			19.2			15.0			13.1			12.4		
20.0	15.7	14.4		15.6			14.0			12.2			11.6		
22.0	12.9	13.6		12.8	13.8		13.0	10.3		11.4			10.8		
24.0	10.6	12.9		10.6	13.2		10.7	9.8		10.6	8.8		10.1		
26.0	8.7	11.3	9.3	8.6	11.3		8.8	9.4		9.0	8.3		8.7	8.0	
28.0	7.0	9.5	9.0	6.9	9.5	9.1	7.1	9.0		7.2	7.9		7.0	7.6	
30.0	5.5	8.0	8.7	5.4	8.0	8.9	5.6	8.1	7.5	5.8	7.6	6.7		7.2	
32.0	4.3	6.6	8.4	4.2	6.6	8.4	4.4	6.8	7.2		6.9	6.5		6.7	6.2
34.0	3.2	5.3	7.1		5.3	7.1		5.5	7.0		5.6	6.2		5.5	6.0
36.0		4.2	5.9		4.2	5.9		4.4	6.1		4.5	6.0			5.7
38.0		3.2	4.7			4.8			5.0			5.1			5.0
40.0			3.6			3.7			3.9			4.1			
42.0			2.7												
θ (°)	59 to 83	62 to 84.5	63 to 84.5	64 to 83	68 to 84.5	69 to 84.5	66 to 83	69 to 84.5	71 to 84.5	70 to 83	72 to 84.5	73 to 84.5	73 to 83	75 to 84.5	76 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 25t, outrigger extension width 6.8m
Boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	47.7														
9.0	44.9	42.5		38.0											
10.0	42.5	40.3	38.9	36.1	33.9		28.4								
11.0	35.5	36.9	37.1	34.4	32.4	31.1	27.0	25.5		23.9					
12.0	30.1	31.3	32.2	30.4	31.1	29.9	25.7	24.4	23.5	22.8	21.5				
14.0	22.3	23.3	24.0	22.7	23.6	24.3	23.4	22.5	21.7	20.8	19.9	19.2	19.7		
16.0	17.0	17.8	18.4	17.4	18.1	18.7	18.1	18.8	19.4	18.7	18.5	18.0	18.2	17.5	17.1
18.0	13.2	13.9	14.3	13.5	14.2	14.6	14.2	14.8	15.3	14.8	15.4	15.9	15.0	15.6	15.9
20.0	10.3	10.8	11.2	10.6	11.2	11.5	11.3	11.8	12.2	11.9	12.4	12.8	12.0	12.5	12.9
22.0	7.7	8.3	8.6	8.1	8.7	9.1	8.9	9.4	9.8	9.6	10.0	10.3	9.7	10.1	10.4
24.0	5.6	6.1	6.4	6.0	6.5	6.8	6.8	7.3	7.6	7.5	8.0	8.3	7.6	8.1	8.4
26.0	3.9	4.3	4.6	4.3	4.7	5.0	5.0	5.5	5.8	5.7	6.2	6.5	5.8	6.3	6.6
28.0							3.6	4.0	4.2	4.3	4.7	4.9	4.4	4.8	5.0
30.0												3.6			
θ (°)	55 to 84.5	57 to 84.5	57 to 84.5	60 to 84.5	61 to 84.5	62 to 84.5	61 to 84.5	62 to 84.5	62 to 84.5	64 to 84.5	65 to 84.5	63 to 84.5	66 to 84.5	67 to 84.5	68 to 84.5
Standard hook block	80t			80t			35t								
Hook block weight	1550kg			1550kg			950kg								
Standard number of parts of line	5			4			3								

Counterweight 25t, outrigger extension width 6.8m
Boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	38.8														
11.0	36.3			31.1											
12.0	30.8			29.6			23.3								
14.0	23.1	26.2		23.4	23.4		21.2			18.8					
16.0	17.8	20.4	22.6	18.1	20.7		18.4	16.7		17.4	14.9		15.6		
18.0	13.9	16.1	18.0	14.2	16.4	18.3	14.6	15.8	14.0	15.1	14.0		14.9		
20.0	11.0	12.9	14.5	11.3	13.2	14.8	11.6	13.5	13.4	12.1	13.2	12.0	12.0	12.5	
22.0	8.6	10.4	11.8	8.9	10.7	12.0	9.3	11.0	12.3	9.8	11.4	11.4	9.7	11.3	
24.0	6.5	8.3	9.5	6.8	8.6	9.8	7.2	8.9	10.1	7.7	9.3	10.5	7.6	9.2	10.4
26.0	4.8	6.4	7.7	5.1	6.7	8.0	5.5	7.1	8.3	6.0	7.6	8.7	5.8	7.5	8.6
28.0		4.8	5.9	3.6	5.1	6.3		5.5	6.7	4.5	6.0	7.2		5.9	7.1
30.0			4.4		3.7	4.8		4.1	5.2		4.6	5.7			5.6
32.0						3.5			3.9			4.4			
θ (°)	61 to 83	63 to 84.5	64 to 84.5	62 to 83	64 to 84.5	64 to 84.5	66 to 83	66 to 84.5	67 to 84.5	67 to 83	69 to 84.5	69 to 84.5	70 to 83	72 to 84.5	73 to 84.5
Standard hook block	80t			35t											
Hook block weight	1550kg			950kg											
Standard number of parts of line	4			3											

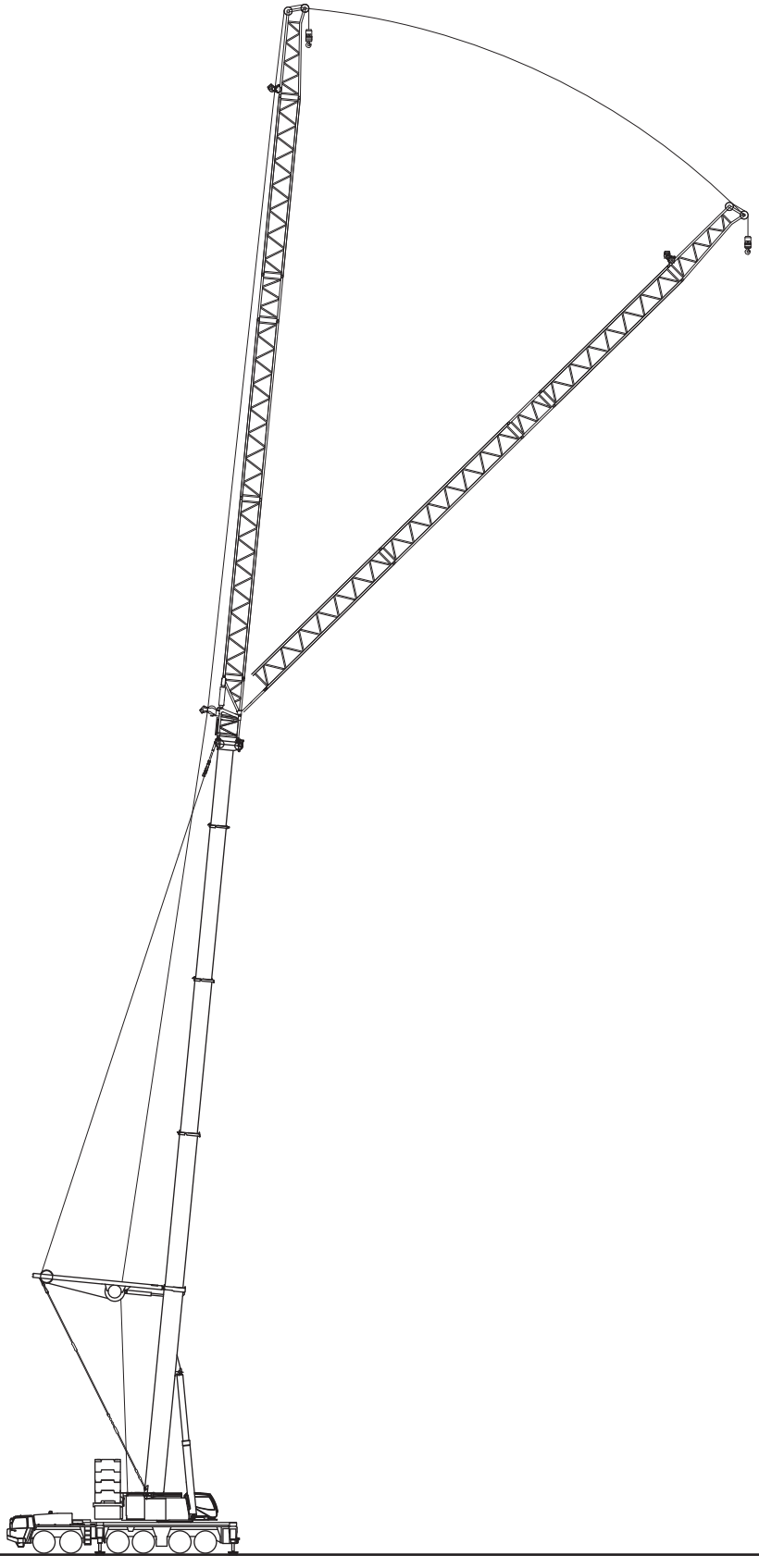
Hydraulic Tilt Jib

Counterweight 25t, outrigger extension width 6.8m
Boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius	Offset			Offset			Offset			Offset			Offset		
(m)	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	31.5														
12.0	30.3			27.0											
14.0	23.9			23.9			19.5								
16.0	18.5	20.6		18.5			17.9			15.6			14.8		
18.0	14.6	17.8		14.6	17.8		15.1	13.4		14.5			13.7		
20.0	11.7	14.4		11.7	14.5		12.1	12.7		12.3	11.3		12.1		
22.0	9.3	11.8	13.9	9.3	11.8		9.8	12.0		10.0	10.7		9.8	10.2	
24.0	7.2	9.6	11.5	7.2	9.7	11.5	7.7	10.0	10.1	7.9	10.1		7.7	9.6	
26.0	5.5	7.9	9.5	5.5	7.9	9.6	5.9	8.3	9.7	6.2	8.4	8.7		8.3	8.3
28.0	4.0	6.2	7.8		6.2	7.9		6.7	8.2		6.9	8.3		6.7	7.9
30.0		4.7	6.4		4.8	6.5		5.2	6.8		5.4	7.0			6.9
32.0		3.5	4.9			5.0			5.5			5.7			5.6
34.0			3.7			3.8			4.2			4.5			
θ (°)	62 to 83	64 to 84.5	66 to 84.5	67 to 83	69 to 84.5	69 to 84.5	69 to 83	71 to 84.5	71 to 84.5	71 to 83	73 to 84.5	73 to 84.5	74 to 83	76 to 84.5	76 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

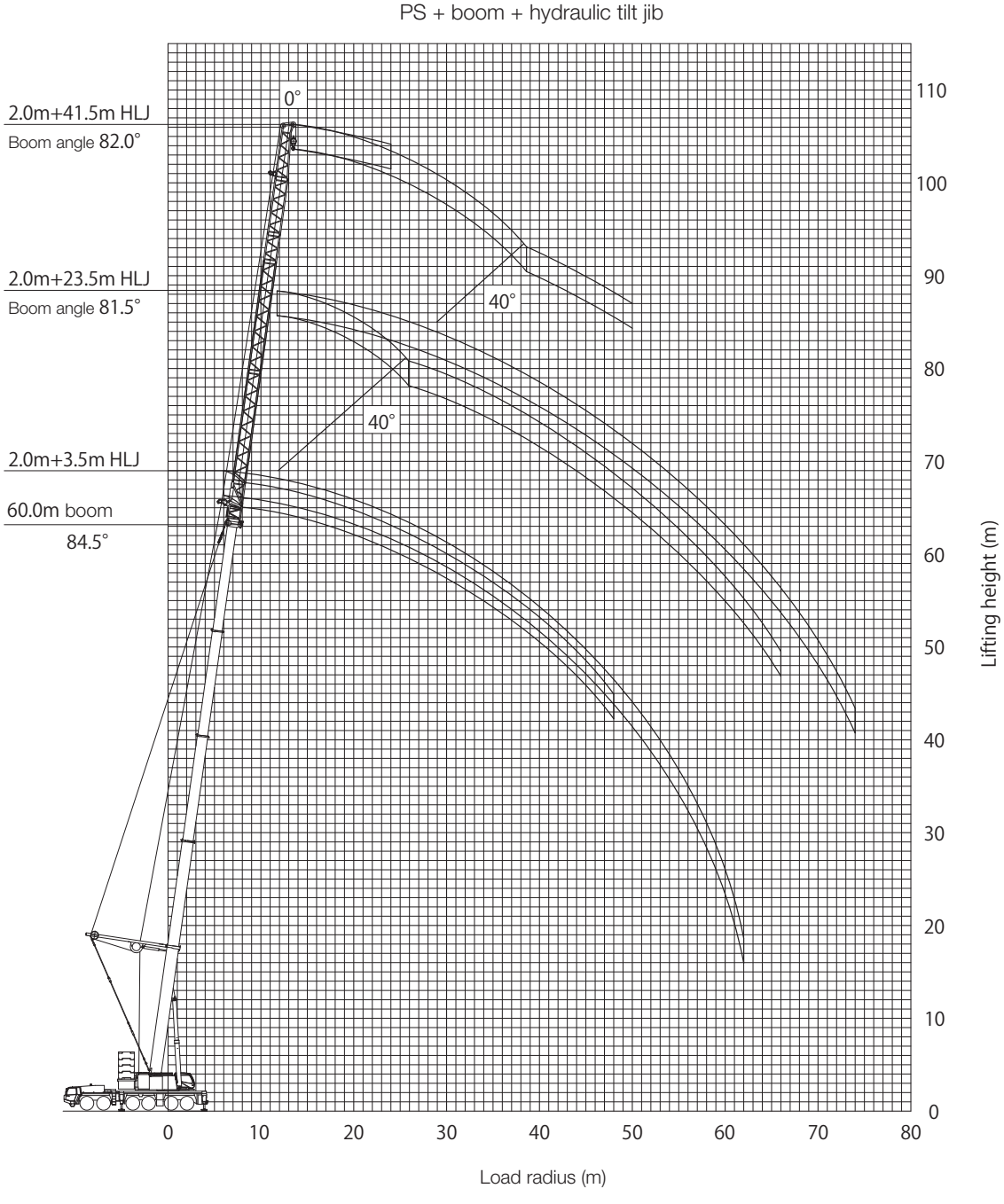
ALL TERRAIN CRANE
ATF400G-6
PS + Hydraulic Tilt Jib



PS: Power System

PS + Hydraulic Tilt Jib

Working range chart for PS + boom + hydraulic tilt jib (HLJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 138t and outrigger extension width 8.5m.

Rated lifting capacity table for PS + boom + hydraulic tilt jib (HLJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t	25 t
8.5 m	○	○	○	○	○	○	○
8.0 m		○	○	○	○	○	○
6.8 m				○	○	○	○

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom and jib deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	40.4 m	45.4 m	50.5 m	55.6 m	60.0 m
Telescopic section 1	90	90	90	90	100
Telescopic section 2	90	90	90	90	100
Telescopic section 3	45	90	90	90	100
Telescopic section 4	0	0	45	90	100

◆ When the boom length is less than 40.4m, the capacity setting is not made. Also, when the B pins (boom fixing pins) are not inserted, operation is not allowed.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table:

・ The lower limit of the number of parts of line is as follows in the table below.

Jib length	3.5m	11.5m	17.5m	23.5m -
Minimum number of parts of line	3	2		1

・ The upper limit of the maximum load is as follows in the table below.

Number of parts of line	4	3	2	1
Maximum load	47.4t	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "Offset" indicates an angle formed between the boom centerline and jib centerline.

◆ "θ(°)" indicates the boom angle range in which no-load operation is enabled.

PS + Hydraulic Tilt Jib

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
9.0	58.6			52.9											
10.0	58.6	58.6		52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	56.8	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	50.2	48.4	47.2	45.4	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	44.8	43.4	42.5	42.5	41.1	39.9	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	40.3	39.2	38.6	38.3	37.2	36.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	36.5	35.7	35.2	34.7	33.8	33.3	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	33.3	32.7	32.3	31.6	30.9	30.6	23.8	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	30.6	30.1	29.8	29.0	28.4	28.2	22.9	21.5	20.7	18.4	17.5	16.9	17.6	16.8	16.2
28.0	28.2	27.7	27.6	26.7	26.3	26.0	22.1	20.8	20.1	17.6	16.8	16.3	16.8	16.1	15.6
30.0	26.0	25.7	25.6	24.7	24.3	24.2	21.3	20.1	19.5	16.9	16.1	15.7	15.6	15.2	14.9
32.0	24.2	23.9	23.8	22.9	22.6	22.5	20.6	19.5	19.0	16.2	15.6	15.2	14.5	14.1	13.9
34.0	22.5	22.3	22.3	21.3	21.1	21.0	20.0	19.0	18.6	15.7	15.0	14.7	13.5	13.2	13.0
36.0	21.0	20.9		19.8	19.7	19.6	19.4	18.6	18.2	15.1	14.6	14.3	12.6	12.3	12.2
38.0	19.2	19.5		18.6	18.4	18.4	18.1	18.0	17.9	14.6	14.1	13.9	11.8	11.6	11.5
40.0	16.1	16.4		17.4	17.3		17.0	16.8	16.8	14.2	13.7	13.5	11.0	10.9	10.8
42.0	12.2			16.3	16.2		16.0	15.9	15.8	13.8	13.4	13.2	10.4	10.2	10.2
44.0	3.8			14.3	14.6		15.0	14.9		13.4	13.0	12.9	9.7	9.6	9.6
46.0				11.5	11.7		14.2	14.1		13.1	12.7	12.7	9.2	9.1	9.1
48.0				7.4			13.0	13.2		12.8	12.5		8.7	8.6	8.6
50.0							10.8	11.0		12.4	12.3		8.2	8.1	
54.0							2.5			10.1	10.3		7.1	7.2	
58.0										4.9			6.1	6.2	
62.0													4.4		
θ (°)	0 to 81	27 to 81	43 to 81	13 to 82	23 to 82	42 to 82	0 to 83	25 to 83	42 to 83	13 to 84	27 to 84	42 to 84	15 to 84	27 to 84	45 to 84
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	37.6	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	35.3	28.1	23.3	33.9	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	32.0	27.1	22.8	30.6	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	29.2	26.1	22.3	27.9	25.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	26.7	25.3	21.9	25.5	24.1	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	24.6	23.5	21.5	23.5	22.3	21.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	22.7	21.8	21.2	21.7	20.7	20.2	16.3	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	21.1	20.3	19.9	20.1	19.3	18.9	15.6	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	19.6	19.0	18.7	18.6	18.0	17.6	15.0	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	18.3	17.8	17.5	17.4	16.8	16.5	14.4	12.6	11.6	12.0	10.7	10.0	10.4	9.8	9.5
38.0	17.1	16.7	16.5	16.2	15.8	15.6	13.9	12.2	11.3	11.5	10.3	9.7	9.7	9.2	8.9
40.0	16.0	15.7	15.5	15.1	14.8	14.6	13.4	11.9	11.0	11.1	10.0	9.4	9.0	8.6	8.4
42.0	15.0	14.8	14.7	14.2	13.9	13.8	12.9	11.5	10.8	10.7	9.7	9.1	8.4	8.1	7.9
44.0	14.1	13.9		13.3	13.1	13.0	12.5	11.3	10.6	10.3	9.4	8.9	7.9	7.6	7.4
46.0	13.3	13.1		12.5	12.3	12.3	12.2	11.0	10.4	10.0	9.1	8.7	7.4	7.1	7.0
48.0	11.4	12.4		11.8	11.6		11.5	10.8	10.3	9.6	8.9	8.5	6.9	6.7	6.6
50.0	8.3			11.1	11.0		10.8	10.6	10.2	9.3	8.6	8.3	6.5	6.3	6.3
54.0				8.0	9.2		9.6	9.5		8.8	8.2	8.0	5.7	5.6	5.6
58.0							7.5	8.6		8.4	7.9		5.1	5.0	
62.0										7.1	7.5		4.5	4.5	
66.0										2.7			4.0	4.0	
70.0													2.4		
θ (°)	17 to 82	28 to 82	44 to 82	20 to 83	24 to 83	44 to 83	22 to 83	26 to 84	43 to 84	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	25.2	17.5	13.6	24.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	24.0	16.7	13.3	23.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	22.4	16.1	12.9	21.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	20.7	15.4	12.7	19.7	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	19.2	14.9	12.4	18.2	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	17.8	14.4	12.2	16.9	15.0	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	16.6	13.9	12.0	15.8	14.5	12.2	12.1	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	15.5	13.5	11.8	14.7	14.0	12.0	11.6	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	14.5	13.1	11.7	13.7	13.3	11.8	11.1	9.5	8.6	9.4	8.2	7.5	7.8	7.3	7.0
42.0	13.6	12.8	11.6	12.8	12.5	11.7	10.7	9.2	8.4	9.0	7.9	7.3	7.3	6.9	6.7
44.0	12.8	12.5	11.5	12.0	11.8	11.6	10.3	9.0	8.2	8.7	7.7	7.1	6.7	6.4	6.3
46.0	12.0	11.8	11.5	11.3	11.1	11.0	10.0	8.7	8.0	8.4	7.4	6.9	6.3	6.0	5.9
48.0	11.3	11.2	11.1	10.6	10.4	10.4	9.7	8.5	7.9	8.1	7.2	6.7	5.9	5.6	5.6
50.0	10.7	10.6		10.0	9.9	9.8	9.4	8.3	7.8	7.8	7.0	6.6	5.5	5.3	5.3
54.0	9.0	9.5		8.9	8.8		8.6	7.9	7.5	7.3	6.6	6.3	4.8	4.7	4.7
58.0				7.9	7.9		7.7	7.6		6.8	6.3	6.0	4.2	4.1	4.2
62.0				3.2			6.8	6.8		6.5	6.0		3.6	3.6	3.7
66.0							3.8			5.9	5.8		3.2	3.2	
70.0										3.9	5.1		2.8	2.8	
74.0													2.5	2.5	
θ (°)	23 to 83	28 to 83	44 to 83	11 to 83	30 to 84	48 to 84	16 to 83	31 to 84	47 to 84	19 to 83	23 to 84.5	47 to 84.5	20 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	17.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	15.1	10.7	8.5	16.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	14.2	10.3	8.3	15.3	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	13.4	9.9	8.1	14.4	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	12.6	9.6	7.9	13.4	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	12.0	9.2	7.7	12.5	9.6	7.9	9.5	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	11.4	8.9	7.6	11.7	9.3	7.7	9.1	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	10.8	8.6	7.5	11.0	9.0	7.6	8.7	7.3	6.6	7.5	6.4	5.8	5.0	5.5	4.9
46.0	10.3	8.4	7.4	10.3	8.7	7.5	8.4	7.1	6.4	7.2	6.2	5.6	4.7	5.1	4.7
48.0	9.8	8.1	7.3	9.6	8.5	7.4	8.1	6.9	6.3	6.9	6.0	5.5	4.4	4.8	4.5
50.0	9.4	7.9	7.2	9.1	8.3	7.3	7.8	6.7	6.1	6.6	5.8	5.3	4.1	4.4	4.3
54.0	8.6	7.6	7.2	8.0	7.9	7.2	7.3	6.4	5.9	6.1	5.4	5.0	3.5	3.9	3.9
58.0	7.7	7.3		7.1	7.0	7.1	6.8	6.1	5.7	5.7	5.1	4.8	3.0	3.4	3.4
62.0	4.7			6.3	6.3		6.0	5.8	5.5	5.3	4.8	4.5	2.5	2.9	3.0
66.0				4.6	5.6		5.3	5.3		4.9	4.4	4.3	2.1	2.5	2.6
70.0							4.3	4.7		4.5	4.2		1.8	2.1	
74.0										3.9	3.9		1.5	1.8	
78.0														1.6	
θ (°)	16 to 83	33 to 83	45 to 83	19 to 83	25 to 84	45 to 84	21 to 83	27 to 84.5	45 to 84.5	23 to 83	29 to 84.5	45 to 84.5	30 to 83	30 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.9	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	9.5	6.9	5.5	10.2	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	8.9	6.7	5.4	9.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	8.5	6.4	5.3	9.2	6.7	5.4	7.5	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	8.0	6.2	5.1	8.7	6.5	5.2	7.2	6.0	5.2	6.4	5.4	4.8	2.3	4.1	3.6
48.0	7.6	6.0	5.0	8.3	6.3	5.1	6.9	5.8	5.1	6.1	5.2	4.6	2.1	3.9	3.4
50.0	7.2	5.8	5.0	7.9	6.1	5.0	6.7	5.6	5.0	5.9	5.0	4.4	1.8	3.6	3.3
54.0	6.6	5.4	4.8	7.1	5.7	4.9	6.2	5.2	4.7	5.3	4.5	4.0		3.2	3.0
58.0	6.0	5.1	4.8	6.3	5.4	4.8	5.8	4.9	4.4	4.8	4.1	3.7		2.7	2.7
62.0	5.5	4.9		5.5	5.1	4.7	5.2	4.6	4.2	4.3	3.8	3.4		2.3	2.4
66.0	5.1	4.8		4.9	4.9		4.6	4.3	4.0	3.9	3.4	3.2		1.9	2.0
70.0				4.3	4.3		4.0	4.0		3.6	3.2	3.0		1.6	1.7
74.0							3.5	3.5		3.1	2.9				
78.0										2.7	2.8				
82.0										1.8	2.4				
θ (°)	21 to 83	29 to 84	49 to 84	23 to 83	31 to 84.5	49 to 84.5	25 to 83	32 to 84.5	49 to 84.5	19 to 83	26 to 84.5	49 to 84.5	59 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	6.6	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	6.3	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	6.0	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	5.6	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	5.0	4.1	3.6	2.7	3.3	2.9		2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	4.6	3.8	3.4	2.3	3.0	2.6		1.9	1.8
66.0	4.0	3.4	3.2	4.3	3.6	3.2	4.2	3.5	3.2	1.8	2.7	2.4			1.6
70.0	3.6	3.3		3.8	3.4	3.2	3.6	3.3	3.0		2.4	2.2			
74.0	2.2			3.3	3.3		3.1	3.1	2.9		2.2	2.0			
78.0				2.1	2.9		2.6	2.7			2.0	1.8			
82.0							2.2	2.3			1.8				
86.0											1.6				
θ (°)	14 to 83	34 to 84.5	46 to 84.5	18 to 83	26 to 84.5	47 to 84.5	21 to 83	29 to 84.5	47 to 84.5	47 to 83	32 to 84.5	48 to 84.5	70 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	5.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	4.4	3.2	2.3		2.6	2.2		1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.9	2.9	2.1		2.3	1.9			
62.0	3.2	2.3	1.8	3.5	2.5	1.9	3.5	2.7	2.0		1.9	1.6			
66.0	2.8	2.1	1.7	3.1	2.3	1.8	3.1	2.4	1.8		1.6				
70.0	2.5	1.9	1.7	2.8	2.1	1.7	2.7	2.1	1.8						
74.0	2.2	1.8		2.5	1.9	1.7	2.3	1.9	1.6						
78.0	1.9	1.7		2.1	1.8		1.8	1.7	1.5						
82.0				1.7	1.7			1.5							
θ (°)	20 to 83	30 to 84.5	51 to 84.5	23 to 83	32 to 84.5	51 to 84.5	35 to 83	40 to 84.5	51 to 84.5	65 to 83	60 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5	
Load radius (m)	Offset		Offset		Offset	
	0°	20°	0°	20°	0°	20°
16.0	6.7					
18.0	6.7		5.6			
20.0	6.7		5.6		3.3	
22.0	6.7		5.6		3.3	
24.0	6.7		5.6		3.3	
26.0	6.7		5.6		3.3	
28.0	6.7		5.6		3.3	
30.0	6.7		5.6		3.3	
32.0	6.7		5.6		3.3	
34.0	6.4	3.7	5.6		3.3	
36.0	5.9	3.5	5.6	3.6	3.3	
38.0	5.4	3.2	5.6	3.4	3.3	3.5
40.0	5.0	3.0	5.4	3.1	3.3	3.3
42.0	4.6	2.8	5.0	2.9	3.3	3.1
44.0	4.3	2.6	4.7	2.7	3.3	2.9
46.0	4.0	2.4	4.3	2.6	3.3	2.7
48.0	3.7	2.3	4.0	2.4	3.3	2.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4
54.0	2.9	1.8	3.2	1.9	3.3	2.1
58.0	2.5	1.6	2.8	1.7	2.9	1.8
62.0	2.1		2.4	1.5	2.5	1.6
66.0	1.8		2.1		2.2	
70.0	1.5		1.8		1.8	
74.0			1.5		1.5	
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	44 to 84.5	65 to 84.5
Standard hook block	12.2t					
Hook block weight	440kg					
Standard number of parts of line	1					

PS + Hydraulic Tilt Jib

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	56.8	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	50.2	48.4	47.2	45.4	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	44.8	43.4	42.5	42.5	41.1	39.9	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	40.3	39.2	38.6	38.3	37.2	36.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	36.5	35.7	35.2	34.7	33.8	33.3	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	33.3	32.7	32.3	31.6	30.9	30.6	23.8	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	30.6	30.1	29.8	29.0	28.4	28.2	22.9	21.5	20.7	18.4	17.5	16.9	17.6	16.8	16.2
28.0	28.2	27.7	27.6	26.7	26.3	26.0	22.1	20.8	20.1	17.6	16.8	16.3	16.8	16.1	15.6
30.0	26.0	25.7	25.6	24.7	24.3	24.2	21.3	20.1	19.5	16.9	16.1	15.7	15.6	15.2	14.9
32.0	24.2	23.9	23.8	22.9	22.6	22.5	20.6	19.5	19.0	16.2	15.6	15.2	14.5	14.1	13.9
34.0	22.5	22.3	22.3	21.3	21.1	21.0	20.0	19.0	18.6	15.7	15.0	14.7	13.5	13.2	13.0
36.0	20.4	20.5		19.8	19.7	19.6	19.4	18.6	18.2	15.1	14.6	14.3	12.6	12.3	12.2
38.0	18.4	18.6		18.6	18.4	18.4	18.1	18.0	17.9	14.6	14.1	13.9	11.8	11.6	11.5
40.0	16.1	16.4		17.2	17.3		17.0	16.8	16.8	14.2	13.7	13.5	11.0	10.9	10.8
42.0	12.2			15.7	15.8		16.0	15.9	15.8	13.8	13.4	13.2	10.4	10.2	10.2
44.0	3.8			14.3	14.4		14.9	14.9		13.4	13.0	12.9	9.7	9.6	9.6
46.0				11.5	11.7		13.7	13.8		13.1	12.7	12.7	9.2	9.1	9.1
48.0				7.4			12.5	12.6		12.8	12.5		8.7	8.6	8.6
50.0							10.8	11.0		12.0	12.1		8.2	8.1	
54.0							2.5			10.0	10.0		7.1	7.2	
58.0										4.9			6.1	6.2	
62.0													4.4		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	37.6	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	35.3	28.1	23.3	33.9	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	32.0	27.1	22.8	30.6	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	29.2	26.1	22.3	27.9	25.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	26.7	25.3	21.9	25.5	24.1	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	24.6	23.5	21.5	23.5	22.3	21.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	22.7	21.8	21.2	21.7	20.7	20.2	16.3	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	21.1	20.3	19.9	20.1	19.3	18.9	15.6	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	19.6	19.0	18.7	18.6	18.0	17.6	15.0	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	18.3	17.8	17.5	17.4	16.8	16.5	14.4	12.6	11.6	12.0	10.7	10.0	10.4	9.8	9.5
38.0	17.1	16.7	16.5	16.2	15.8	15.6	13.9	12.2	11.3	11.5	10.3	9.7	9.7	9.2	8.9
40.0	16.0	15.7	15.5	15.1	14.8	14.6	13.4	11.9	11.0	11.1	10.0	9.4	9.0	8.6	8.4
42.0	15.0	14.8	14.7	14.2	13.9	13.8	12.9	11.5	10.8	10.7	9.7	9.1	8.4	8.1	7.9
44.0	14.1	13.9		13.3	13.1	13.0	12.5	11.3	10.6	10.3	9.4	8.9	7.9	7.6	7.4
46.0	13.3	13.1		12.5	12.3	12.3	12.2	11.0	10.4	10.0	9.1	8.7	7.4	7.1	7.0
48.0	11.4	12.4		11.8	11.6		11.5	10.8	10.3	9.6	8.9	8.5	6.9	6.7	6.6
50.0	8.3			11.1	11.0		10.8	10.6	10.2	9.3	8.6	8.3	6.5	6.3	6.3
54.0				8.0	9.2		9.6	9.5		8.8	8.2	8.0	5.7	5.6	5.6
58.0							7.5	8.5		8.4	7.9		5.1	5.0	
62.0										7.1	7.5		4.5	4.5	
66.0										2.7			4.0	4.0	
70.0													2.4		
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	22 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	25.2	17.5	13.6	24.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	24.0	16.7	13.3	23.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	22.4	16.1	12.9	21.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	20.7	15.4	12.7	19.7	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	19.2	14.9	12.4	18.2	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	17.8	14.4	12.2	16.9	15.0	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	16.6	13.9	12.0	15.8	14.5	12.2	12.1	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	15.5	13.5	11.8	14.7	14.0	12.0	11.6	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	14.5	13.1	11.7	13.7	13.3	11.8	11.1	9.5	8.6	9.4	8.2	7.5	7.8	7.3	7.0
42.0	13.6	12.8	11.6	12.8	12.5	11.7	10.7	9.2	8.4	9.0	7.9	7.3	7.3	6.9	6.7
44.0	12.8	12.5	11.5	12.0	11.8	11.6	10.3	9.0	8.2	8.7	7.7	7.1	6.7	6.4	6.3
46.0	12.0	11.8	11.5	11.3	11.1	11.0	10.0	8.7	8.0	8.4	7.4	6.9	6.3	6.0	5.9
48.0	11.3	11.2	11.1	10.6	10.4	10.4	9.7	8.5	7.9	8.1	7.2	6.7	5.9	5.6	5.6
50.0	10.7	10.6		10.0	9.9	9.8	9.4	8.3	7.8	7.8	7.0	6.6	5.5	5.3	5.3
54.0	9.0	9.5		8.9	8.8		8.6	7.9	7.5	7.3	6.6	6.3	4.8	4.7	4.7
58.0				7.9	7.9		7.7	7.6		6.8	6.3	6.0	4.2	4.1	4.2
62.0				3.2			6.8	6.8		6.5	6.0		3.6	3.6	3.7
66.0							3.8			5.9	5.8		3.2	3.2	
70.0										3.9	5.1		2.8	2.8	
74.0													2.5	2.5	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	20 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	17.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	15.1	10.7	8.5	16.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	14.2	10.3	8.3	15.3	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	13.4	9.9	8.1	14.4	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	12.6	9.6	7.9	13.4	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	12.0	9.2	7.7	12.5	9.6	7.9	9.5	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	11.4	8.9	7.6	11.7	9.3	7.7	9.1	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	10.8	8.6	7.5	11.0	9.0	7.6	8.7	7.3	6.6	7.5	6.4	5.8	5.0	5.5	4.9
46.0	10.3	8.4	7.4	10.3	8.7	7.5	8.4	7.1	6.4	7.2	6.2	5.6	4.7	5.1	4.7
48.0	9.8	8.1	7.3	9.6	8.5	7.4	8.1	6.9	6.3	6.9	6.0	5.5	4.4	4.8	4.5
50.0	9.4	7.9	7.2	9.1	8.3	7.3	7.8	6.7	6.1	6.6	5.8	5.3	4.1	4.4	4.3
54.0	8.6	7.6	7.2	8.0	7.9	7.2	7.3	6.4	5.9	6.1	5.4	5.0	3.5	3.9	3.9
58.0	7.7	7.3		7.1	7.0	7.1	6.8	6.1	5.7	5.7	5.1	4.8	3.0	3.4	3.4
62.0	4.7			6.3	6.3		6.0	5.8	5.5	5.3	4.8	4.5	2.5	2.9	3.0
66.0				4.6	5.6		5.3	5.3		4.9	4.4	4.3	2.1	2.5	2.6
70.0							4.3	4.7		4.5	4.2		1.8	2.1	
74.0										3.9	3.9		1.5	1.8	
78.0														1.6	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	21 to 83	27 to 84.5	45 to 84.5	23 to 83	29 to 84.5	45 to 84.5	30 to 83	30 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.9	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	9.5	6.9	5.5	10.2	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	8.9	6.7	5.4	9.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	8.5	6.4	5.3	9.2	6.7	5.4	7.5	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	8.0	6.2	5.1	8.7	6.5	5.2	7.2	6.0	5.2	6.4	5.4	4.8	2.3	4.1	3.6
48.0	7.6	6.0	5.0	8.3	6.3	5.1	6.9	5.8	5.1	6.1	5.2	4.6	2.1	3.9	3.4
50.0	7.2	5.8	5.0	7.9	6.1	5.0	6.7	5.6	5.0	5.9	5.0	4.4	1.8	3.6	3.3
54.0	6.6	5.4	4.8	7.1	5.7	4.9	6.2	5.2	4.7	5.3	4.5	4.0		3.2	3.0
58.0	6.0	5.1	4.8	6.3	5.4	4.8	5.8	4.9	4.4	4.8	4.1	3.7		2.7	2.7
62.0	5.5	4.9		5.5	5.1	4.7	5.2	4.6	4.2	4.3	3.8	3.4		2.3	2.4
66.0	5.1	4.8		4.9	4.9		4.6	4.3	4.0	3.9	3.4	3.2		1.9	2.0
70.0				4.3	4.3		4.0	4.0		3.6	3.2	3.0		1.6	1.7
74.0							3.5	3.5		3.1	2.9				
78.0										2.7	2.8				
82.0										1.8	2.4				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	23 to 83	31 to 84.5	49 to 84.5	25 to 83	32 to 84.5	49 to 84.5	19 to 83	26 to 84.5	49 to 84.5	59 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	6.6	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	6.3	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	6.0	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	5.6	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	5.0	4.1	3.6	2.7	3.3	2.9		2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	4.6	3.8	3.4	2.3	3.0	2.6		1.9	1.8
66.0	4.0	3.4	3.2	4.3	3.6	3.2	4.2	3.5	3.2	1.8	2.7	2.4			1.6
70.0	3.6	3.3		3.8	3.4	3.2	3.6	3.3	3.0		2.4	2.2			
74.0	2.2			3.3	3.3		3.1	3.1	2.9		2.2	2.0			
78.0				2.1	2.9		2.6	2.7			2.0	1.8			
82.0							2.2	2.3			1.8				
86.0											1.6				
θ (°)	14 to 83	34 to 84.5	46 to 84.5	18 to 83	26 to 84.5	47 to 84.5	21 to 83	29 to 84.5	47 to 84.5	47 to 83	32 to 84.5	48 to 84.5	70 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	5.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	4.4	3.2	2.3		2.6	2.2		1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.9	2.9	2.1		2.3	1.9			
62.0	3.2	2.3	1.8	3.5	2.5	1.9	3.5	2.7	2.0		1.9	1.6			
66.0	2.8	2.1	1.7	3.1	2.3	1.8	3.1	2.4	1.8		1.6				
70.0	2.5	1.9	1.7	2.8	2.1	1.7	2.7	2.1	1.8						
74.0	2.2	1.8		2.5	1.9	1.7	2.3	1.9	1.6						
78.0	1.9	1.7		2.1	1.8		1.8	1.7	1.5						
82.0				1.7	1.7			1.5							
θ (°)	20 to 83	30 to 84.5	51 to 84.5	23 to 83	32 to 84.5	51 to 84.5	35 to 83	40 to 84.5	51 to 84.5	65 to 83	60 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5	
Load radius (m)	Offset		Offset		Offset	
	0°	20°	0°	20°	0°	20°
16.0	6.7					
18.0	6.7		5.6			
20.0	6.7		5.6		3.3	
22.0	6.7		5.6		3.3	
24.0	6.7		5.6		3.3	
26.0	6.7		5.6		3.3	
28.0	6.7		5.6		3.3	
30.0	6.7		5.6		3.3	
32.0	6.7		5.6		3.3	
34.0	6.4	3.7	5.6		3.3	
36.0	5.9	3.5	5.6	3.6	3.3	
38.0	5.4	3.2	5.6	3.4	3.3	3.5
40.0	5.0	3.0	5.4	3.1	3.3	3.3
42.0	4.6	2.8	5.0	2.9	3.3	3.1
44.0	4.3	2.6	4.7	2.7	3.3	2.9
46.0	4.0	2.4	4.3	2.6	3.3	2.7
48.0	3.7	2.3	4.0	2.4	3.3	2.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4
54.0	2.9	1.8	3.2	1.9	3.3	2.1
58.0	2.5	1.6	2.8	1.7	2.9	1.8
62.0	2.1		2.4	1.5	2.5	1.6
66.0	1.8		2.1		2.2	
70.0	1.5		1.8		1.8	
74.0			1.5		1.5	
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	44 to 84.5	65 to 84.5
Standard hook block	12.2t					
Hook block weight	440kg					
Standard number of parts of line	1					

PS + Hydraulic Tilt Jib

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	56.8	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	50.2	48.4	47.2	45.4	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	44.8	43.4	42.5	42.5	41.1	39.9	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	40.3	39.2	38.6	38.3	37.2	36.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	36.5	35.7	35.2	34.7	33.8	33.3	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	33.3	32.7	32.3	31.6	30.9	30.6	23.8	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	30.6	30.1	29.8	29.0	28.4	28.2	22.9	21.5	20.7	18.4	17.5	16.9	17.6	16.8	16.2
28.0	28.2	27.7	27.6	26.7	26.3	26.0	22.1	20.8	20.1	17.6	16.8	16.3	16.8	16.1	15.6
30.0	26.0	25.7	25.6	24.7	24.3	24.2	21.3	20.1	19.5	16.9	16.1	15.7	15.6	15.2	14.9
32.0	24.2	23.9	23.8	22.9	22.6	22.5	20.6	19.5	19.0	16.2	15.6	15.2	14.5	14.1	13.9
34.0	21.9	22.1	22.2	21.3	21.1	21.0	20.0	19.0	18.6	15.7	15.0	14.7	13.5	13.2	13.0
36.0	19.8	19.9		19.8	19.7	19.6	19.4	18.6	18.2	15.1	14.6	14.3	12.6	12.3	12.2
38.0	17.9	18.0		18.3	18.4	18.4	18.1	18.0	17.9	14.6	14.1	13.9	11.8	11.6	11.5
40.0	16.1	16.3		16.6	16.8		17.0	16.8	16.8	14.2	13.7	13.5	11.0	10.9	10.8
42.0	12.2			15.1	15.2		15.8	15.9	15.8	13.8	13.4	13.2	10.4	10.2	10.2
44.0	3.8			13.8	13.9		14.4	14.6		13.4	13.0	12.9	9.7	9.6	9.6
46.0				11.5	11.7		13.2	13.3		13.1	12.7	12.7	9.2	9.1	9.1
48.0				7.4			12.0	12.1		12.6	12.5		8.7	8.6	8.6
50.0							10.8	10.9		11.5	11.6		8.2	8.1	
54.0							2.5			9.5	9.5		7.1	7.2	
58.0										4.9			6.1	6.2	
62.0													4.4		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	37.6	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	35.3	28.1	23.3	33.9	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	32.0	27.1	22.8	30.6	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	29.2	26.1	22.3	27.9	25.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	26.7	25.3	21.9	25.5	24.1	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	24.6	23.5	21.5	23.5	22.3	21.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	22.7	21.8	21.2	21.7	20.7	20.2	16.3	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	21.1	20.3	19.9	20.1	19.3	18.9	15.6	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	19.6	19.0	18.7	18.6	18.0	17.6	15.0	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	18.3	17.8	17.5	17.4	16.8	16.5	14.4	12.6	11.6	12.0	10.7	10.0	10.4	9.8	9.5
38.0	17.1	16.7	16.5	16.2	15.8	15.6	13.9	12.2	11.3	11.5	10.3	9.7	9.7	9.2	8.9
40.0	16.0	15.7	15.5	15.1	14.8	14.6	13.4	11.9	11.0	11.1	10.0	9.4	9.0	8.6	8.4
42.0	15.0	14.8	14.7	14.2	13.9	13.8	12.9	11.5	10.8	10.7	9.7	9.1	8.4	8.1	7.9
44.0	14.1	13.9		13.3	13.1	13.0	12.5	11.3	10.6	10.3	9.4	8.9	7.9	7.6	7.4
46.0	13.2	13.1		12.5	12.3	12.3	12.2	11.0	10.4	10.0	9.1	8.7	7.4	7.1	7.0
48.0	11.4	12.3		11.8	11.6		11.5	10.8	10.3	9.6	8.9	8.5	6.9	6.7	6.6
50.0	8.3			11.1	11.0		10.8	10.6	10.2	9.3	8.6	8.3	6.5	6.3	6.3
54.0				8.0	9.2		9.5	9.5		8.8	8.2	8.0	5.7	5.6	5.6
58.0							7.5	8.1		8.3	7.9		5.1	5.0	
62.0										6.8	7.0		4.5	4.5	
66.0										2.7			4.0	4.0	
70.0													2.4		
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	22 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	25.2	17.5	13.6	24.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	24.0	16.7	13.3	23.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	22.4	16.1	12.9	21.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	20.7	15.4	12.7	19.7	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	19.2	14.9	12.4	18.2	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	17.8	14.4	12.2	16.9	15.0	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	16.6	13.9	12.0	15.8	14.5	12.2	12.1	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	15.5	13.5	11.8	14.7	14.0	12.0	11.6	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	14.5	13.1	11.7	13.7	13.3	11.8	11.1	9.5	8.6	9.4	8.2	7.5	7.8	7.3	7.0
42.0	13.6	12.8	11.6	12.8	12.5	11.7	10.7	9.2	8.4	9.0	7.9	7.3	7.3	6.9	6.7
44.0	12.8	12.5	11.5	12.0	11.8	11.6	10.3	9.0	8.2	8.7	7.7	7.1	6.7	6.4	6.3
46.0	12.0	11.8	11.5	11.3	11.1	11.0	10.0	8.7	8.0	8.4	7.4	6.9	6.3	6.0	5.9
48.0	11.3	11.2	11.1	10.6	10.4	10.4	9.7	8.5	7.9	8.1	7.2	6.7	5.9	5.6	5.6
50.0	10.7	10.6		10.0	9.9	9.8	9.4	8.3	7.8	7.8	7.0	6.6	5.5	5.3	5.3
54.0	9.0	9.5		8.9	8.8		8.6	7.9	7.5	7.3	6.6	6.3	4.8	4.7	4.7
58.0				7.9	7.9		7.7	7.6		6.8	6.3	6.0	4.2	4.1	4.2
62.0				3.2			6.8	6.8		6.5	6.0		3.6	3.6	3.7
66.0							3.8			5.7	5.8		3.2	3.2	
70.0										3.9	4.8		2.8	2.8	
74.0													2.5	2.5	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	20 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	17.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	15.1	10.7	8.5	16.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	14.2	10.3	8.3	15.3	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	13.4	9.9	8.1	14.4	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	12.6	9.6	7.9	13.4	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	12.0	9.2	7.7	12.5	9.6	7.9	9.5	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	11.4	8.9	7.6	11.7	9.3	7.7	9.1	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	10.8	8.6	7.5	11.0	9.0	7.6	8.7	7.3	6.6	7.5	6.4	5.8	5.0	5.5	4.9
46.0	10.3	8.4	7.4	10.3	8.7	7.5	8.4	7.1	6.4	7.2	6.2	5.6	4.7	5.1	4.7
48.0	9.8	8.1	7.3	9.6	8.5	7.4	8.1	6.9	6.3	6.9	6.0	5.5	4.4	4.8	4.5
50.0	9.4	7.9	7.2	9.1	8.3	7.3	7.8	6.7	6.1	6.6	5.8	5.3	4.1	4.4	4.3
54.0	8.6	7.6	7.2	8.0	7.9	7.2	7.3	6.4	5.9	6.1	5.4	5.0	3.5	3.9	3.9
58.0	7.7	7.3		7.1	7.0	7.1	6.8	6.1	5.7	5.7	5.1	4.8	3.0	3.4	3.4
62.0	4.7			6.3	6.3		6.0	5.8	5.5	5.3	4.8	4.5	2.5	2.9	3.0
66.0				4.6	5.6		5.3	5.3		4.9	4.4	4.3	2.1	2.5	2.6
70.0							4.3	4.7		4.5	4.2		1.8	2.1	
74.0										3.7	3.9		1.5	1.8	
78.0														1.6	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	21 to 83	27 to 84.5	45 to 84.5	23 to 83	29 to 84.5	45 to 84.5	30 to 83	30 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.9	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	9.5	6.9	5.5	10.2	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	8.9	6.7	5.4	9.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	8.5	6.4	5.3	9.2	6.7	5.4	7.5	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	8.0	6.2	5.1	8.7	6.5	5.2	7.2	6.0	5.2	6.4	5.4	4.8	2.3	4.1	3.6
48.0	7.6	6.0	5.0	8.3	6.3	5.1	6.9	5.8	5.1	6.1	5.2	4.6	2.1	3.9	3.4
50.0	7.2	5.8	5.0	7.9	6.1	5.0	6.7	5.6	5.0	5.9	5.0	4.4	1.8	3.6	3.3
54.0	6.6	5.4	4.8	7.1	5.7	4.9	6.2	5.2	4.7	5.3	4.5	4.0		3.2	3.0
58.0	6.0	5.1	4.8	6.3	5.4	4.8	5.8	4.9	4.4	4.8	4.1	3.7		2.7	2.7
62.0	5.5	4.9		5.5	5.1	4.7	5.2	4.6	4.2	4.3	3.8	3.4		2.3	2.4
66.0	5.1	4.8		4.9	4.9		4.6	4.3	4.0	3.9	3.4	3.2		1.9	2.0
70.0				4.3	4.3		4.0	4.0		3.6	3.2	3.0		1.6	1.7
74.0							3.5	3.5		3.1	2.9				
78.0										2.7	2.8				
82.0										1.8	2.4				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	23 to 83	31 to 84.5	49 to 84.5	25 to 83	32 to 84.5	49 to 84.5	19 to 83	26 to 84.5	49 to 84.5	59 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	6.6	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	6.3	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	6.0	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	5.6	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	5.0	4.1	3.6	2.7	3.3	2.9		2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	4.6	3.8	3.4	2.3	3.0	2.6		1.9	1.8
66.0	4.0	3.4	3.2	4.3	3.6	3.2	4.2	3.5	3.2	1.8	2.7	2.4			1.6
70.0	3.6	3.3		3.8	3.4	3.2	3.6	3.3	3.0		2.4	2.2			
74.0	2.2			3.3	3.3		3.1	3.1	2.9		2.2	2.0			
78.0				2.1	2.9		2.6	2.7			2.0	1.8			
82.0							2.2	2.3			1.8				
86.0											1.6				
θ (°)	14 to 83	34 to 84.5	46 to 84.5	18 to 83	26 to 84.5	47 to 84.5	21 to 83	29 to 84.5	47 to 84.5	47 to 83	32 to 84.5	48 to 84.5	70 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.0m

PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	5.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	4.4	3.2	2.3		2.6	2.2		1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.9	2.9	2.1		2.3	1.9			
62.0	3.2	2.3	1.8	3.5	2.5	1.9	3.5	2.7	2.0		1.9	1.6			
66.0	2.8	2.1	1.7	3.1	2.3	1.8	3.1	2.4	1.8		1.6				
70.0	2.5	1.9	1.7	2.8	2.1	1.7	2.7	2.1	1.8						
74.0	2.2	1.8		2.5	1.9	1.7	2.3	1.9	1.6						
78.0	1.9	1.7		2.1	1.8		1.8	1.7	1.5						
82.0				1.7	1.7			1.5							
θ (°)	20 to 83	30 to 84.5	51 to 84.5	23 to 83	32 to 84.5	51 to 84.5	35 to 83	40 to 84.5	51 to 84.5	65 to 83	60 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

Counterweight 118t, outrigger extension width 8.0m

PS + boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5	
Load radius (m)	Offset		Offset		Offset	
	0°	20°	0°	20°	0°	20°
16.0	6.7					
18.0	6.7		5.6			
20.0	6.7		5.6		3.3	
22.0	6.7		5.6		3.3	
24.0	6.7		5.6		3.3	
26.0	6.7		5.6		3.3	
28.0	6.7		5.6		3.3	
30.0	6.7		5.6		3.3	
32.0	6.7		5.6		3.3	
34.0	6.4	3.7	5.6		3.3	
36.0	5.9	3.5	5.6	3.6	3.3	
38.0	5.4	3.2	5.6	3.4	3.3	3.5
40.0	5.0	3.0	5.4	3.1	3.3	3.3
42.0	4.6	2.8	5.0	2.9	3.3	3.1
44.0	4.3	2.6	4.7	2.7	3.3	2.9
46.0	4.0	2.4	4.3	2.6	3.3	2.7
48.0	3.7	2.3	4.0	2.4	3.3	2.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4
54.0	2.9	1.8	3.2	1.9	3.3	2.1
58.0	2.5	1.6	2.8	1.7	2.9	1.8
62.0	2.1		2.4	1.5	2.5	1.6
66.0	1.8		2.1		2.2	
70.0	1.5		1.8		1.8	
74.0			1.5		1.5	
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	44 to 84.5	65 to 84.5
Standard hook block	12.2t					
Hook block weight	440kg					
Standard number of parts of line	1					

PS + Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	56.8	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	50.2	48.4	47.2	45.4	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	44.8	43.4	42.5	42.5	41.1	39.9	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	40.3	39.2	38.6	38.3	37.2	36.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	36.5	35.7	35.2	34.7	33.8	33.3	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	33.3	32.7	32.3	31.6	30.9	30.6	23.8	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	29.4	29.8	29.8	29.0	28.4	28.2	22.9	21.5	20.7	18.4	17.5	16.9	17.6	16.8	16.2
28.0	25.9	26.3	26.5	26.4	26.3	26.0	22.1	20.8	20.1	17.6	16.8	16.3	16.8	16.1	15.6
30.0	23.0	23.3	23.4	23.5	23.8	23.9	21.3	20.1	19.5	16.9	16.1	15.7	15.6	15.2	14.9
32.0	20.5	20.7	20.8	20.9	21.2	21.4	20.6	19.5	19.0	16.2	15.6	15.2	14.5	14.1	13.9
34.0	18.3	18.5	18.6	18.8	19.0	19.1	19.5	19.0	18.6	15.7	15.0	14.7	13.5	13.2	13.0
36.0	16.4	16.6		16.8	17.1	17.1	17.5	17.8	17.9	15.1	14.6	14.3	12.6	12.3	12.2
38.0	14.7	14.8		15.2	15.3	15.4	15.8	16.0	16.1	14.6	14.1	13.9	11.8	11.6	11.5
40.0	13.1	13.2		13.7	13.8		14.3	14.5	14.6	14.2	13.7	13.5	11.0	10.9	10.8
42.0	11.6			12.2	12.3		13.0	13.1	13.2	13.6	13.4	13.2	10.4	10.2	10.2
44.0	3.8			10.8	10.9		11.7	11.8		12.3	12.5	12.5	9.7	9.6	9.6
46.0				9.6	9.6		10.4	10.5		11.1	11.3	11.3	9.2	9.1	9.1
48.0				7.4			9.3	9.4		10.0	10.1		8.7	8.6	8.6
50.0							8.3	8.3		9.0	9.1		8.2	8.1	
54.0							2.5			7.1	7.2		7.1	7.2	
58.0										4.9			5.7	5.7	
62.0													4.3		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	37.6	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	35.3	28.1	23.3	33.9	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	32.0	27.1	22.8	30.6	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	29.2	26.1	22.3	27.9	25.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	26.7	25.3	21.9	25.5	24.1	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	24.6	23.5	21.5	23.5	22.3	21.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	22.7	21.8	21.2	21.7	20.7	20.2	16.3	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	21.1	20.3	19.9	20.1	19.3	18.9	15.6	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	19.3	19.0	18.7	18.6	18.0	17.6	15.0	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	17.4	17.8	17.5	17.4	16.8	16.5	14.4	12.6	11.6	12.0	10.7	10.0	10.4	9.8	9.5
38.0	15.7	16.5	16.5	16.0	15.8	15.6	13.9	12.2	11.3	11.5	10.3	9.7	9.7	9.2	8.9
40.0	14.2	14.9	15.3	14.5	14.8	14.6	13.4	11.9	11.0	11.1	10.0	9.4	9.0	8.6	8.4
42.0	12.9	13.5	13.8	13.2	13.8	13.8	12.9	11.5	10.8	10.7	9.7	9.1	8.4	8.1	7.9
44.0	11.6	12.2		11.9	12.5	12.9	12.3	11.3	10.6	10.3	9.4	8.9	7.9	7.6	7.4
46.0	10.3	10.9		10.7	11.3	11.6	11.1	11.0	10.4	10.0	9.1	8.7	7.4	7.1	7.0
48.0	9.2	9.6		9.5	10.1		10.0	10.6	10.3	9.6	8.9	8.5	6.9	6.7	6.6
50.0	8.2			8.5	9.0		9.0	9.5	9.8	9.3	8.6	8.3	6.5	6.3	6.3
54.0				6.7	7.0		7.2	7.6		7.7	8.2	8.0	5.7	5.6	5.6
58.0							5.6	5.9		6.1	6.5		5.1	5.0	
62.0										4.8	5.0		4.5	4.5	
66.0										2.7			3.5	3.7	
70.0													2.4		
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	22 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	25.2	17.5	13.6	24.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	24.0	16.7	13.3	23.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	22.4	16.1	12.9	21.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	20.7	15.4	12.7	19.7	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	19.2	14.9	12.4	18.2	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	17.8	14.4	12.2	16.9	15.0	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	16.6	13.9	12.0	15.8	14.5	12.2	12.1	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	15.5	13.5	11.8	14.7	14.0	12.0	11.6	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	14.5	13.1	11.7	13.7	13.3	11.8	11.1	9.5	8.6	9.4	8.2	7.5	7.8	7.3	7.0
42.0	13.5	12.8	11.6	12.8	12.5	11.7	10.7	9.2	8.4	9.0	7.9	7.3	7.3	6.9	6.7
44.0	12.3	12.5	11.5	12.0	11.8	11.6	10.3	9.0	8.2	8.7	7.7	7.1	6.7	6.4	6.3
46.0	11.1	11.8	11.5	11.2	11.1	11.0	10.0	8.7	8.0	8.4	7.4	6.9	6.3	6.0	5.9
48.0	10.0	10.8	11.1	10.1	10.4	10.4	9.7	8.5	7.9	8.1	7.2	6.7	5.9	5.6	5.6
50.0	8.9	9.7		9.0	9.9	9.8	9.4	8.3	7.8	7.8	7.0	6.6	5.5	5.3	5.3
54.0	7.1	7.6		7.2	7.9		7.6	7.9	7.5	7.3	6.6	6.3	4.8	4.7	4.7
58.0				5.7	6.1		6.1	6.7		6.3	6.3	6.0	4.2	4.1	4.2
62.0				3.2			4.7	5.2		5.0	5.6		3.6	3.6	3.7
66.0							3.6			3.8	4.3		3.2	3.2	
70.0										2.8	3.1		2.7	2.8	
74.0													1.8	2.0	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	20 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	17.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	15.1	10.7	8.5	16.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	14.2	10.3	8.3	15.3	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	13.4	9.9	8.1	14.4	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	12.6	9.6	7.9	13.4	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	12.0	9.2	7.7	12.5	9.6	7.9	9.5	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	11.4	8.9	7.6	11.7	9.3	7.7	9.1	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	10.8	8.6	7.5	11.0	9.0	7.6	8.7	7.3	6.6	7.5	6.4	5.8	5.0	5.5	4.9
46.0	10.3	8.4	7.4	10.3	8.7	7.5	8.4	7.1	6.4	7.2	6.2	5.6	4.7	5.1	4.7
48.0	9.8	8.1	7.3	9.6	8.5	7.4	8.1	6.9	6.3	6.9	6.0	5.5	4.4	4.8	4.5
50.0	9.4	7.9	7.2	9.1	8.3	7.3	7.8	6.7	6.1	6.6	5.8	5.3	4.1	4.4	4.3
54.0	7.7	7.6	7.2	7.7	7.9	7.2	7.3	6.4	5.9	6.1	5.4	5.0	3.5	3.9	3.9
58.0	6.1	6.8		6.1	7.0	7.1	6.3	6.1	5.7	5.7	5.1	4.8	3.0	3.4	3.4
62.0	4.7			4.8	5.4		5.0	5.8	5.5	5.2	4.8	4.5	2.5	2.9	3.0
66.0				3.6	4.0		3.8	4.4		4.0	4.4	4.3	2.1	2.5	2.6
70.0							2.8	3.2		3.0	3.5		1.8	2.1	
74.0										2.1	2.5		1.5	1.8	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	21 to 83	27 to 84.5	45 to 84.5	23 to 83	29 to 84.5	45 to 84.5	30 to 83	36 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.9	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	9.5	6.9	5.5	10.2	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	8.9	6.7	5.4	9.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	8.5	6.4	5.3	9.2	6.7	5.4	7.5	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	8.0	6.2	5.1	8.7	6.5	5.2	7.2	6.0	5.2	6.4	5.4	4.8	2.3	4.1	3.6
48.0	7.6	6.0	5.0	8.3	6.3	5.1	6.9	5.8	5.1	6.1	5.2	4.6	2.1	3.9	3.4
50.0	7.2	5.8	5.0	7.9	6.1	5.0	6.7	5.6	5.0	5.9	5.0	4.4	1.8	3.6	3.3
54.0	6.6	5.4	4.8	7.1	5.7	4.9	6.2	5.2	4.7	5.3	4.5	4.0		3.2	3.0
58.0	6.0	5.1	4.8	6.3	5.4	4.8	5.8	4.9	4.4	4.8	4.1	3.7		2.7	2.7
62.0	5.1	4.9		5.0	5.1	4.7	5.1	4.6	4.2	4.3	3.8	3.4		2.3	2.4
66.0	3.9	4.5		3.8	4.6		3.9	4.3	4.0	3.9	3.4	3.2		1.9	2.0
70.0				2.8	3.3		2.9	3.7		3.2	3.2	3.0		1.6	1.7
74.0							2.0	2.5		2.3	2.9				
78.0											2.0				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	23 to 83	31 to 84.5	49 to 84.5	25 to 83	32 to 84.5	49 to 84.5	33 to 83	34 to 84.5	49 to 84.5	59 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	6.6	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	6.3	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	6.0	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	5.6	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	5.0	4.1	3.6	2.7	3.3	2.9		2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	4.6	3.8	3.4	2.3	3.0	2.6		1.9	1.8
66.0	4.0	3.4	3.2	4.2	3.6	3.2	4.2	3.5	3.2	1.8	2.7	2.4			1.6
70.0	3.3	3.3		3.1	3.4	3.2	3.3	3.3	3.0		2.4	2.2			
74.0	2.2			2.2	2.9		2.4	3.1	2.9		2.2	2.0			
78.0					1.8		1.6	2.3			2.0	1.8			
82.0											1.5				
θ (°)	14 to 83	34 to 84.5	46 to 84.5	26 to 83	26 to 84.5	47 to 84.5	28 to 83	37 to 84.5	47 to 84.5	47 to 83	38 to 84.5	48 to 84.5	70 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	5.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	4.4	3.2	2.3		2.6	2.2		1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.9	2.9	2.1		2.3	1.9			
62.0	3.2	2.3	1.8	3.5	2.5	1.9	3.5	2.7	2.0		1.9	1.6			
66.0	2.8	2.1	1.7	3.1	2.3	1.8	3.1	2.4	1.8		1.6				
70.0	2.5	1.9	1.7	2.8	2.1	1.7	2.7	2.1	1.8						
74.0	2.2	1.8		2.2	1.9	1.7	2.2	1.9	1.6						
78.0	1.6	1.7			1.8			1.7	1.5						
θ (°)	20 to 83	30 to 84.5	51 to 84.5	35 to 83	39 to 84.5	51 to 84.5	40 to 83	45 to 84.5	51 to 84.5	65 to 83	60 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5	
Load radius (m)	Offset		Offset		Offset	
	0°	20°	0°	20°	0°	20°
16.0	6.7					
18.0	6.7		5.6			
20.0	6.7		5.6		3.3	
22.0	6.7		5.6		3.3	
24.0	6.7		5.6		3.3	
26.0	6.7		5.6		3.3	
28.0	6.7		5.6		3.3	
30.0	6.7		5.6		3.3	
32.0	6.7		5.6		3.3	
34.0	6.4	3.7	5.6		3.3	
36.0	5.9	3.5	5.6	3.6	3.3	
38.0	5.4	3.2	5.6	3.4	3.3	3.5
40.0	5.0	3.0	5.4	3.1	3.3	3.3
42.0	4.6	2.8	5.0	2.9	3.3	3.1
44.0	4.3	2.6	4.7	2.7	3.3	2.9
46.0	4.0	2.4	4.3	2.6	3.3	2.7
48.0	3.7	2.3	4.0	2.4	3.3	2.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4
54.0	2.9	1.8	3.2	1.9	3.3	2.1
58.0	2.5	1.6	2.8	1.7	2.9	1.8
62.0	2.1		2.4	1.5	2.5	1.6
66.0	1.8		2.1		2.2	
70.0	1.5		1.8		1.8	
74.0			1.5		1.5	
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	44 to 84.5	65 to 84.5
Standard hook block	12.2t					
Hook block weight	440kg					
Standard number of parts of line	1					

PS + Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	56.8	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	50.2	48.4	47.2	45.4	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	44.8	43.4	42.5	42.5	41.1	39.9	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	40.3	39.2	38.6	38.3	37.2	36.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	36.5	35.7	35.2	34.7	33.8	33.3	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	32.6	32.7	32.3	31.6	30.9	30.6	23.8	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	28.5	28.9	29.1	28.9	28.4	28.2	22.9	21.5	20.7	18.4	17.5	16.9	17.6	16.8	16.2
28.0	25.0	25.4	25.6	25.5	25.9	26.0	22.1	20.8	20.1	17.6	16.8	16.3	16.8	16.1	15.6
30.0	22.1	22.4	22.6	22.6	22.9	23.1	21.3	20.1	19.5	16.9	16.1	15.7	15.6	15.2	14.9
32.0	19.7	19.9	20.0	20.1	20.4	20.5	20.6	19.5	19.0	16.2	15.6	15.2	14.5	14.1	13.9
34.0	17.5	17.7	17.8	18.0	18.2	18.3	18.7	18.9	18.6	15.7	15.0	14.7	13.5	13.2	13.0
36.0	15.6	15.8		16.1	16.3	16.4	16.8	17.0	17.1	15.1	14.6	14.3	12.6	12.3	12.2
38.0	14.0	14.1		14.4	14.6	14.6	15.1	15.3	15.4	14.6	14.1	13.9	11.8	11.6	11.5
40.0	12.3	12.4		12.9	13.1		13.6	13.8	13.8	14.2	13.7	13.5	11.0	10.9	10.8
42.0	10.9			11.4	11.6		12.3	12.4	12.5	12.9	13.0	13.1	10.4	10.2	10.2
44.0	3.8			10.1	10.2		10.9	11.1		11.7	11.8	11.9	9.7	9.6	9.6
46.0				8.9	8.9		9.7	9.8		10.4	10.6	10.6	9.2	9.1	9.1
48.0				7.4			8.6	8.7		9.3	9.5		8.7	8.6	8.6
50.0							7.6	7.7		8.3	8.4		8.2	8.1	
54.0							2.5			6.5	6.6		6.6	6.7	
58.0										4.9			5.1	5.1	
62.0													3.8		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	37.6	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	35.3	28.1	23.3	33.9	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	32.0	27.1	22.8	30.6	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	29.2	26.1	22.3	27.9	25.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	26.7	25.3	21.9	25.5	24.1	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	24.6	23.5	21.5	23.5	22.3	21.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	22.7	21.8	21.2	21.7	20.7	20.2	16.3	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	20.7	20.3	19.9	20.1	19.3	18.9	15.6	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	18.5	19.0	18.7	18.6	18.0	17.6	15.0	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	16.7	17.5	17.5	17.0	16.8	16.5	14.4	12.6	11.6	12.0	10.7	10.0	10.4	9.8	9.5
38.0	15.0	15.8	16.3	15.3	15.8	15.6	13.9	12.2	11.3	11.5	10.3	9.7	9.7	9.2	8.9
40.0	13.5	14.2	14.6	13.8	14.6	14.6	13.4	11.9	11.0	11.1	10.0	9.4	9.0	8.6	8.4
42.0	12.2	12.8	13.1	12.5	13.2	13.6	12.9	11.5	10.8	10.7	9.7	9.1	8.4	8.1	7.9
44.0	10.9	11.5		11.2	11.9	12.2	11.7	11.3	10.6	10.3	9.4	8.9	7.9	7.6	7.4
46.0	9.7	10.2		10.0	10.6	11.0	10.5	11.0	10.4	10.0	9.1	8.7	7.4	7.1	7.0
48.0	8.6	9.0		8.9	9.4		9.4	10.0	10.3	9.6	8.9	8.5	6.9	6.7	6.6
50.0	7.6			7.9	8.3		8.3	8.9	9.2	8.9	8.6	8.3	6.5	6.3	6.3
54.0				6.1	6.4		6.6	7.0		7.1	7.6	7.8	5.7	5.6	5.6
58.0							5.1	5.3		5.5	5.9		5.1	5.0	
62.0										4.2	4.5		4.1	4.5	
66.0										2.7			3.0	3.2	
70.0													2.0		
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	22 to 83	26 to 84.5	43 to 84.5	12 to 83	28 to 84.5	43 to 84.5	14 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	25.2	17.5	13.6	24.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	24.0	16.7	13.3	23.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	22.4	16.1	12.9	21.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	20.7	15.4	12.7	19.7	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	19.2	14.9	12.4	18.2	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	17.8	14.4	12.2	16.9	15.0	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	16.6	13.9	12.0	15.8	14.5	12.2	12.1	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	15.5	13.5	11.8	14.7	14.0	12.0	11.6	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	14.2	13.1	11.7	13.7	13.3	11.8	11.1	9.5	8.6	9.4	8.2	7.5	7.8	7.3	7.0
42.0	12.9	12.8	11.6	12.8	12.5	11.7	10.7	9.2	8.4	9.0	7.9	7.3	7.3	6.9	6.7
44.0	11.6	12.5	11.5	11.7	11.8	11.6	10.3	9.0	8.2	8.7	7.7	7.1	6.7	6.4	6.3
46.0	10.4	11.4	11.5	10.5	11.1	11.0	10.0	8.7	8.0	8.4	7.4	6.9	6.3	6.0	5.9
48.0	9.3	10.2	10.7	9.4	10.4	10.4	9.7	8.5	7.9	8.1	7.2	6.7	5.9	5.6	5.6
50.0	8.3	9.1		8.4	9.3	9.8	8.8	8.3	7.8	7.8	7.0	6.6	5.5	5.3	5.3
54.0	6.5	7.0		6.6	7.3		7.0	7.8	7.5	7.3	6.6	6.3	4.8	4.7	4.7
58.0				5.1	5.6		5.5	6.1		5.8	6.3	6.0	4.2	4.1	4.2
62.0				3.2			4.2	4.6		4.5	5.0		3.6	3.6	3.7
66.0							3.1			3.3	3.8		3.2	3.2	
70.0										2.4	2.6		2.2	2.6	
74.0														1.5	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	16 to 83	31 to 84.5	47 to 84.5	19 to 83	23 to 84.5	47 to 84.5	28 to 83	24 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	17.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	15.1	10.7	8.5	16.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	14.2	10.3	8.3	15.3	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	13.4	9.9	8.1	14.4	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	12.6	9.6	7.9	13.4	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	12.0	9.2	7.7	12.5	9.6	7.9	9.5	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	11.4	8.9	7.6	11.7	9.3	7.7	9.1	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	10.8	8.6	7.5	11.0	9.0	7.6	8.7	7.3	6.6	7.5	6.4	5.8	5.0	5.5	4.9
46.0	10.3	8.4	7.4	10.3	8.7	7.5	8.4	7.1	6.4	7.2	6.2	5.6	4.7	5.1	4.7
48.0	9.8	8.1	7.3	9.6	8.5	7.4	8.1	6.9	6.3	6.9	6.0	5.5	4.4	4.8	4.5
50.0	8.9	7.9	7.2	8.9	8.3	7.3	7.8	6.7	6.1	6.6	5.8	5.3	4.1	4.4	4.3
54.0	7.1	7.6	7.2	7.1	7.9	7.2	7.3	6.4	5.9	6.1	5.4	5.0	3.5	3.9	3.9
58.0	5.6	6.2		5.6	6.4	6.9	5.8	6.1	5.7	5.7	5.1	4.8	3.0	3.4	3.4
62.0	4.3			4.3	4.9		4.5	5.3	5.5	4.7	4.8	4.5	2.5	2.9	3.0
66.0				3.1	3.5		3.3	3.9		3.5	4.2	4.3	2.1	2.5	2.6
70.0							2.3	2.7		2.5	3.1		1.8	2.1	
74.0										1.6	2.0			1.8	
θ (°)	16 to 83	33 to 84.5	45 to 84.5	19 to 83	25 to 84.5	45 to 84.5	21 to 83	27 to 84.5	45 to 84.5	23 to 83	29 to 84.5	45 to 84.5	36 to 83	36 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.9	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	9.5	6.9	5.5	10.2	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	8.9	6.7	5.4	9.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	8.5	6.4	5.3	9.2	6.7	5.4	7.5	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	8.0	6.2	5.1	8.7	6.5	5.2	7.2	6.0	5.2	6.4	5.4	4.8	2.3	4.1	3.6
48.0	7.6	6.0	5.0	8.3	6.3	5.1	6.9	5.8	5.1	6.1	5.2	4.6	2.1	3.9	3.4
50.0	7.2	5.8	5.0	7.9	6.1	5.0	6.7	5.6	5.0	5.9	5.0	4.4	1.8	3.6	3.3
54.0	6.6	5.4	4.8	7.1	5.7	4.9	6.2	5.2	4.7	5.3	4.5	4.0		3.2	3.0
58.0	5.9	5.1	4.8	5.8	5.4	4.8	5.8	4.9	4.4	4.8	4.1	3.7		2.7	2.7
62.0	4.6	4.9		4.5	5.1	4.7	4.6	4.6	4.2	4.3	3.8	3.4		2.3	2.4
66.0	3.4	4.0		3.3	4.1		3.5	4.3	4.0	3.8	3.4	3.2		1.9	2.0
70.0				2.3	2.9		2.5	3.2		2.7	3.2	3.0		1.6	1.7
74.0							1.6	2.1		1.8	2.5				
78.0											1.5				
θ (°)	21 to 83	29 to 84.5	49 to 84.5	23 to 83	31 to 84.5	49 to 84.5	25 to 83	32 to 84.5	49 to 84.5	33 to 83	34 to 84.5	49 to 84.5	59 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	6.6	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	6.3	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	6.0	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	5.3	4.1	3.4	5.8	4.3	3.5	5.6	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	4.8	3.8	3.3	5.2	4.0	3.3	5.0	4.1	3.6	2.7	3.3	2.9		2.3	2.0
62.0	4.3	3.6	3.2	4.7	3.8	3.2	4.6	3.8	3.4	2.3	3.0	2.6		1.9	1.8
66.0	3.8	3.4	3.2	3.7	3.6	3.2	3.9	3.5	3.2	1.8	2.7	2.4			1.6
70.0	2.8	3.3		2.7	3.4	3.2	2.9	3.3	3.0		2.4	2.2			
74.0	2.0			1.8	2.5		2.0	2.9	2.9		2.2	2.0			
78.0								1.8			2.0	1.8			
θ (°)	14 to 83	34 to 84.5	46 to 84.5	26 to 83	35 to 84.5	47 to 84.5	34 to 83	37 to 84.5	47 to 84.5	47 to 83	43 to 84.5	48 to 84.5	70 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	5.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	4.4	3.2	2.3		2.6	2.2		1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.9	2.9	2.1		2.3	1.9			
62.0	3.2	2.3	1.8	3.5	2.5	1.9	3.5	2.7	2.0		1.9	1.6			
66.0	2.8	2.1	1.7	3.1	2.3	1.8	3.1	2.4	1.8		1.6				
70.0	2.5	1.9	1.7	2.7	2.1	1.7	2.7	2.1	1.8						
74.0	2.0	1.8		1.8	1.9	1.7	1.8	1.9	1.6						
78.0		1.7			1.8			1.7	1.5						
θ (°)	28 to 83	30 to 84.5	51 to 84.5	35 to 83	39 to 84.5	51 to 84.5	40 to 83	45 to 84.5	51 to 84.5	65 to 83	60 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5	
Load radius (m)	Offset		Offset		Offset	
	0°	20°	0°	20°	0°	20°
16.0	6.7					
18.0	6.7		5.6			
20.0	6.7		5.6		3.3	
22.0	6.7		5.6		3.3	
24.0	6.7		5.6		3.3	
26.0	6.7		5.6		3.3	
28.0	6.7		5.6		3.3	
30.0	6.7		5.6		3.3	
32.0	6.7		5.6		3.3	
34.0	6.4	3.7	5.6		3.3	
36.0	5.9	3.5	5.6	3.6	3.3	
38.0	5.4	3.2	5.6	3.4	3.3	3.5
40.0	5.0	3.0	5.4	3.1	3.3	3.3
42.0	4.6	2.8	5.0	2.9	3.3	3.1
44.0	4.3	2.6	4.7	2.7	3.3	2.9
46.0	4.0	2.4	4.3	2.6	3.3	2.7
48.0	3.7	2.3	4.0	2.4	3.3	2.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4
54.0	2.9	1.8	3.2	1.9	3.3	2.1
58.0	2.5	1.6	2.8	1.7	2.9	1.8
62.0	2.1		2.4	1.5	2.5	1.6
66.0	1.8		2.1		2.2	
70.0	1.5		1.8		1.8	
74.0			1.5		1.5	
θ (°)	40 to 84.5	62 to 84.5	40 to 84.5	62 to 84.5	44 to 84.5	65 to 84.5
Standard hook block	12.2t					
Hook block weight	440kg					
Standard number of parts of line	1					

PS + Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	56.8	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	50.2	48.4	47.2	45.4	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	44.1	43.4	42.5	42.5	41.1	39.9	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	37.2	37.8	38.3	37.6	37.2	36.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	31.7	32.3	32.6	32.2	32.8	33.1	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	27.4	27.9	28.1	27.8	28.3	28.6	23.8	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	23.8	24.2	24.4	24.2	24.7	24.9	22.9	21.5	20.7	18.4	17.5	16.9	17.6	16.8	16.2
28.0	20.8	21.1	21.3	21.2	21.6	21.8	22.0	20.8	20.1	17.6	16.8	16.3	16.8	16.1	15.6
30.0	18.3	18.6	18.7	18.7	19.0	19.2	19.4	19.7	19.5	16.9	16.1	15.7	15.6	15.2	14.9
32.0	16.1	16.3	16.4	16.5	16.8	16.9	17.2	17.5	17.7	16.2	15.6	15.2	14.5	14.1	13.9
34.0	14.2	14.4	14.5	14.6	14.9	15.0	15.3	15.6	15.7	15.7	15.0	14.7	13.5	13.2	13.0
36.0	12.4	12.6		13.0	13.2	13.3	13.7	13.9	14.0	14.3	14.5	14.3	12.6	12.3	12.2
38.0	10.8	10.9		11.3	11.6	11.6	12.2	12.4	12.5	12.8	13.0	13.1	11.8	11.6	11.5
40.0	9.3	9.4		9.9	10.0		10.7	10.9	11.0	11.5	11.7	11.7	11.0	10.9	10.8
42.0	8.0			8.6	8.7		9.4	9.6	9.6	10.1	10.3	10.4	10.3	10.2	10.2
44.0	3.8			7.4	7.5		8.2	8.4		8.9	9.1	9.2	9.1	9.3	9.3
46.0				6.3	6.4		7.1	7.2		7.8	8.0	8.0	8.0	8.1	8.2
48.0				5.3			6.1	6.2		6.9	7.0		7.0	7.1	7.2
50.0							5.3	5.3		5.9	6.1		6.1	6.2	
54.0							2.5			4.4	4.4		4.5	4.5	
58.0										3.0			3.1	3.1	
62.0													1.9		
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	15 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	37.6	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	35.3	28.1	23.3	33.9	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	32.0	27.1	22.8	30.6	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	28.4	26.1	22.3	27.9	25.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	24.8	25.3	21.9	25.1	24.1	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	21.8	23.2	21.5	22.1	22.3	21.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	19.3	20.5	21.2	19.6	20.7	20.2	16.3	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	17.1	18.2	19.0	17.4	18.5	18.9	15.6	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	15.2	16.2	16.9	15.5	16.5	17.2	15.0	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	13.6	14.4	15.0	13.9	14.8	15.4	14.2	12.6	11.6	12.0	10.7	10.0	10.4	9.8	9.5
38.0	12.1	12.9	13.3	12.4	13.2	13.8	12.8	12.2	11.3	11.5	10.3	9.7	9.7	9.2	8.9
40.0	10.6	11.5	11.9	11.0	11.8	12.3	11.4	11.9	11.0	11.1	10.0	9.4	9.0	8.6	8.4
42.0	9.3	10.0	10.4	9.6	10.5	11.0	10.1	11.0	10.8	10.6	9.7	9.1	8.4	8.1	7.9
44.0	8.1	8.7		8.4	9.2	9.6	8.9	9.7	10.2	9.4	9.4	8.9	7.9	7.6	7.4
46.0	7.0	7.6		7.4	8.0	8.3	7.8	8.6	9.0	8.4	9.1	8.7	7.4	7.1	7.0
48.0	6.1	6.5		6.4	6.9		6.9	7.5	7.9	7.4	8.1	8.5	6.9	6.7	6.6
50.0	5.2			5.5	6.0		6.0	6.5	6.8	6.5	7.1	7.5	6.4	6.3	6.3
54.0				3.9	4.2		4.4	4.8		4.9	5.4	5.6	4.8	5.3	5.6
58.0							3.1	3.3		3.5	3.9		3.4	3.9	
62.0										2.4	2.6		2.3	2.6	
66.0														1.5	
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	22 to 83	26 to 84.5	43 to 84.5	24 to 83	28 to 84.5	43 to 84.5	32 to 83	28 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	25.2	17.5	13.6	24.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	24.0	16.7	13.3	23.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	22.4	16.1	12.9	21.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	20.0	15.4	12.7	19.7	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	17.8	14.9	12.4	17.9	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	15.9	14.4	12.2	16.0	15.0	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	14.2	13.9	12.0	14.3	14.5	12.2	12.1	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	12.7	13.5	11.8	12.8	14.0	12.0	11.6	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	11.4	12.5	11.7	11.5	12.7	11.8	11.1	9.5	8.6	9.4	8.2	7.5	7.8	7.3	7.0
42.0	10.1	11.3	11.6	10.2	11.4	11.7	10.6	9.2	8.4	9.0	7.9	7.3	7.3	6.9	6.7
44.0	8.9	10.0	10.7	9.0	10.2	10.9	9.4	9.0	8.2	8.7	7.7	7.1	6.7	6.4	6.3
46.0	7.8	8.8	9.4	7.9	9.0	9.7	8.3	8.7	8.0	8.4	7.4	6.9	6.3	6.0	5.9
48.0	6.8	7.7	8.2	6.9	7.9	8.5	7.4	8.4	7.9	7.6	7.2	6.7	5.9	5.6	5.6
50.0	5.9	6.7		6.0	6.9	7.4	6.5	7.4	7.8	6.7	7.0	6.6	5.5	5.3	5.3
54.0	4.4	4.8		4.4	5.1		4.9	5.7	6.1	5.1	6.0	6.3	4.8	4.7	4.7
58.0				3.1	3.6		3.5	4.1		3.8	4.5	4.9	3.6	4.1	4.2
62.0				2.0			2.3	2.8		2.6	3.2		2.4	3.1	3.4
66.0										1.6	2.0			1.9	
θ (°)	23 to 83	28 to 84.5	44 to 84.5	11 to 83	30 to 84.5	48 to 84.5	26 to 83	31 to 84.5	47 to 84.5	28 to 83	32 to 84.5	47 to 84.5	40 to 83	39 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	17.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	15.1	10.7	8.5	16.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	14.2	10.3	8.3	15.3	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	13.4	9.9	8.1	14.4	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	12.6	9.6	7.9	13.3	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	12.0	9.2	7.7	12.0	9.6	7.9	9.5	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	10.7	8.9	7.6	10.7	9.3	7.7	9.1	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	9.5	8.6	7.5	9.5	9.0	7.6	8.7	7.3	6.6	7.5	6.4	5.8	5.0	5.5	4.9
46.0	8.4	8.4	7.4	8.4	8.7	7.5	8.4	7.1	6.4	7.2	6.2	5.6	4.7	5.1	4.7
48.0	7.4	8.1	7.3	7.4	8.5	7.4	7.6	6.9	6.3	6.9	6.0	5.5	4.4	4.8	4.5
50.0	6.5	7.7	7.2	6.5	7.8	7.3	6.7	6.7	6.1	6.6	5.8	5.3	4.1	4.4	4.3
54.0	4.9	5.8	6.4	4.9	6.0	6.7	5.1	6.3	5.9	5.3	5.4	5.0	3.5	3.9	3.9
58.0	3.6	4.2		3.6	4.4	4.9	3.8	4.7	5.3	4.0	5.0	4.8	3.0	3.4	3.4
62.0	2.4			2.4	3.0		2.6	3.4	3.8	2.8	3.7	4.2	2.5	2.9	3.0
66.0					1.7		1.6	2.2		1.8	2.5	2.8	1.5	2.4	2.6
θ (°)	16 to 83	33 to 84.5	45 to 84.5	28 to 83	25 to 84.5	45 to 84.5	29 to 83	35 to 84.5	45 to 84.5	36 to 83	42 to 84.5	45 to 84.5	41 to 83	47 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.9	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	9.5	6.9	5.5	10.2	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	8.9	6.7	5.4	9.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	8.5	6.4	5.3	9.2	6.7	5.4	7.5	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	8.0	6.2	5.1	8.7	6.5	5.2	7.2	6.0	5.2	6.4	5.4	4.8	2.3	4.1	3.6
48.0	7.6	6.0	5.0	7.7	6.3	5.1	6.9	5.8	5.1	6.1	5.2	4.6	2.1	3.9	3.4
50.0	6.8	5.8	5.0	6.7	6.1	5.0	6.7	5.6	5.0	5.9	5.0	4.4	1.8	3.6	3.3
54.0	5.2	5.4	4.8	5.1	5.7	4.9	5.3	5.2	4.7	5.3	4.5	4.0		3.2	3.0
58.0	3.9	5.0	4.8	3.8	5.0	4.8	3.9	4.9	4.4	4.2	4.1	3.7		2.7	2.7
62.0	2.7	3.5		2.6	3.6	4.2	2.7	3.8	4.2	3.0	3.8	3.4		2.3	2.4
66.0	1.7	2.2		1.6	2.4		1.7	2.6	3.2	2.0	3.0	3.2		1.9	2.0
70.0								1.6			1.9	2.4		1.6	1.7
θ (°)	21 to 83	29 to 84.5	49 to 84.5	31 to 83	39 to 84.5	49 to 84.5	37 to 83	39 to 84.5	49 to 84.5	42 to 83	45 to 84.5	49 to 84.5	59 to 83	49 to 84.5	53 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	6.6	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	6.3	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	5.9	4.4	3.6	6.4	4.7	3.7	6.0	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	5.3	4.1	3.4	5.5	4.3	3.5	5.6	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	4.3	3.8	3.3	4.1	4.0	3.3	4.4	4.1	3.6	2.7	3.3	2.9		2.3	2.0
62.0	3.1	3.6	3.2	2.9	3.8	3.2	3.2	3.8	3.4	2.3	3.0	2.6		1.9	1.8
66.0	2.1	3.0	3.2	1.9	3.0	3.2	2.2	3.4	3.2	1.8	2.7	2.4			1.6
70.0		1.9			1.9	2.5		2.3	3.0		2.4	2.2			
74.0									1.8		1.5	2.0			
θ (°)	32 to 83	34 to 84.5	46 to 84.5	38 to 83	42 to 84.5	47 to 84.5	43 to 83	47 to 84.5	47 to 84.5	47 to 83	48 to 84.5	53 to 84.5	70 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 78t, outrigger extension width 8.5m

PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	5.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	4.4	3.2	2.3		2.6	2.2		1.7	
58.0	3.6	2.6	2.0	4.0	2.8	2.0	3.9	2.9	2.1		2.3	1.9			
62.0	3.2	2.3	1.8	3.0	2.5	1.9	3.0	2.7	2.0		1.9	1.6			
66.0	2.1	2.1	1.7	2.0	2.3	1.8	2.0	2.4	1.8		1.6				
70.0		1.9	1.7		2.1	1.7		2.1	1.8						
74.0						1.7			1.6						
θ (°)	39 to 83	44 to 84.5	51 to 84.5	44 to 83	49 to 84.5	51 to 84.5	47 to 83	54 to 84.5	56 to 84.5	65 to 83	60 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

Counterweight 78t, outrigger extension width 8.5m

PS + boom + 2.0m + 47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5	
Load radius (m)	Offset		Offset		Offset	
	0°	20°	0°	20°	0°	20°
16.0	6.7					
18.0	6.7		5.6			
20.0	6.7		5.6		3.3	
22.0	6.7		5.6		3.3	
24.0	6.7		5.6		3.3	
26.0	6.7		5.6		3.3	
28.0	6.7		5.6		3.3	
30.0	6.7		5.6		3.3	
32.0	6.7		5.6		3.3	
34.0	6.4	3.7	5.6		3.3	
36.0	5.9	3.5	5.6	3.6	3.3	
38.0	5.4	3.2	5.6	3.4	3.3	3.5
40.0	5.0	3.0	5.4	3.1	3.3	3.3
42.0	4.6	2.8	5.0	2.9	3.3	3.1
44.0	4.3	2.6	4.7	2.7	3.3	2.9
46.0	4.0	2.4	4.3	2.6	3.3	2.7
48.0	3.7	2.3	4.0	2.4	3.3	2.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4
54.0	2.9	1.8	3.2	1.9	3.3	2.1
58.0	2.5	1.6	2.8	1.7	2.9	1.8
62.0	2.1		2.4	1.5	2.5	1.6
66.0	1.8		2.0		2.0	
θ (°)	44 to 84.5	62 to 84.5	48 to 84.5	62 to 84.5	51 to 84.5	65 to 84.5
Standard hook block	12.2t					
Hook block weight	440kg					
Standard number of parts of line	1					

PS + Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	56.8	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	50.2	48.4	47.2	45.4	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	42.7	43.4	42.5	42.5	41.1	39.9	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	35.7	36.4	36.8	36.2	36.9	36.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	30.4	30.9	31.3	30.8	31.4	31.8	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	26.1	26.5	26.8	26.5	27.0	27.3	23.8	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	22.5	23.0	23.2	23.0	23.4	23.7	22.9	21.5	20.7	18.4	17.5	16.9	17.6	16.8	16.2
28.0	19.6	20.0	20.1	20.1	20.4	20.6	20.8	20.8	20.1	17.6	16.8	16.3	16.8	16.1	15.6
30.0	17.1	17.4	17.6	17.6	17.9	18.1	18.3	18.6	18.8	16.9	16.1	15.7	15.6	15.2	14.9
32.0	15.0	15.3	15.4	15.5	15.7	15.9	16.2	16.5	16.6	16.2	15.6	15.2	14.5	14.1	13.9
34.0	13.2	13.4	13.4	13.6	13.9	14.0	14.3	14.6	14.7	14.9	15.0	14.7	13.5	13.2	13.0
36.0	11.4	11.6		11.9	12.2	12.3	12.7	12.9	13.0	13.3	13.5	13.7	12.6	12.3	12.2
38.0	9.7	9.9		10.3	10.5	10.6	11.2	11.4	11.5	11.9	12.1	12.2	11.8	11.6	11.5
40.0	8.3	8.4		8.9	9.1		9.8	10.0	10.0	10.5	10.7	10.8	10.6	10.9	10.8
42.0	7.0			7.6	7.8		8.5	8.7	8.7	9.2	9.4	9.5	9.3	9.6	9.7
44.0	3.8			6.5	6.6		7.3	7.5		8.0	8.2	8.3	8.2	8.4	8.5
46.0				5.4	5.5		6.3	6.4		7.0	7.1	7.2	7.1	7.3	7.4
48.0				4.5			5.3	5.4		6.0	6.2		6.1	6.3	6.4
50.0							4.5	4.5		5.2	5.3		5.3	5.4	
54.0							2.5			3.6	3.7		3.7	3.8	
58.0										2.3			2.4	2.5	
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	13 to 84.5	23 to 84.5	42 to 84.5	0 to 84.5	25 to 84.5	42 to 84.5	13 to 84.5	27 to 84.5	42 to 84.5	27 to 84.5	27 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	37.6	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	35.3	28.1	23.3	33.9	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	31.4	27.1	22.8	30.6	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	27.1	26.1	22.3	27.5	25.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	23.6	25.1	21.9	23.9	24.1	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	20.7	22.0	21.5	21.0	22.3	21.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	18.2	19.4	20.3	18.5	19.7	20.2	16.3	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	16.0	17.1	17.9	16.4	17.5	18.3	15.6	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	14.2	15.2	15.9	14.5	15.5	16.3	14.9	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	12.6	13.5	14.0	12.9	13.8	14.5	13.3	12.6	11.6	12.0	10.7	10.0	10.4	9.8	9.5
38.0	11.1	11.9	12.4	11.4	12.3	12.9	11.8	12.2	11.3	11.5	10.3	9.7	9.7	9.2	8.9
40.0	9.7	10.5	11.0	10.0	10.9	11.4	10.5	11.3	11.0	11.0	10.0	9.4	9.0	8.6	8.4
42.0	8.4	9.1	9.5	8.7	9.6	10.1	9.2	10.1	10.6	9.7	9.7	9.1	8.4	8.1	7.9
44.0	7.2	7.9		7.6	8.3	8.7	8.0	8.8	9.4	8.6	9.4	8.9	7.9	7.6	7.4
46.0	6.2	6.7		6.5	7.2	7.5	7.0	7.7	8.1	7.5	8.3	8.7	7.4	7.1	7.0
48.0	5.3	5.7		5.6	6.1		6.1	6.7	7.0	6.6	7.3	7.7	6.5	6.7	6.6
50.0	4.4			4.7	5.2		5.2	5.8	6.0	5.7	6.3	6.7	5.6	6.3	6.3
54.0				3.2	3.5		3.7	4.1		4.2	4.7	4.9	4.1	4.6	4.9
58.0							2.4	2.7		2.9	3.2		2.7	3.2	
62.0										1.7	2.0		1.6	2.0	
θ (°)	17 to 83	28 to 84.5	44 to 84.5	20 to 83	24 to 84.5	44 to 84.5	22 to 83	26 to 84.5	43 to 84.5	24 to 83	28 to 84.5	43 to 84.5	32 to 83	35 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	25.2	17.5	13.6	24.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	24.0	16.7	13.3	23.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	21.4	16.1	12.9	21.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	18.9	15.4	12.7	19.0	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	16.8	14.9	12.4	16.8	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	14.9	14.4	12.2	15.0	15.0	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	13.3	13.9	12.0	13.3	14.5	12.2	12.1	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	11.8	13.1	11.8	11.9	13.2	12.0	11.6	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	10.5	11.7	11.7	10.6	11.8	11.8	11.0	9.5	8.6	9.4	8.2	7.5	7.8	7.3	7.0
42.0	9.2	10.4	11.1	9.3	10.6	11.3	9.7	9.2	8.4	9.0	7.9	7.3	7.3	6.9	6.7
44.0	8.0	9.2	9.9	8.1	9.3	10.1	8.6	9.0	8.2	8.7	7.7	7.1	6.7	6.4	6.3
46.0	7.0	8.0	8.6	7.1	8.2	8.9	7.5	8.7	8.0	7.8	7.4	6.9	6.3	6.0	5.9
48.0	6.0	6.9	7.4	6.1	7.1	7.7	6.6	7.6	7.9	6.8	7.2	6.7	5.9	5.6	5.6
50.0	5.2	5.9		5.2	6.1	6.7	5.7	6.7	7.3	6.0	7.0	6.6	5.5	5.3	5.3
54.0	3.6	4.1		3.7	4.4		4.1	4.9	5.4	4.4	5.3	5.8	4.2	4.7	4.7
58.0				2.4	2.9		2.8	3.5		3.1	3.8	4.2	2.9	3.7	4.2
62.0							1.7	2.1		2.0	2.5		1.8	2.5	2.8
θ (°)	23 to 83	28 to 84.5	44 to 84.5	25 to 83	30 to 84.5	48 to 84.5	26 to 83	31 to 84.5	47 to 84.5	34 to 83	39 to 84.5	47 to 84.5	40 to 83	44 to 84.5	46 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	17.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	15.1	10.7	8.5	16.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	14.2	10.3	8.3	15.3	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	13.4	9.9	8.1	13.8	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	12.4	9.6	7.9	12.4	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	11.1	9.2	7.7	11.1	9.6	7.9	9.5	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	9.8	8.9	7.6	9.8	9.3	7.7	9.1	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	8.7	8.6	7.5	8.7	9.0	7.6	8.7	7.3	6.6	7.5	6.4	5.8	5.0	5.5	4.9
46.0	7.6	8.4	7.4	7.6	8.7	7.5	7.8	7.1	6.4	7.2	6.2	5.6	4.7	5.1	4.7
48.0	6.6	8.0	7.3	6.6	8.1	7.4	6.8	6.9	6.3	6.9	6.0	5.5	4.4	4.8	4.5
50.0	5.8	6.9	7.2	5.7	7.1	7.3	6.0	6.7	6.1	6.1	5.8	5.3	4.1	4.4	4.3
54.0	4.2	5.1	5.6	4.2	5.3	6.0	4.4	5.6	5.9	4.6	5.4	5.0	3.5	3.9	3.9
58.0	2.9	3.6		2.9	3.8	4.2	3.1	4.1	4.7	3.3	4.3	4.8	3.0	3.4	3.4
62.0	1.8			1.8	2.4		2.0	2.8	3.2	2.2	3.0	3.6	1.9	2.9	3.0
66.0								1.6			1.9	2.3		1.8	2.3
θ (°)	16 to 83	33 to 84.5	45 to 84.5	28 to 83	35 to 84.5	45 to 84.5	35 to 83	35 to 84.5	45 to 84.5	41 to 83	42 to 84.5	45 to 84.5	45 to 83	47 to 84.5	50 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.9	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	9.5	6.9	5.5	10.2	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	8.9	6.7	5.4	9.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	8.5	6.4	5.3	8.9	6.7	5.4	7.5	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	7.9	6.2	5.1	7.8	6.5	5.2	7.2	6.0	5.2	6.4	5.4	4.8	2.3	4.1	3.6
48.0	7.0	6.0	5.0	6.9	6.3	5.1	6.9	5.8	5.1	6.1	5.2	4.6	2.1	3.9	3.4
50.0	6.1	5.8	5.0	6.0	6.1	5.0	6.1	5.6	5.0	5.9	5.0	4.4	1.8	3.6	3.3
54.0	4.5	5.4	4.8	4.4	5.7	4.9	4.6	5.2	4.7	4.9	4.5	4.0		3.2	3.0
58.0	3.2	4.3	4.8	3.1	4.4	4.8	3.2	4.6	4.4	3.6	4.1	3.7		2.7	2.7
62.0	2.1	2.9		2.0	3.0	3.6	2.1	3.2	4.0	2.4	3.6	3.4		2.3	2.4
66.0		1.6			1.8			2.1	2.6		2.4	3.1		1.9	2.0
70.0												1.9			1.7
θ (°)	29 to 83	29 to 84.5	49 to 84.5	36 to 83	39 to 84.5	49 to 84.5	42 to 83	45 to 84.5	49 to 84.5	46 to 83	50 to 84.5	49 to 84.5	59 to 83	53 to 84.5	53 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.5	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.6	4.8	3.8	7.1	5.0	3.9	6.6	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	6.2	4.6	3.7	6.7	4.8	3.7	6.3	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	5.9	4.4	3.6	6.3	4.7	3.7	6.0	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	4.9	4.1	3.4	4.8	4.3	3.5	5.1	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	3.6	3.8	3.3	3.5	4.0	3.3	3.7	4.1	3.6	2.7	3.3	2.9		2.3	2.0
62.0	2.5	3.6	3.2	2.3	3.7	3.2	2.6	3.8	3.4	2.3	3.0	2.6		1.9	1.8
66.0	1.5	2.5	3.0		2.5	3.2	1.6	2.8	3.2	1.6	2.7	2.4			1.6
70.0						1.9		1.8	2.5		1.9	2.2			
θ (°)	32 to 83	41 to 84.5	46 to 84.5	42 to 83	47 to 84.5	47 to 84.5	43 to 83	47 to 84.5	53 to 84.5	47 to 83	52 to 84.5	57 to 84.5	70 to 83	61 to 84.5	63 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.4	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	5.1	3.4	2.4	5.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	4.1	2.9	2.1	4.5	3.1	2.2	4.4	3.2	2.3		2.6	2.2		1.7	
58.0	3.6	2.6	2.0	3.6	2.8	2.0	3.6	2.9	2.1		2.3	1.9			
62.0	2.6	2.3	1.8	2.4	2.5	1.9	2.4	2.7	2.0		1.9	1.6			
66.0	1.6	2.1	1.7		2.3	1.8		2.4	1.8		1.6				
70.0		1.8	1.7		1.7	1.7		1.9	1.8						
θ (°)	39 to 83	44 to 84.5	51 to 84.5	47 to 83	49 to 84.5	56 to 84.5	51 to 83	54 to 84.5	60 to 84.5	65 to 83	60 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.0m +47.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4		45.4		50.5	
Load radius (m)	Offset		Offset		Offset	
	0°	20°	0°	20°	0°	20°
16.0	6.7					
18.0	6.7		5.6			
20.0	6.7		5.6		3.3	
22.0	6.7		5.6		3.3	
24.0	6.7		5.6		3.3	
26.0	6.7		5.6		3.3	
28.0	6.7		5.6		3.3	
30.0	6.7		5.6		3.3	
32.0	6.7		5.6		3.3	
34.0	6.4	3.7	5.6		3.3	
36.0	5.9	3.5	5.6	3.6	3.3	
38.0	5.4	3.2	5.6	3.4	3.3	3.5
40.0	5.0	3.0	5.4	3.1	3.3	3.3
42.0	4.6	2.8	5.0	2.9	3.3	3.1
44.0	4.3	2.6	4.7	2.7	3.3	2.9
46.0	4.0	2.4	4.3	2.6	3.3	2.7
48.0	3.7	2.3	4.0	2.4	3.3	2.5
50.0	3.4	2.1	3.7	2.2	3.3	2.4
54.0	2.9	1.8	3.2	1.9	3.3	2.1
58.0	2.5	1.6	2.8	1.7	2.9	1.8
62.0	2.1		2.4	1.5	2.4	1.6
66.0	1.6					
θ (°)	44 to 84.5	62 to 84.5	51 to 84.5	62 to 84.5	54 to 84.5	65 to 84.5
Standard hook block	12.2t					
Hook block weight	440kg					
Standard number of parts of line	1					

PS + Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	54.1	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	43.5	44.4	45.1	44.0	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	35.8	36.6	37.1	36.3	37.0	37.6	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	30.0	30.6	31.1	30.4	31.1	31.5	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	25.4	25.9	26.3	25.9	26.4	26.8	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	21.7	22.2	22.5	22.2	22.6	22.9	22.9	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	18.7	19.1	19.3	19.1	19.5	19.8	19.8	20.2	20.5	18.4	17.5	16.9	17.6	16.8	16.2
28.0	16.1	16.5	16.6	16.6	16.9	17.1	17.3	17.6	17.9	17.6	16.8	16.3	16.8	16.1	15.6
30.0	14.0	14.3	14.4	14.4	14.7	14.9	15.1	15.4	15.6	15.7	16.0	15.7	15.6	15.2	14.9
32.0	12.0	12.3	12.4	12.5	12.8	13.0	13.2	13.5	13.7	13.8	14.1	14.3	14.0	14.1	13.9
34.0	10.2	10.4	10.5	10.7	11.0	11.2	11.6	11.9	12.0	12.2	12.5	12.6	12.4	12.6	12.8
36.0	8.6	8.8		9.1	9.4	9.5	10.0	10.3	10.4	10.7	11.0	11.1	10.9	11.2	11.3
38.0	7.1	7.3		7.7	7.9	8.0	8.6	8.8	8.9	9.3	9.6	9.7	9.4	9.7	9.9
40.0	5.9	6.0		6.4	6.6		7.3	7.5	7.6	8.0	8.3	8.4	8.2	8.4	8.5
42.0	4.7			5.3	5.4		6.1	6.3	6.4	6.9	7.1	7.2	7.0	7.2	7.3
44.0	3.7			4.3	4.4		5.1	5.3		5.8	6.0	6.1	6.0	6.2	6.2
46.0				3.4	3.4		4.2	4.3		4.9	5.1	5.1	5.0	5.2	5.3
48.0				2.5			3.3	3.4		4.1	4.2		4.2	4.3	4.4
50.0							2.6	2.6		3.3	3.4		3.4	3.5	
54.0										1.9	2.0		2.0	2.1	
θ (°)	0 to 84	27 to 84	43 to 84	13 to 84.5	23 to 84.5	42 to 84.5	24 to 84.5	25 to 84.5	42 to 84.5	26 to 84.5	27 to 84.5	42 to 84.5	34 to 84.5	35 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	36.8	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	31.0	28.1	23.3	31.3	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	26.4	27.1	22.8	26.7	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	22.7	24.4	22.3	23.0	24.7	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	19.7	21.2	21.9	20.0	21.5	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	17.1	18.5	19.5	17.4	18.8	19.9	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	15.0	16.2	17.1	15.3	16.5	17.4	15.7	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	13.1	14.2	15.0	13.4	14.5	15.3	13.8	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	11.4	12.4	13.1	11.8	12.8	13.5	12.2	13.0	11.9	12.5	11.1	10.3	11.2	10.5	9.9
36.0	9.8	10.9	11.5	10.2	11.3	11.9	10.7	11.7	11.6	11.2	10.7	10.0	10.4	9.8	9.5
38.0	8.4	9.4	10.0	8.8	9.8	10.5	9.3	10.3	10.9	9.8	10.3	9.7	9.7	9.2	8.9
40.0	7.2	8.0	8.5	7.5	8.4	9.0	8.0	8.9	9.6	8.5	9.5	9.4	8.4	8.6	8.4
42.0	6.0	6.8	7.1	6.4	7.2	7.7	6.8	7.7	8.3	7.4	8.3	8.9	7.3	8.1	7.9
44.0	5.0	5.6		5.4	6.1	6.5	5.8	6.6	7.1	6.3	7.2	7.7	6.2	7.1	7.4
46.0	4.1	4.6		4.4	5.1	5.4	4.9	5.6	6.0	5.4	6.2	6.6	5.3	6.1	6.6
48.0	3.3	3.7		3.6	4.1		4.1	4.7	5.0	4.6	5.3	5.7	4.5	5.2	5.7
50.0	2.5			2.8	3.3		3.3	3.9	4.1	3.8	4.4	4.8	3.7	4.4	4.8
54.0							1.9	2.4		2.4	2.9	3.2	2.3	2.9	3.2
58.0											1.6			1.6	
θ (°)	17 to 83	28 to 84.5	44 to 84.5	30 to 83	34 to 84.5	44 to 84.5	31 to 83	35 to 84.5	43 to 84.5	38 to 83	36 to 84.5	43 to 84.5	43 to 83	41 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	23.5	17.5	13.6	23.5	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	20.4	16.7	13.3	20.5	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	17.8	16.1	12.9	17.9	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	15.7	15.4	12.7	15.7	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	13.8	14.9	12.4	13.9	15.5	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	12.2	13.6	12.2	12.2	13.7	12.4	12.6	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	10.7	12.1	12.0	10.7	12.2	12.2	11.2	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	9.2	10.7	11.6	9.3	10.8	11.8	9.8	9.8	8.8	9.8	8.5	7.8	8.4	7.8	7.3
40.0	8.0	9.3	10.2	8.0	9.5	10.4	8.5	9.5	8.6	8.8	8.2	7.5	7.8	7.3	7.0
42.0	6.8	8.1	8.9	6.9	8.2	9.2	7.4	8.7	8.4	7.6	7.9	7.3	7.3	6.9	6.7
44.0	5.8	6.9	7.6	5.9	7.1	7.9	6.3	7.6	8.2	6.6	7.7	7.1	6.4	6.4	6.3
46.0	4.9	5.8	6.4	4.9	6.0	6.8	5.4	6.6	7.4	5.7	6.9	6.9	5.5	6.0	5.9
48.0	4.0	4.9	5.3	4.1	5.1	5.7	4.5	5.6	6.3	4.8	5.9	6.7	4.6	5.6	5.6
50.0	3.2	4.0		3.3	4.2	4.7	3.8	4.7	5.3	4.0	5.1	5.7	3.9	4.9	5.3
54.0		2.4		2.0	2.7		2.4	3.2	3.6	2.7	3.5	4.1	2.5	3.4	4.0
58.0								1.8		1.5	2.2	2.6		2.1	2.6
θ (°)	32 to 83	28 to 84.5	44 to 84.5	33 to 83	38 to 84.5	48 to 84.5	40 to 83	38 to 84.5	47 to 84.5	40 to 83	44 to 84.5	47 to 84.5	48 to 83	49 to 84.5	52 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	18.4	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	16.1	11.2	8.7	16.2	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	14.3	10.7	8.5	14.3	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	12.7	10.3	8.3	12.7	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	11.3	9.9	8.1	11.3	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	9.9	9.6	7.9	9.9	10.0	8.1	9.9	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	8.6	9.2	7.7	8.6	9.6	7.9	8.8	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	7.4	8.9	7.6	7.4	9.3	7.7	7.7	7.6	6.7	7.8	6.7	6.0	5.4	5.8	5.1
44.0	6.4	8.0	7.5	6.4	8.1	7.6	6.6	7.3	6.6	6.8	6.4	5.8	5.0	5.5	4.9
46.0	5.5	6.9	7.4	5.5	7.0	7.5	5.7	7.1	6.4	5.9	6.2	5.6	4.7	5.1	4.7
48.0	4.6	5.9	6.9	4.6	6.0	7.1	4.8	6.3	6.3	5.0	6.0	5.5	4.4	4.8	4.5
50.0	3.8	5.0	5.8	3.8	5.1	6.1	4.0	5.4	6.1	4.2	5.6	5.3	4.0	4.4	4.3
54.0	2.4	3.4	3.9	2.4	3.5	4.2	2.7	3.8	4.6	2.8	4.0	4.9	2.6	3.9	3.9
58.0		1.9			2.1	2.6	1.5	2.4	3.1	1.7	2.7	3.4		2.6	3.4
62.0									1.7		1.5	2.1			2.0
θ (°)	34 to 83	33 to 84.5	45 to 84.5	41 to 83	42 to 84.5	45 to 84.5	41 to 83	47 to 84.5	45 to 84.5	45 to 83	47 to 84.5	51 to 84.5	52 to 83	55 to 84.5	55 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	11.5	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	10.0	7.2	5.7	10.1	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	8.9	6.9	5.5	8.8	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	7.8	6.7	5.4	7.7	7.0	5.5	7.8	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	6.7	6.4	5.3	6.6	6.7	5.4	6.8	6.2	5.4	6.7	5.6	5.0	2.6	4.3	3.8
46.0	5.8	6.2	5.1	5.7	6.5	5.2	5.8	6.0	5.2	6.2	5.4	4.8	2.3	4.1	3.6
48.0	4.9	6.0	5.0	4.8	6.3	5.1	5.0	5.8	5.1	5.3	5.2	4.6	2.1	3.9	3.4
50.0	4.1	5.7	5.0	4.0	5.7	5.0	4.2	5.6	5.0	4.5	5.0	4.4	1.8	3.6	3.3
54.0	2.8	4.1	4.8	2.7	4.1	4.9	2.8	4.3	4.7	3.1	4.5	4.0		3.2	3.0
58.0	1.6	2.7	3.4	1.5	2.7	3.6	1.6	2.9	3.9	1.9	3.3	3.7		2.7	2.7
62.0					1.5	2.1		1.7	2.5		2.1	3.0			2.4
θ (°)	36 to 83	44 to 84.5	49 to 84.5	42 to 83	45 to 84.5	49 to 84.5	46 to 83	49 to 84.5	54 to 84.5	50 to 83	54 to 84.5	59 to 84.5	59 to 83	60 to 84.5	61 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	8.0	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	7.0	5.0	3.9	7.0	5.3	4.0	6.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	6.2	4.8	3.8	6.0	5.0	3.9	6.4	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	5.3	4.6	3.7	5.2	4.8	3.7	5.5	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	4.5	4.4	3.6	4.4	4.7	3.7	4.7	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	3.2	4.1	3.4	3.0	4.3	3.5	3.3	4.5	3.7	3.2	3.7	3.2		2.6	2.3
58.0	2.0	3.4	3.3	1.8	3.4	3.3	2.1	3.7	3.6	2.2	3.3	2.9		2.3	2.0
62.0		2.2	3.0		2.1	3.2		2.5	3.4		2.6	2.6			1.8
66.0			1.6			1.8			2.3			2.4			
θ (°)	42 to 83	47 to 84.5	46 to 84.5	47 to 83	52 to 84.5	53 to 84.5	51 to 83	56 to 84.5	58 to 84.5	54 to 83	59 to 84.5	61 to 84.5	70 to 83	64 to 84.5	67 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.8	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	5.3	3.6	2.5	5.3	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.6	3.2	2.3	4.5	3.4	2.4	4.5	3.6	2.4		3.0	2.5		2.1	1.7
54.0	3.3	2.9	2.1	3.1	3.1	2.2	3.1	3.2	2.3		2.6	2.2		1.7	
58.0	2.1	2.6	2.0	1.9	2.8	2.0		2.9	2.1		2.3	1.9			
62.0		2.3	1.8		2.5	1.9		2.6	2.0		1.9	1.6			
66.0		1.5	1.7			1.8			1.8						
θ (°)	47 to 83	49 to 84.5	56 to 84.5	51 to 83	57 to 84.5	61 to 84.5	57 to 83	61 to 84.5	64 to 84.5	65 to 83	63 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

PS + Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	53.9	54.2	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	43.1	44.0	44.7	43.6	42.8	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	35.3	36.1	36.6	35.8	36.6	37.1	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	29.5	30.1	30.5	29.9	30.6	31.0	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	24.9	25.4	25.8	25.3	25.9	26.2	24.9	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	21.1	21.6	21.9	21.6	22.1	22.4	22.3	22.3	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	18.0	18.4	18.6	18.5	18.9	19.1	19.2	19.6	19.9	18.4	17.5	16.9	17.6	16.8	16.2
28.0	15.4	15.8	16.0	15.9	16.2	16.5	16.6	17.0	17.2	17.3	16.8	16.3	16.8	16.1	15.6
30.0	13.2	13.5	13.7	13.7	14.0	14.2	14.4	14.7	14.9	15.1	15.4	15.6	15.2	15.2	14.9
32.0	11.3	11.6	11.7	11.8	12.1	12.2	12.5	12.8	13.0	13.2	13.5	13.6	13.3	13.6	13.8
34.0	9.4	9.7	9.8	10.0	10.3	10.4	10.9	11.2	11.3	11.5	11.8	12.0	11.7	12.0	12.1
36.0	7.8	8.0		8.4	8.7	8.7	9.3	9.6	9.7	10.0	10.3	10.5	10.2	10.5	10.6
38.0	6.4	6.6		7.0	7.2	7.3	7.9	8.1	8.2	8.6	8.9	9.0	8.8	9.0	9.2
40.0	5.1	5.2		5.7	5.9		6.6	6.8	6.9	7.3	7.6	7.7	7.5	7.7	7.9
42.0	4.0			4.6	4.7		5.5	5.6	5.7	6.2	6.4	6.5	6.3	6.6	6.7
44.0	3.0			3.6	3.7		4.5	4.6		5.2	5.4	5.4	5.3	5.5	5.6
46.0				2.7	2.8		3.5	3.7		4.3	4.4	4.5	4.4	4.6	4.6
48.0							2.7	2.8		3.4	3.6		3.5	3.7	3.7
50.0							2.0	2.0		2.7	2.8		2.8	2.9	
54.0														1.5	
θ (°)	0 to 84.5	27 to 84.5	43 to 84.5	22 to 84.5	23 to 84.5	42 to 84.5	24 to 84.5	25 to 84.5	42 to 84.5	35 to 84.5	35 to 84.5	42 to 84.5	41 to 84.5	35 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	36.4	29.3	23.9	36.1	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	30.5	28.1	23.3	30.8	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	25.9	27.1	22.8	26.2	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	22.2	23.9	22.3	22.5	24.2	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	19.1	20.6	21.9	19.4	21.0	21.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	16.5	17.9	18.9	16.8	18.2	19.3	17.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	14.3	15.5	16.5	14.6	15.9	16.9	15.0	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	12.4	13.5	14.3	12.7	13.9	14.7	13.1	13.4	12.2	13.1	11.6	10.6	12.1	11.1	10.3
34.0	10.8	11.8	12.5	11.1	12.2	12.9	11.5	12.5	11.9	12.0	11.1	10.3	11.2	10.5	9.9
36.0	9.2	10.3	10.9	9.5	10.6	11.3	10.0	11.0	11.6	10.6	10.7	10.0	10.4	9.8	9.5
38.0	7.7	8.7	9.4	8.1	9.2	9.9	8.6	9.7	10.3	9.2	10.2	9.7	9.0	9.2	8.9
40.0	6.5	7.4	7.9	6.9	7.8	8.4	7.3	8.3	9.0	7.9	8.9	9.4	7.8	8.6	8.4
42.0	5.4	6.1	6.5	5.7	6.6	7.1	6.2	7.1	7.7	6.8	7.7	8.3	6.6	7.6	7.9
44.0	4.4	5.0		4.7	5.5	5.9	5.2	6.0	6.5	5.7	6.6	7.1	5.6	6.5	7.1
46.0	3.5	4.0		3.8	4.5	4.8	4.3	5.0	5.4	4.8	5.6	6.1	4.7	5.5	6.1
48.0	2.7	3.1		3.0	3.5		3.5	4.1	4.5	4.0	4.7	5.1	3.9	4.6	5.1
50.0					2.7		2.7	3.3	3.5	3.2	3.8	4.2	3.1	3.8	4.2
54.0								1.8		1.9	2.4	2.6	1.8	2.3	2.6
θ (°)	24 to 83	28 to 84.5	44 to 84.5	34 to 83	34 to 84.5	44 to 84.5	38 to 83	35 to 84.5	43 to 84.5	38 to 83	42 to 84.5	43 to 84.5	43 to 83	46 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	26.5	18.3	14.0	25.6	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	23.0	17.5	13.6	23.0	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	19.9	16.7	13.3	19.9	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	17.2	16.1	12.9	17.3	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	15.0	15.4	12.7	15.1	16.0	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	13.2	14.8	12.4	13.2	14.9	12.6	13.2	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	11.5	13.0	12.2	11.6	13.2	12.4	12.0	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	10.0	11.5	12.0	10.1	11.6	12.2	10.6	10.1	9.1	10.3	8.8	8.0	9.1	8.4	7.6
38.0	8.6	10.1	11.0	8.7	10.2	11.2	9.2	9.8	8.8	9.5	8.5	7.8	8.4	7.8	7.3
40.0	7.3	8.7	9.7	7.4	8.9	9.9	7.9	9.4	8.6	8.2	8.2	7.5	7.8	7.3	7.0
42.0	6.2	7.5	8.4	6.3	7.7	8.6	6.8	8.2	8.4	7.0	7.9	7.3	6.9	6.9	6.7
44.0	5.2	6.3	7.1	5.3	6.5	7.4	5.7	7.0	7.9	6.0	7.3	7.1	5.8	6.4	6.3
46.0	4.3	5.3	5.9	4.3	5.5	6.2	4.8	6.0	6.8	5.1	6.3	6.9	4.9	6.0	5.9
48.0	3.4	4.3	4.8	3.5	4.5	5.2	4.0	5.0	5.8	4.2	5.4	6.2	4.1	5.3	5.6
50.0	2.7	3.4		2.8	3.7	4.2	3.2	4.2	4.8	3.5	4.5	5.2	3.3	4.4	5.2
54.0					2.1		1.8	2.6	3.1	2.1	3.0	3.5	2.0	2.9	3.5
58.0											1.7	2.1			2.1
θ (°)	32 to 83	38 to 84.5	44 to 84.5	39 to 83	38 to 84.5	48 to 84.5	40 to 83	44 to 84.5	47 to 84.5	45 to 83	44 to 84.5	47 to 84.5	48 to 83	53 to 84.5	52 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.2	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	17.3	11.7	9.0	17.9	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	15.7	11.2	8.7	15.7	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	13.8	10.7	8.5	13.7	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	12.1	10.3	8.3	12.1	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	10.7	9.9	8.1	10.7	10.3	8.2	10.3	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	9.3	9.6	7.9	9.3	10.0	8.1	9.5	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	8.0	9.2	7.7	8.0	9.6	7.9	8.2	7.8	6.9	8.1	6.9	6.2	5.8	6.1	5.4
42.0	6.9	8.6	7.6	6.8	8.7	7.7	7.1	7.6	6.7	7.3	6.7	6.0	5.4	5.8	5.1
44.0	5.8	7.4	7.5	5.8	7.5	7.6	6.0	7.3	6.6	6.2	6.4	5.8	5.0	5.5	4.9
46.0	4.9	6.4	7.4	4.9	6.5	7.5	5.1	6.7	6.4	5.3	6.2	5.6	4.7	5.1	4.7
48.0	4.0	5.4	6.3	4.0	5.5	6.6	4.3	5.8	6.3	4.4	6.0	5.5	4.2	4.8	4.5
50.0	3.3	4.5	5.3	3.3	4.6	5.5	3.5	4.9	5.9	3.7	5.1	5.3	3.5	4.4	4.3
54.0	1.9	2.9	3.4	1.9	3.0	3.7	2.1	3.3	4.1	2.3	3.5	4.4		3.4	3.9
58.0					1.6	2.1		2.0	2.6		2.2	2.9		2.1	2.9
θ (°)	34 to 83	41 to 84.5	45 to 84.5	41 to 83	42 to 84.5	45 to 84.5	45 to 83	47 to 84.5	51 to 84.5	50 to 83	52 to 84.5	56 to 84.5	56 to 83	55 to 84.5	59 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	13.1	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	12.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.7	7.6	5.9	10.9	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	9.6	7.2	5.7	9.5	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	8.4	6.9	5.5	8.3	7.2	5.6	8.2	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	7.2	6.7	5.4	7.1	7.0	5.5	7.2	6.4	5.6	7.0	5.8	5.2	2.9	4.6	4.0
44.0	6.2	6.4	5.3	6.1	6.7	5.4	6.2	6.2	5.4	6.6	5.6	5.0	2.6	4.3	3.8
46.0	5.2	6.2	5.1	5.1	6.5	5.2	5.3	6.0	5.2	5.7	5.4	4.8	2.3	4.1	3.6
48.0	4.4	6.0	5.0	4.3	6.2	5.1	4.4	5.8	5.1	4.8	5.2	4.6	2.1	3.9	3.4
50.0	3.6	5.2	5.0	3.5	5.2	5.0	3.6	5.4	5.0	4.0	5.0	4.4	1.8	3.6	3.3
54.0	2.2	3.6	4.6	2.2	3.6	4.8	2.3	3.8	4.7	2.6	4.2	4.0		3.2	3.0
58.0		2.2	2.9		2.2	3.1		2.5	3.4		2.8	3.7		2.7	2.7
62.0						1.7			2.0			2.5			
θ (°)	41 to 83	44 to 84.5	49 to 84.5	46 to 83	50 to 84.5	49 to 84.5	50 to 83	54 to 84.5	54 to 84.5	54 to 83	57 to 84.5	59 to 84.5	59 to 83	60 to 84.5	65 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	9.0	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.9	5.5	4.2	8.5	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	7.4	5.3	4.0	7.5	5.5	4.1	7.2	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	6.6	5.0	3.9	6.4	5.3	4.0	6.8	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	5.7	4.8	3.8	5.5	5.0	3.9	5.8	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	4.8	4.6	3.7	4.7	4.8	3.7	5.0	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	4.0	4.4	3.6	3.9	4.7	3.7	4.2	4.9	3.9	3.7	4.1	3.6		3.0	2.6
54.0	2.7	4.1	3.4	2.5	4.3	3.5	2.8	4.5	3.7	2.9	3.7	3.2		2.6	2.3
58.0	1.5	3.0	3.3		2.9	3.3		3.3	3.6		3.3	2.9		2.3	2.0
62.0		1.7	2.6		1.7	2.8		2.1	3.2			2.6			1.8
θ (°)	42 to 83	47 to 84.5	53 to 84.5	50 to 83	52 to 84.5	58 to 84.5	54 to 83	56 to 84.5	62 to 84.5	57 to 83	62 to 84.5	65 to 84.5	70 to 83	64 to 84.5	67 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.0m + 41.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
16.0	10.1			8.6											
18.0	10.1			8.6			6.0								
20.0	10.1			8.6			6.0			3.5					
22.0	10.1			8.6			6.0			3.5			1.9		
24.0	10.1			8.6			6.0			3.5			1.6		
26.0	10.1			8.6			6.0			3.4					
28.0	10.1			8.6			6.0			3.2					
30.0	9.5	5.8		8.6			6.0			3.1					
32.0	8.8	5.4		8.6	5.6		6.0			2.9					
34.0	8.2	5.1		8.6	5.3		6.0	5.4		2.8					
36.0	7.6	4.8		8.2	5.0		6.0	5.1		2.6	4.8			3.1	
38.0	7.0	4.5		7.6	4.7		6.0	4.9		2.4	4.6			3.1	
40.0	6.5	4.2		7.1	4.4		6.0	4.6		2.2	4.3			3.1	
42.0	6.1	4.0	2.8	6.6	4.2		6.0	4.4		2.0	4.0			2.9	
44.0	5.7	3.8	2.6	6.2	4.0	2.7	5.9	4.1		1.8	3.7			2.7	
46.0	5.3	3.6	2.5	5.7	3.8	2.6	5.6	3.9	2.6	1.6	3.5			2.5	
48.0	4.9	3.4	2.4	4.8	3.6	2.5	4.8	3.7	2.5		3.2	2.6		2.3	1.9
50.0	4.2	3.2	2.3	4.0	3.4	2.4	4.0	3.6	2.4		3.0	2.5		2.1	1.7
54.0	2.8	2.9	2.1	2.6	3.1	2.2	2.6	3.2	2.3		2.6	2.2		1.7	
58.0		2.6	2.0		2.8	2.0		2.9	2.1		2.3	1.9			
62.0		2.2	1.8			1.9			2.0			1.6			
66.0			1.7												
θ (°)	51 to 83	54 to 84.5	56 to 84.5	54 to 83	61 to 84.5	65 to 84.5	57 to 83	64 to 84.5	68 to 84.5	65 to 83	66 to 84.5	70 to 84.5	80 to 83	70 to 84.5	80 to 84.5
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

PS + Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	51.6	52.8	50.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	40.9	41.9	42.5	41.4	42.3	41.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	33.3	34.0	34.6	33.7	34.5	35.1	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	27.5	28.2	28.6	28.0	28.7	29.1	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	23.1	23.6	24.0	23.5	24.1	24.5	24.3	23.1	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	19.5	20.0	20.3	19.9	20.4	20.7	20.7	21.2	21.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	16.6	17.0	17.2	17.0	17.4	17.7	17.8	18.2	18.5	18.4	17.5	16.9	17.6	16.8	16.2
28.0	14.1	14.5	14.7	14.6	15.0	15.2	15.3	15.7	15.9	16.0	16.3	16.3	16.1	16.1	15.6
30.0	12.1	12.4	12.5	12.5	12.8	13.0	13.2	13.6	13.8	13.9	14.2	14.4	14.0	14.4	14.6
32.0	10.0	10.4	10.5	10.6	11.0	11.2	11.5	11.8	11.9	12.1	12.4	12.6	12.2	12.5	12.7
34.0	8.3	8.6	8.6	8.9	9.2	9.3	9.8	10.1	10.3	10.5	10.8	11.0	10.7	11.0	11.1
36.0	6.8	7.0		7.4	7.6	7.7	8.2	8.5	8.7	9.0	9.3	9.5	9.1	9.5	9.6
38.0	5.4	5.6		6.0	6.2	6.3	6.9	7.1	7.2	7.6	7.9	8.0	7.8	8.1	8.2
40.0	4.2	4.3		4.8	5.0		5.7	5.9	6.0	6.4	6.7	6.8	6.6	6.8	7.0
42.0	3.2			3.8	3.9		4.6	4.8	4.8	5.3	5.6	5.6	5.5	5.7	5.8
44.0				2.8	2.9		3.6	3.8		4.4	4.6	4.6	4.5	4.7	4.8
46.0							2.8	2.9		3.5	3.7	3.7	3.6	3.8	3.9
48.0							2.0	2.1		2.7	2.8		2.8	3.0	3.0
50.0										2.0	2.1		2.1	2.2	
θ (°)	18 to 84.5	27 to 84.5	43 to 84.5	28 to 84.5	29 to 84.5	42 to 84.5	30 to 84.5	30 to 84.5	42 to 84.5	35 to 84.5	35 to 84.5	42 to 84.5	41 to 84.5	42 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	39.8	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	34.3	29.3	23.9	34.7	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	28.6	28.1	23.3	29.0	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	24.1	26.1	22.8	24.5	26.4	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	20.5	22.3	22.3	20.9	22.6	22.3	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	17.6	19.2	20.4	18.0	19.5	20.8	17.9	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	15.2	16.5	17.6	15.5	16.9	18.0	15.9	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	13.1	14.3	15.3	13.4	14.7	15.6	13.8	13.9	12.5	13.7	12.0	11.0	13.1	11.6	10.6
32.0	11.4	12.4	13.2	11.7	12.8	13.6	12.1	13.2	12.2	12.5	11.6	10.6	12.1	11.1	10.3
34.0	9.6	10.8	11.5	10.0	11.1	11.9	10.5	11.5	11.9	11.0	11.1	10.3	10.9	10.5	9.9
36.0	8.1	9.2	9.9	8.5	9.6	10.3	9.0	10.1	10.8	9.5	10.6	10.0	9.4	9.8	9.5
38.0	6.8	7.7	8.4	7.1	8.2	8.9	7.6	8.7	9.4	8.2	9.3	9.7	8.1	9.2	8.9
40.0	5.6	6.4	6.9	5.9	6.9	7.5	6.4	7.4	8.1	7.0	8.0	8.7	6.9	7.9	8.4
42.0	4.5	5.3	5.6	4.9	5.7	6.2	5.3	6.2	6.8	5.9	6.8	7.4	5.8	6.7	7.4
44.0	3.6	4.2		3.9	4.6	5.1	4.4	5.2	5.7	4.9	5.7	6.3	4.8	5.7	6.3
46.0	2.7	3.2		3.0	3.7	4.0	3.5	4.2	4.7	4.0	4.8	5.3	3.9	4.7	5.3
48.0					2.8		2.7	3.4	3.7	3.2	3.9	4.4	3.1	3.9	4.4
50.0							2.0	2.6	2.8	2.5	3.1	3.5	2.4	3.1	3.5
54.0											1.7	2.0		1.7	2.0
θ (°)	29 to 83	33 to 84.5	44 to 84.5	38 to 83	38 to 84.5	44 to 84.5	38 to 83	42 to 84.5	43 to 84.5	44 to 83	42 to 84.5	43 to 84.5	48 to 83	46 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.9	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	25.0	18.3	14.0	25.0	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	21.3	17.5	13.6	21.4	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	18.4	16.7	13.3	18.5	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	15.9	16.1	12.9	16.0	16.6	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	13.8	15.4	12.7	13.9	15.8	12.9	13.8	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	12.1	13.7	12.4	12.1	13.8	12.6	12.6	10.9	9.6	11.3	9.6	8.6	10.6	9.3	8.3
34.0	10.5	12.0	12.2	10.6	12.1	12.4	11.0	10.5	9.3	10.8	9.2	8.3	9.8	8.9	8.0
36.0	9.0	10.5	11.6	9.1	10.6	11.8	9.5	10.1	9.1	9.8	8.8	8.0	9.1	8.4	7.6
38.0	7.6	9.2	10.1	7.7	9.3	10.3	8.2	9.7	8.8	8.5	8.5	7.8	8.3	7.8	7.3
40.0	6.4	7.8	8.8	6.5	8.0	9.0	7.0	8.5	8.6	7.3	8.2	7.5	7.1	7.3	7.0
42.0	5.3	6.6	7.5	5.4	6.8	7.8	5.9	7.3	8.3	6.2	7.6	7.3	6.0	6.9	6.7
44.0	4.4	5.5	6.2	4.4	5.7	6.5	4.9	6.2	7.1	5.2	6.5	7.1	5.0	6.4	6.3
46.0	3.5	4.5	5.1	3.6	4.7	5.4	4.0	5.2	6.0	4.3	5.5	6.4	4.1	5.4	5.9
48.0	2.7	3.6	4.0	2.8	3.8	4.4	3.2	4.3	5.0	3.5	4.6	5.4	3.3	4.5	5.4
50.0		2.7		2.1	3.0	3.5	2.5	3.5	4.1	2.8	3.8	4.5	2.6	3.7	4.5
54.0					1.5			2.0	2.4	1.5	2.4	2.9		2.2	2.9
58.0												1.5			
θ (°)	36 to 83	38 to 84.5	44 to 84.5	39 to 83	38 to 84.5	48 to 84.5	45 to 83	44 to 84.5	47 to 84.5	45 to 83	49 to 84.5	47 to 84.5	52 to 83	53 to 84.5	56 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	20.1	12.9		20.1	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	18.6	12.3	9.3	19.0	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	16.5	11.7	9.0	16.5	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	14.4	11.2	8.7	14.4	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	12.6	10.7	8.5	12.6	11.2	8.6	11.4	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	11.1	10.3	8.3	11.1	10.7	8.4	10.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	9.6	9.9	8.1	9.6	10.3	8.2	9.9	8.4	7.3	8.9	7.5	6.6	6.6	6.8	5.9
38.0	8.3	9.6	7.9	8.3	10.0	8.1	8.5	8.1	7.1	8.5	7.2	6.4	6.1	6.5	5.7
40.0	7.1	9.0	7.7	7.1	9.0	7.9	7.3	7.8	6.9	7.5	6.9	6.2	5.8	6.1	5.4
42.0	6.0	7.7	7.6	6.0	7.8	7.7	6.2	7.6	6.7	6.4	6.7	6.0	5.4	5.8	5.1
44.0	5.0	6.6	7.5	5.0	6.7	7.6	5.2	6.9	6.6	5.4	6.4	5.8	5.0	5.5	4.9
46.0	4.1	5.6	6.7	4.1	5.7	6.9	4.3	5.9	6.4	4.5	6.1	5.6	4.3	5.1	4.7
48.0	3.3	4.6	5.6	3.3	4.7	5.8	3.5	5.0	6.1	3.7	5.2	5.5	3.5	4.8	4.5
50.0	2.6	3.8	4.6	2.6	3.9	4.8	2.8	4.2	5.2	3.0	4.4	5.3	2.7	4.2	4.3
54.0		2.2	2.7		2.4	3.1		2.7	3.5		2.9	3.8		2.7	3.7
58.0						1.5			2.0			2.3			
θ (°)	40 to 83	41 to 84.5	45 to 84.5	46 to 83	48 to 84.5	45 to 84.5	50 to 83	52 to 84.5	51 to 84.5	53 to 83	56 to 84.5	56 to 84.5	56 to 83	59 to 84.5	63 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.1	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		14.1	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	12.2	8.3	6.2	12.9	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	11.4	7.9	6.0	11.3	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	10.0	7.6	5.9	9.9	7.9	6.0	9.0	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	8.6	7.2	5.7	8.5	7.5	5.8	8.6	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	7.4	6.9	5.5	7.3	7.2	5.6	7.4	6.6	5.7	7.3	6.1	5.4	3.2	4.9	4.2
42.0	6.3	6.7	5.4	6.2	7.0	5.5	6.4	6.4	5.6	6.7	5.8	5.2	2.9	4.6	4.0
44.0	5.3	6.4	5.3	5.2	6.7	5.4	5.4	6.2	5.4	5.8	5.6	5.0	2.6	4.3	3.8
46.0	4.4	6.2	5.1	4.4	6.3	5.2	4.5	6.0	5.2	4.9	5.4	4.8	2.3	4.1	3.6
48.0	3.6	5.4	5.0	3.5	5.4	5.1	3.7	5.6	5.1	4.0	5.2	4.6	2.1	3.9	3.4
50.0	2.9	4.5	5.0	2.8	4.5	5.0	2.9	4.7	5.0	3.3	5.0	4.4	1.8	3.6	3.3
54.0	1.6	2.9	4.0		3.0	4.1		3.2	4.4		3.6	4.0		3.2	3.0
58.0		1.6	2.3		1.6	2.5			2.8			3.3			2.7
θ (°)	41 to 83	44 to 84.5	49 to 84.5	50 to 83	50 to 84.5	55 to 84.5	54 to 83	58 to 84.5	59 to 84.5	57 to 83	61 to 84.5	63 to 84.5	59 to 83	63 to 84.5	65 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.3	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	9.7	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	8.4	5.8	4.3	8.9	6.0	4.4	7.9	6.2		5.0	5.6		1.6	4.4	
40.0	7.8	5.5	4.2	7.7	5.7	4.2	7.5	6.0	4.5	4.8	5.4			4.1	
42.0	6.8	5.3	4.0	6.6	5.5	4.1	6.9	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	5.8	5.0	3.9	5.6	5.3	4.0	5.9	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	4.9	4.8	3.8	4.7	5.0	3.9	5.0	5.3	4.1	4.1	4.6	4.0		3.4	2.9
48.0	4.1	4.6	3.7	3.9	4.8	3.7	4.2	5.1	4.0	3.9	4.3	3.8		3.2	2.7
50.0	3.3	4.4	3.6	3.2	4.7	3.7	3.5	4.9	3.9	3.5	4.1	3.6		3.0	2.6
54.0	2.0	3.7	3.4		3.7	3.5		4.0	3.7		3.7	3.2		2.6	2.3
58.0		2.4	3.3		2.3	3.3		2.7	3.6		2.8	2.9			2.0
62.0			2.1			2.2			2.6			2.6			
θ (°)	47 to 83	52 to 84.5	53 to 84.5	54 to 83	56 to 84.5	58 to 84.5	57 to 83	59 to 84.5	62 to 84.5	60 to 83	62 to 84.5	65 to 84.5	70 to 83	67 to 84.5	70 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	55.5	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	42.6	43.7	44.5	43.1	44.2	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	33.8	34.7	35.4	34.3	35.2	35.8	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	27.5	28.2	28.7	27.9	28.7	29.2	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	22.6	23.3	23.7	23.1	23.7	24.2	23.9	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	18.8	19.4	19.7	19.3	19.8	20.2	20.0	20.6	20.9	20.2	19.1	18.4	19.4	18.3	17.6
24.0	15.8	16.2	16.5	16.2	16.7	17.0	17.0	17.4	17.7	17.6	18.1	17.6	17.8	17.5	16.9
26.0	13.3	13.7	13.9	13.7	14.1	14.4	14.4	14.8	15.1	15.1	15.5	15.7	15.2	15.6	15.9
28.0	11.0	11.5	11.7	11.6	12.0	12.2	12.3	12.7	12.9	12.9	13.3	13.5	13.1	13.5	13.7
30.0	9.0	9.4	9.5	9.6	10.0	10.2	10.4	10.8	11.0	11.1	11.5	11.7	11.3	11.6	11.8
32.0	7.2	7.5	7.7	7.8	8.1	8.3	8.7	9.0	9.2	9.4	9.8	10.0	9.6	10.0	10.2
34.0	5.7	6.0	6.0	6.3	6.6	6.7	7.1	7.5	7.6	7.9	8.2	8.4	8.1	8.4	8.6
36.0	4.4	4.6		4.9	5.2	5.3	5.8	6.1	6.2	6.6	6.8	7.0	6.7	7.0	7.2
38.0	3.2	3.3		3.8	4.0	4.0	4.6	4.9	5.0	5.4	5.6	5.8	5.5	5.8	5.9
40.0				2.7	2.9		3.6	3.8	3.8	4.3	4.5	4.6	4.4	4.7	4.8
42.0							2.6	2.8	2.8	3.3	3.5	3.6	3.5	3.7	3.8
44.0							1.8	1.9		2.5	2.7	2.7	2.6	2.8	2.9
46.0										1.7	1.9	1.9	1.8	2.0	2.1
θ (°)	32 to 84.5	33 to 84.5	43 to 84.5	37 to 84.5	38 to 84.5	42 to 84.5	38 to 84.5	38 to 84.5	42 to 84.5	41 to 84.5	42 to 84.5	42 to 84.5	46 to 84.5	47 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	34.8	30.6	24.5	35.2	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	28.5	29.3	23.9	28.8	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	23.6	25.8	23.3	24.0	26.2	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	19.8	21.8	22.8	20.2	22.1	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	16.8	18.5	19.8	17.1	18.8	20.2	17.5	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	14.3	15.8	17.0	14.6	16.1	17.3	15.0	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	12.2	13.5	14.5	12.5	13.8	14.9	12.9	14.2	12.9	13.3	12.6	11.4	13.2	12.1	11.0
30.0	10.3	11.6	12.5	10.6	11.9	12.8	11.1	12.3	12.5	11.5	12.0	11.0	11.4	11.6	10.6
32.0	8.5	9.9	10.7	8.9	10.2	11.1	9.4	10.6	11.5	9.9	11.1	10.6	9.8	11.0	10.3
34.0	7.0	8.2	9.1	7.4	8.6	9.5	7.8	9.1	9.9	8.4	9.6	10.3	8.3	9.6	9.9
36.0	5.7	6.7	7.5	6.0	7.2	8.0	6.5	7.7	8.5	7.1	8.2	9.0	6.9	8.1	9.0
38.0	4.5	5.4	6.1	4.8	5.9	6.6	5.3	6.4	7.1	5.9	6.9	7.7	5.8	6.9	7.7
40.0	3.4	4.3	4.8	3.8	4.7	5.3	4.3	5.2	5.9	4.8	5.8	6.5	4.7	5.7	6.5
42.0	2.5	3.2	3.6	2.8	3.7	4.2	3.3	4.2	4.8	3.9	4.7	5.4	3.7	4.7	5.4
44.0					2.7	3.1	2.5	3.3	3.8	3.0	3.8	4.4	2.9	3.8	4.4
46.0							1.7	2.4	2.8	2.2	3.0	3.4		2.9	3.4
48.0								1.6	2.0		2.2	2.6		2.1	2.6
50.0												1.8			
θ (°)	37 to 83	42 to 84.5	44 to 84.5	44 to 83	45 to 84.5	47 to 84.5	44 to 83	45 to 84.5	46 to 84.5	48 to 83	50 to 84.5	49 to 84.5	54 to 83	53 to 84.5	55 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

PS + Hydraulic Tilt Jib

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.3	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	24.5	19.2		24.5	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	20.6	18.3	14.0	20.7	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	17.5	17.5	13.6	17.6	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	15.0	16.7	13.3	15.1	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	12.9	14.9	12.9	12.9	15.0	13.1	13.4	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	11.1	12.9	12.7	11.1	13.0	12.9	11.6	11.3	9.9	11.8	10.0	8.9	11.1	9.7	8.6
32.0	9.4	11.1	12.4	9.4	11.2	12.6	9.9	10.9	9.6	10.2	9.6	8.6	10.0	9.3	8.3
34.0	7.8	9.6	10.8	7.9	9.7	11.0	8.4	10.1	9.3	8.7	9.2	8.3	8.5	8.9	8.0
36.0	6.5	8.2	9.4	6.6	8.3	9.5	7.1	8.8	9.1	7.3	8.8	8.0	7.2	8.4	7.6
38.0	5.3	6.8	8.0	5.4	7.0	8.2	5.9	7.5	8.7	6.1	7.8	7.8	6.0	7.6	7.3
40.0	4.2	5.6	6.6	4.3	5.8	6.9	4.8	6.3	7.4	5.1	6.6	7.5	4.9	6.5	7.0
42.0	3.3	4.5	5.4	3.4	4.7	5.7	3.8	5.2	6.2	4.1	5.5	6.6	3.9	5.4	6.5
44.0	2.4	3.5	4.3	2.5	3.7	4.6	3.0	4.2	5.2	3.3	4.5	5.5	3.1	4.4	5.4
46.0		2.6	3.2	1.7	2.8	3.6	2.2	3.4	4.2	2.5	3.7	4.5		3.6	4.5
48.0					2.0	2.7		2.5	3.3		2.9	3.6		2.8	3.6
50.0						1.8		1.8	2.4		2.1	2.8			2.8
θ (°)	42 to 83	45 to 84.5	48 to 84.5	45 to 83	48 to 84.5	48 to 84.5	49 to 83	50 to 84.5	53 to 84.5	53 to 83	54 to 84.5	57 to 84.5	58 to 83	59 to 84.5	60 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.3	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	18.2	12.9		18.2	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	15.6	12.3	9.3	15.6	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	13.5	11.7	9.0	13.5	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	11.6	11.2	8.7	11.6	11.6	8.9	11.8	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	10.0	10.7	8.5	10.0	11.2	8.6	10.2	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	8.5	10.3	8.3	8.5	10.7	8.4	8.7	8.7	7.6	8.9	7.8	6.9	7.0	7.3	6.2
36.0	7.1	9.3	8.1	7.1	9.3	8.2	7.4	8.4	7.3	7.5	7.5	6.6	6.6	6.8	5.9
38.0	5.9	8.0	7.9	5.9	8.1	8.1	6.2	8.1	7.1	6.3	7.2	6.4	6.1	6.5	5.7
40.0	4.9	6.8	7.7	4.9	6.8	7.9	5.1	7.1	6.9	5.3	6.9	6.2	5.1	6.1	5.4
42.0	3.9	5.7	7.0	3.9	5.7	7.2	4.1	6.0	6.7	4.3	6.2	6.0	4.1	5.8	5.1
44.0	3.0	4.6	5.9	3.0	4.7	6.0	3.3	5.0	6.3	3.4	5.2	5.8	3.2	5.0	4.9
46.0	2.3	3.7	4.8	2.3	3.8	5.0	2.5	4.1	5.3	2.7	4.3	5.5		4.1	4.7
48.0	1.5	2.9	3.8		3.0	4.0		3.2	4.4		3.4	4.6		3.3	4.5
50.0		2.1	2.9		2.2	3.1		2.5	3.5		2.7	3.8			3.7
θ (°)	43 to 83	47 to 84.5	52 to 84.5	50 to 83	53 to 84.5	57 to 84.5	54 to 83	56 to 84.5	61 to 84.5	57 to 83	60 to 84.5	64 to 84.5	61 to 83	64 to 84.5	66 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	13.8	9.1		13.7	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	11.9	8.7		11.9	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	10.4	8.3	6.2	10.3	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	8.8	7.9	6.0	8.7	8.2	6.1	8.9	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	7.5	7.6	5.9	7.4	7.9	6.0	7.5	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	6.3	7.2	5.7	6.2	7.5	5.8	6.3	6.9	5.9	6.7	6.4	5.6	3.5	5.2	4.4
40.0	5.2	6.9	5.5	5.1	7.2	5.6	5.2	6.6	5.7	5.6	6.1	5.4	3.2	4.9	4.2
42.0	4.2	6.4	5.4	4.1	6.4	5.5	4.3	6.4	5.6	4.7	5.8	5.2	2.9	4.6	4.0
44.0	3.4	5.4	5.3	3.3	5.4	5.4	3.4	5.5	5.4	3.8	5.6	5.0		4.3	3.8
46.0	2.6	4.5	5.1	2.5	4.5	5.2		4.6	5.2		5.0	4.8		4.1	3.6
48.0	1.9	3.6	5.0		3.6	5.1		3.8	5.1		4.2	4.6		3.9	3.4
50.0		2.8	4.1		2.8	4.2		3.0	4.4		3.4	4.4			3.3
54.0			2.4			2.6			2.8			3.3			
θ (°)	48 to 83	55 to 84.5	55 to 84.5	54 to 83	58 to 84.5	60 to 84.5	59 to 83	61 to 84.5	63 to 84.5	62 to 83	64 to 84.5	66 to 84.5	65 to 83	68 to 84.5	72 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 58t, outrigger extension width 6.8m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		10.6	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.3	6.4		9.1	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	7.9	6.1	4.5	7.7	6.3		8.1	6.5		5.2	5.9		1.9	4.7	
38.0	6.7	5.8	4.3	6.5	6.0	4.4	6.9	6.2		5.0	5.6		1.6	4.4	
40.0	5.6	5.5	4.2	5.5	5.7	4.2	5.8	6.0	4.5	4.8	5.4			4.1	
42.0	4.7	5.3	4.0	4.5	5.5	4.1	4.8	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	3.8	5.0	3.9	3.6	5.3	4.0	4.0	5.5	4.3	4.0	4.9	4.2		3.6	3.1
46.0	3.0	4.8	3.8	2.8	5.0	3.9	3.2	5.3	4.1		4.6	4.0		3.4	2.9
48.0	2.3	4.4	3.7		4.3	3.7		4.7	4.0		4.3	3.8		3.2	2.7
50.0		3.6	3.6		3.5	3.7		3.9	3.9		4.0	3.6		3.0	2.6
54.0		2.2	3.4			3.5			3.7			3.2			2.3
θ (°)	53 to 83	56 to 84.5	63 to 84.5	58 to 83	63 to 84.5	66 to 84.5	60 to 83	66 to 84.5	69 to 84.5	64 to 83	68 to 84.5	72 to 84.5	70 to 83	70 to 84.5	73 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

PS + Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	47.2	48.4	49.2	47.3	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	37.5	38.5	39.1	38.0	38.9	39.6	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	30.5	31.3	31.8	31.0	31.7	32.3	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	25.0	25.7	26.1	25.5	26.1	26.6	26.1	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	20.7	21.3	21.7	21.2	21.8	22.2	22.0	22.6	22.1	20.2	19.1	18.4	19.4	18.3	17.6
24.0	17.4	17.8	18.1	17.8	18.3	18.6	18.6	19.1	19.4	19.3	18.2	17.6	18.5	17.5	16.9
26.0	14.6	15.0	15.3	15.1	15.5	15.8	15.8	16.2	16.5	16.5	16.9	16.9	16.6	16.8	16.2
28.0	12.3	12.7	12.8	12.8	13.1	13.4	13.5	13.9	14.1	14.2	14.5	14.8	14.3	14.7	14.9
30.0	10.2	10.6	10.7	10.8	11.1	11.3	11.6	11.9	12.1	12.2	12.5	12.7	12.3	12.7	12.9
32.0	8.3	8.6	8.7	8.9	9.2	9.4	9.8	10.1	10.3	10.5	10.8	11.0	10.7	11.0	11.2
34.0	6.6	6.9	7.0	7.2	7.5	7.7	8.1	8.5	8.6	8.9	9.2	9.4	9.1	9.4	9.6
36.0	5.2	5.4		5.8	6.1	6.2	6.7	7.0	7.1	7.5	7.8	7.9	7.6	7.9	8.1
38.0	4.0	4.1		4.5	4.8	4.8	5.4	5.7	5.8	6.2	6.4	6.6	6.3	6.6	6.8
40.0	2.8	2.9		3.4	3.6		4.3	4.5	4.6	5.0	5.3	5.4	5.2	5.4	5.6
42.0				2.4	2.6		3.3	3.5	3.5	4.0	4.2	4.3	4.2	4.4	4.5
44.0							2.4	2.5		3.1	3.3	3.4	3.2	3.4	3.5
46.0							1.6	1.7		2.3	2.4	2.5	2.4	2.6	2.7
48.0										1.5	1.7		1.7	1.8	1.9
θ (°)	26 to 84.5	27 to 84.5	43 to 84.5	33 to 84.5	34 to 84.5	42 to 84.5	34 to 84.5	35 to 84.5	42 to 84.5	38 to 84.5	39 to 84.5	42 to 84.5	44 to 84.5	44 to 84.5	45 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	38.6	30.6	24.5	36.6	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	31.6	29.3	23.9	31.9	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	26.1	28.1	23.3	26.5	27.4	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	21.8	23.8	22.8	22.2	24.2	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	18.4	20.2	21.6	18.8	20.6	22.0	18.8	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	15.7	17.2	18.5	16.0	17.6	18.8	16.4	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	13.4	14.8	15.8	13.7	15.1	16.2	14.1	14.4	12.9	14.4	12.6	11.4	13.9	12.1	11.0
30.0	11.4	12.7	13.6	11.8	13.0	14.0	12.2	13.4	12.5	12.6	12.0	11.0	12.5	11.6	10.6
32.0	9.6	10.9	11.7	10.0	11.2	12.1	10.5	11.6	12.2	11.0	11.6	10.6	10.9	11.1	10.3
34.0	8.0	9.2	10.0	8.4	9.7	10.4	8.9	10.1	10.8	9.4	10.5	10.3	9.3	10.5	9.9
36.0	6.6	7.7	8.4	6.9	8.1	8.9	7.4	8.6	9.4	8.0	9.2	9.9	7.9	9.1	9.5
38.0	5.3	6.3	6.9	5.7	6.7	7.4	6.2	7.2	8.0	6.7	7.8	8.6	6.6	7.7	8.6
40.0	4.2	5.1	5.6	4.5	5.5	6.1	5.0	6.0	6.7	5.6	6.6	7.3	5.5	6.5	7.3
42.0	3.2	3.9	4.3	3.5	4.4	4.9	4.0	4.9	5.5	4.6	5.5	6.1	4.5	5.4	6.1
44.0		2.9		2.6	3.4	3.8	3.1	3.9	4.4	3.7	4.5	5.1	3.5	4.4	5.0
46.0					2.5	2.8	2.3	3.0	3.5	2.8	3.6	4.1	2.7	3.5	4.1
48.0							1.6	2.2	2.6	2.1	2.8	3.2		2.7	3.2
50.0								1.5	1.7		2.0	2.4		2.0	2.4
θ (°)	37 to 83	38 to 84.5	44 to 84.5	41 to 83	42 to 84.5	44 to 84.5	41 to 83	42 to 84.5	43 to 84.5	46 to 83	47 to 84.5	49 to 84.5	52 to 83	51 to 84.5	53 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	27.0	19.2		26.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	22.7	18.3	14.0	22.8	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	19.3	17.5	13.6	19.3	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	16.5	16.7	13.3	16.5	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	14.1	16.1	12.9	14.2	16.3	13.1	14.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	12.2	14.0	12.7	12.2	14.1	12.9	12.7	11.3	9.9	11.9	10.0	8.9	11.1	9.7	8.6
32.0	10.5	12.2	12.4	10.6	12.3	12.6	11.0	10.9	9.6	11.2	9.6	8.6	10.6	9.3	8.3
34.0	8.9	10.6	11.8	9.0	10.7	11.9	9.5	10.5	9.3	9.7	9.2	8.3	9.6	8.9	8.0
36.0	7.4	9.1	10.2	7.5	9.3	10.4	8.0	9.7	9.1	8.3	8.8	8.0	8.1	8.4	7.6
38.0	6.2	7.7	8.8	6.2	7.9	9.0	6.7	8.4	8.8	7.0	8.5	7.8	6.8	7.8	7.3
40.0	5.0	6.4	7.5	5.1	6.6	7.7	5.6	7.1	8.2	5.9	7.4	7.5	5.7	7.3	7.0
42.0	4.0	5.3	6.2	4.1	5.5	6.5	4.6	6.0	7.0	4.9	6.3	7.3	4.7	6.2	6.7
44.0	3.1	4.2	5.0	3.2	4.4	5.3	3.7	4.9	5.9	3.9	5.3	6.2	3.8	5.1	6.2
46.0		3.3	3.9	2.4	3.5	4.3	2.8	4.0	4.8	3.1	4.3	5.2	2.9	4.2	5.2
48.0		2.4	2.9	1.6	2.6	3.3	2.1	3.2	3.9	2.4	3.5	4.3		3.4	4.2
50.0					1.9	2.4		2.4	3.0		2.7	3.4		2.6	3.4
θ (°)	42 to 83	42 to 84.5	44 to 84.5	42 to 83	45 to 84.5	48 to 84.5	47 to 83	50 to 84.5	53 to 84.5	51 to 83	54 to 84.5	57 to 84.5	56 to 83	57 to 84.5	60 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	19.9	12.9		19.9	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	17.1	12.3	9.3	17.1	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	14.8	11.7	9.0	14.8	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	12.8	11.2	8.7	12.8	11.6	8.9	12.0	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	11.1	10.7	8.5	11.1	11.2	8.6	11.3	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	9.6	10.3	8.3	9.6	10.7	8.4	9.8	8.7	7.6	9.4	7.8	6.9	7.0	7.3	6.2
36.0	8.1	9.9	8.1	8.1	10.2	8.2	8.3	8.4	7.3	8.5	7.5	6.6	6.6	6.8	5.9
38.0	6.8	8.9	7.9	6.8	8.9	8.1	7.0	8.1	7.1	7.2	7.2	6.4	6.1	6.5	5.7
40.0	5.7	7.6	7.7	5.7	7.7	7.9	5.9	7.8	6.9	6.1	6.9	6.2	5.8	6.1	5.4
42.0	4.7	6.4	7.6	4.7	6.5	7.7	4.9	6.7	6.7	5.1	6.7	6.0	4.9	5.8	5.1
44.0	3.7	5.4	6.6	3.7	5.4	6.8	4.0	5.7	6.6	4.2	5.9	5.8	3.9	5.5	4.9
46.0	2.9	4.4	5.5	2.9	4.5	5.7	3.1	4.7	6.0	3.3	5.0	5.6	3.1	4.8	4.7
48.0	2.2	3.5	4.5	2.2	3.6	4.7	2.4	3.9	5.0	2.6	4.1	5.3		3.9	4.5
50.0	1.5	2.7	3.5		2.8	3.7		3.1	4.1		3.3	4.4		3.1	4.3
54.0			1.7			2.1			2.5			2.8			
θ (°)	40 to 83	47 to 84.5	45 to 84.5	48 to 83	53 to 84.5	52 to 84.5	52 to 83	56 to 84.5	56 to 84.5	55 to 83	60 to 84.5	60 to 84.5	59 to 83	62 to 84.5	66 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	14.1	9.1		15.0	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	13.1	8.7		13.0	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	11.4	8.3	6.2	11.3	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	9.9	7.9	6.0	9.8	8.2	6.1	9.5	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	8.5	7.6	5.9	8.4	7.9	6.0	8.5	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	7.2	7.2	5.7	7.1	7.5	5.8	7.2	6.9	5.9	7.5	6.4	5.6	3.5	5.2	4.4
40.0	6.1	6.9	5.5	6.0	7.2	5.6	6.1	6.6	5.7	6.5	6.1	5.4	3.2	4.9	4.2
42.0	5.0	6.7	5.4	4.9	7.0	5.5	5.1	6.4	5.6	5.5	5.8	5.2	2.9	4.6	4.0
44.0	4.1	6.2	5.3	4.0	6.1	5.4	4.1	6.2	5.4	4.5	5.6	5.0	2.6	4.3	3.8
46.0	3.3	5.2	5.1	3.2	5.2	5.2	3.3	5.3	5.2	3.7	5.4	4.8	2.3	4.1	3.6
48.0	2.5	4.3	5.0	2.4	4.3	5.1		4.4	5.1	2.9	4.8	4.6		3.9	3.4
50.0	1.8	3.4	4.7		3.4	4.8		3.6	5.0		4.0	4.4		3.6	3.3
54.0		1.9	3.0			3.1			3.4			3.8			3.0
θ (°)	46 to 83	50 to 84.5	55 to 84.5	52 to 83	58 to 84.5	60 to 84.5	57 to 83	61 to 84.5	63 to 84.5	59 to 83	64 to 84.5	66 to 84.5	62 to 83	66 to 84.5	68 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.0m + 35.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	14.1														
16.0	14.1			12.2											
18.0	14.1			12.2			8.8								
20.0	14.1			12.2			8.8			6.1			4.4		
22.0	14.1			12.2			8.8			6.1			4.2		
24.0	13.9			12.2			8.8			6.1			3.8		
26.0	13.0	7.9		12.2			8.8			6.0			3.5		
28.0	12.0	7.5		12.2	7.7		8.8			5.8			3.2		
30.0	11.1	7.1		11.8	7.3		8.8	7.4		5.7			2.9		
32.0	10.3	6.7		11.1	6.9		8.8	7.1		5.5	6.5		2.6	5.4	
34.0	9.6	6.4		10.2	6.6		8.8	6.8		5.3	6.2		2.2	5.0	
36.0	8.9	6.1	4.5	8.8	6.3		8.3	6.5		5.2	5.9		1.9	4.7	
38.0	7.6	5.8	4.3	7.5	6.0	4.4	7.8	6.2		5.0	5.6		1.6	4.4	
40.0	6.5	5.5	4.2	6.3	5.7	4.2	6.7	6.0	4.5	4.8	5.4			4.1	
42.0	5.5	5.3	4.0	5.3	5.5	4.1	5.6	5.7	4.4	4.6	5.1	4.4		3.9	3.3
44.0	4.5	5.0	3.9	4.4	5.3	4.0	4.7	5.5	4.3	4.3	4.9	4.2		3.6	3.1
46.0	3.7	4.8	3.8	3.5	5.0	3.9	3.9	5.3	4.1	3.9	4.6	4.0		3.4	2.9
48.0	2.9	4.6	3.7	2.8	4.8	3.7	3.1	5.1	4.0		4.3	3.8		3.2	2.7
50.0	2.2	4.2	3.6		4.2	3.7		4.5	3.9		4.1	3.6		3.0	2.6
54.0		2.7	3.4		2.7	3.5		3.0	3.7		3.1	3.2			2.3
58.0			2.6			2.7			3.1			2.9			
θ (°)	51 to 83	56 to 84.5	58 to 84.5	56 to 83	60 to 84.5	62 to 84.5	59 to 83	63 to 84.5	66 to 84.5	63 to 83	65 to 84.5	69 to 84.5	70 to 83	70 to 84.5	73 to 84.5
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	58.6	57.7	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	58.6	56.5	51.9	49.5	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	44.5	45.6	46.5	45.0	44.4	42.5	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	34.9	35.9	36.6	35.4	36.4	37.1	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	28.1	28.9	29.5	28.6	29.4	30.0	27.4	25.2	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	23.0	23.7	24.1	23.5	24.2	24.6	24.3	24.1	22.9	21.3	20.0	19.2	20.4	19.2	18.4
22.0	19.1	19.6	20.0	19.5	20.1	20.5	20.3	20.9	21.3	20.2	19.1	18.4	19.4	18.3	17.6
24.0	15.9	16.4	16.7	16.4	16.8	17.2	17.1	17.6	17.9	17.8	18.2	17.6	18.0	17.5	16.9
26.0	13.3	13.7	14.0	13.8	14.2	14.4	14.5	14.9	15.2	15.2	15.6	15.9	15.3	15.7	16.0
28.0	11.1	11.5	11.7	11.6	12.0	12.2	12.3	12.7	12.9	13.0	13.3	13.6	13.1	13.5	13.8
30.0	9.0	9.4	9.5	9.6	10.0	10.2	10.5	10.8	11.0	11.1	11.5	11.7	11.3	11.6	11.8
32.0	7.2	7.5	7.6	7.8	8.1	8.3	8.7	9.0	9.2	9.4	9.8	10.0	9.6	10.0	10.2
34.0	5.6	5.9	6.0	6.2	6.5	6.7	7.1	7.4	7.6	7.9	8.2	8.4	8.0	8.4	8.6
36.0	4.3	4.5		4.9	5.1	5.2	5.7	6.0	6.2	6.5	6.8	7.0	6.6	7.0	7.1
38.0	3.1	3.2		3.7	3.9	3.9	4.5	4.8	4.9	5.3	5.6	5.7	5.4	5.7	5.9
40.0				2.6	2.8		3.5	3.7	3.8	4.2	4.4	4.6	4.3	4.6	4.7
42.0							2.5	2.7	2.7	3.2	3.5	3.5	3.4	3.6	3.7
44.0							1.7	1.8		2.4	2.6	2.6	2.5	2.7	2.8
46.0										1.6	1.8	1.8	1.7	1.9	2.0
θ (°)	32 to 84.5	33 to 84.5	43 to 84.5	37 to 84.5	38 to 84.5	42 to 84.5	38 to 84.5	38 to 84.5	42 to 84.5	41 to 84.5	42 to 84.5	42 to 84.5	46 to 84.5	47 to 84.5	48 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	42.2	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	36.0	30.6	24.5	36.5	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	29.2	29.3	23.9	29.6	28.4	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	24.1	26.4	23.3	24.5	26.8	23.5	21.1	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	20.1	22.1	22.8	20.5	22.5	22.8	19.9	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	17.0	18.7	20.1	17.3	19.1	20.5	17.7	15.7	13.8	16.1	13.7	12.4	15.4	13.2	11.9
26.0	14.4	15.9	17.1	14.7	16.2	17.5	15.1	15.0	13.4	15.2	13.1	11.9	14.6	12.6	11.4
28.0	12.2	13.6	14.6	12.5	13.9	15.0	12.9	14.3	12.9	13.4	12.6	11.4	13.3	12.1	11.0
30.0	10.3	11.6	12.5	10.7	11.9	12.9	11.1	12.3	12.5	11.6	12.0	11.0	11.5	11.6	10.6
32.0	8.5	9.9	10.7	8.9	10.2	11.1	9.4	10.6	11.5	10.0	11.1	10.6	9.8	11.0	10.3
34.0	7.0	8.2	9.1	7.3	8.6	9.5	7.8	9.1	9.9	8.4	9.6	10.3	8.3	9.5	9.9
36.0	5.6	6.7	7.5	6.0	7.1	8.0	6.5	7.6	8.5	7.0	8.2	9.0	6.9	8.1	9.0
38.0	4.4	5.4	6.0	4.8	5.8	6.5	5.3	6.3	7.1	5.8	6.9	7.7	5.7	6.8	7.7
40.0	3.4	4.2	4.7	3.7	4.7	5.3	4.2	5.2	5.8	4.7	5.7	6.4	4.6	5.7	6.4
42.0	2.4	3.2	3.5	2.8	3.6	4.1	3.2	4.1	4.7	3.8	4.7	5.3	3.7	4.6	5.3
44.0					2.7	3.1	2.4	3.2	3.7	2.9	3.8	4.3	2.8	3.7	4.3
46.0							1.6	2.3	2.8	2.1	2.9	3.4		2.8	3.4
48.0								1.6	1.9		2.1	2.5			2.5
50.0												1.8			
θ (°)	37 to 83	42 to 84.5	44 to 84.5	44 to 83	45 to 84.5	47 to 84.5	44 to 83	45 to 84.5	46 to 84.5	48 to 83	50 to 84.5	49 to 84.5	54 to 83	55 to 84.5	55 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

PS + Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	31.2	21.3		28.2			21.0			16.9			14.4		
18.0	29.4	20.2		28.1	20.7		19.6	14.9		16.9			14.0		
20.0	25.0	19.2		25.1	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	21.0	18.3	14.0	21.1	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	17.8	17.5	13.6	17.8	18.0	13.8	16.2	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	15.1	16.7	13.3	15.2	17.3	13.5	15.3	12.3	10.6	13.2	10.9	9.6	12.1	10.6	9.3
28.0	12.9	15.0	12.9	13.0	15.1	13.1	13.5	11.8	10.2	12.5	10.4	9.2	11.6	10.1	8.9
30.0	11.1	12.9	12.7	11.2	13.0	12.9	11.6	11.3	9.9	11.8	10.0	8.9	11.1	9.7	8.6
32.0	9.4	11.2	12.4	9.5	11.3	12.6	10.0	10.9	9.6	10.2	9.6	8.6	10.1	9.3	8.3
34.0	7.8	9.6	10.8	7.9	9.7	11.0	8.4	10.2	9.3	8.7	9.2	8.3	8.5	8.9	8.0
36.0	6.5	8.2	9.3	6.6	8.3	9.5	7.0	8.8	9.1	7.3	8.8	8.0	7.1	8.4	7.6
38.0	5.3	6.8	8.0	5.3	7.0	8.2	5.8	7.5	8.6	6.1	7.8	7.8	5.9	7.6	7.3
40.0	4.2	5.6	6.6	4.3	5.8	6.9	4.8	6.3	7.4	5.0	6.6	7.5	4.9	6.4	7.0
42.0	3.2	4.5	5.4	3.3	4.7	5.7	3.8	5.2	6.2	4.1	5.5	6.5	3.9	5.4	6.5
44.0	2.4	3.5	4.2	2.4	3.7	4.6	2.9	4.2	5.1	3.2	4.5	5.5	3.0	4.4	5.4
46.0		2.6	3.2	1.7	2.8	3.5	2.1	3.3	4.1	2.4	3.6	4.5		3.5	4.4
48.0					2.0	2.6		2.5	3.2		2.8	3.6			3.5
50.0						1.7			2.4			2.8			2.7
θ (°)	42 to 83	45 to 84.5	48 to 84.5	45 to 83	48 to 84.5	48 to 84.5	49 to 83	52 to 84.5	53 to 84.5	53 to 83	56 to 84.5	57 to 84.5	58 to 83	61 to 84.5	60 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	23.0	14.4		21.4			16.1			12.7			10.0		
22.0	21.7	13.6		21.1	14.0		15.1	11.3		12.7			9.6		
24.0	18.4	12.9		18.4	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	15.8	12.3	9.3	15.8	12.7		13.3	10.3		11.7	9.4		8.8	9.0	
28.0	13.6	11.7	9.0	13.6	12.1	9.1	12.6	9.9		11.0	8.9		8.3	8.6	
30.0	11.7	11.2	8.7	11.7	11.6	8.9	11.9	9.5	8.1	10.4	8.5	7.4	7.9	8.2	
32.0	10.1	10.7	8.5	10.1	11.2	8.6	10.3	9.1	7.8	9.9	8.1	7.1	7.4	7.7	6.5
34.0	8.5	10.3	8.3	8.5	10.7	8.4	8.7	8.7	7.6	8.9	7.8	6.9	7.0	7.3	6.2
36.0	7.2	9.3	8.1	7.1	9.3	8.2	7.4	8.4	7.3	7.5	7.5	6.6	6.6	6.8	5.9
38.0	5.9	8.0	7.9	5.9	8.1	8.1	6.1	8.1	7.1	6.3	7.2	6.4	6.1	6.5	5.7
40.0	4.8	6.8	7.7	4.8	6.8	7.9	5.1	7.1	6.9	5.2	6.9	6.2	5.0	6.1	5.4
42.0	3.9	5.6	7.0	3.9	5.7	7.2	4.1	5.9	6.7	4.3	6.1	6.0	4.1	5.8	5.1
44.0	3.0	4.6	5.8	3.0	4.7	6.0	3.2	4.9	6.3	3.4	5.1	5.8		5.0	4.9
46.0	2.2	3.7	4.8	2.2	3.8	5.0	2.4	4.0	5.3		4.2	5.5		4.1	4.7
48.0	1.5	2.8	3.8		2.9	4.0		3.2	4.3		3.4	4.6		3.3	4.5
50.0		2.0	2.8		2.1	3.1		2.4	3.4		2.6	3.7			3.6
θ (°)	43 to 83	47 to 84.5	52 to 84.5	50 to 83	53 to 84.5	57 to 84.5	54 to 83	56 to 84.5	61 to 84.5	59 to 83	60 to 84.5	64 to 84.5	62 to 83	64 to 84.5	66 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 2.0m + 29.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14.0	18.7			16.1											
16.0	18.7			16.1			12.4								
18.0	18.7			16.1			12.4			8.7			7.0		
20.0	18.7			16.1			12.4			8.7			6.7		
22.0	17.8			16.1			12.4			8.7			6.3		
24.0	16.5	10.2		16.1	10.5		12.4			8.7			6.0		
26.0	15.2	9.6		15.7	9.9		11.8	8.9		8.6			5.6		
28.0	13.9	9.1		13.8	9.4		11.1	8.5		8.4	8.0		5.3		
30.0	12.0	8.7		11.9	9.0		10.5	8.1		8.3	7.6		4.9	6.7	
32.0	10.4	8.3	6.2	10.3	8.6	6.3	10.0	7.8		8.1	7.3		4.6	6.3	
34.0	8.9	7.9	6.0	8.8	8.2	6.1	8.9	7.5	6.2	7.9	6.9		4.2	5.9	
36.0	7.5	7.6	5.9	7.4	7.9	6.0	7.5	7.2	6.0	7.7	6.6	5.8	3.9	5.5	
38.0	6.3	7.2	5.7	6.2	7.5	5.8	6.3	6.9	5.9	6.7	6.4	5.6	3.5	5.2	4.4
40.0	5.2	6.9	5.5	5.1	7.2	5.6	5.2	6.6	5.7	5.6	6.1	5.4	3.2	4.9	4.2
42.0	4.2	6.4	5.4	4.1	6.4	5.5	4.3	6.4	5.6	4.6	5.8	5.2	2.9	4.6	4.0
44.0	3.3	5.4	5.3	3.2	5.4	5.4	3.4	5.5	5.4	3.8	5.6	5.0		4.3	3.8
46.0	2.5	4.4	5.1		4.4	5.2		4.6	5.2		5.0	4.8		4.1	3.6
48.0		3.6	5.0		3.6	5.1		3.7	5.1		4.1	4.6		3.9	3.4
50.0		2.8	4.1		2.8	4.2		3.0	4.4		3.4	4.4			3.3
54.0			2.4			2.5			2.8			3.2			
θ (°)	51 to 83	55 to 84.5	55 to 84.5	56 to 83	58 to 84.5	60 to 84.5	59 to 83	61 to 84.5	63 to 84.5	62 to 83	64 to 84.5	66 to 84.5	65 to 83	68 to 84.5	72 to 84.5
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

PS + Hydraulic Tilt Jib

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	55.7	57.3	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	47.7	49.1	50.2	48.2	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	36.3	37.4	38.3	36.8	37.9	38.7	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	28.6	29.5	30.1	29.0	29.9	30.6	28.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	22.9	23.7	24.2	23.4	24.1	24.6	24.2	24.9	23.9	22.5	21.1	20.1	21.5	20.2	19.3
20.0	18.6	19.3	19.7	19.1	19.7	20.2	19.9	20.5	20.9	20.5	20.0	19.2	20.4	19.2	18.4
22.0	15.3	15.8	16.1	15.7	16.3	16.6	16.5	17.0	17.4	17.1	17.6	18.0	17.3	17.8	17.6
24.0	12.6	13.0	13.3	13.0	13.5	13.8	13.7	14.2	14.5	14.4	14.8	15.2	14.5	15.0	15.3
26.0	10.1	10.7	10.9	10.7	11.2	11.4	11.5	11.9	12.2	12.1	12.5	12.8	12.3	12.7	13.0
28.0	8.0	8.4	8.7	8.6	9.0	9.3	9.5	9.9	10.2	10.2	10.6	10.8	10.4	10.8	11.0
30.0	6.2	6.6	6.7	6.8	7.2	7.4	7.7	8.1	8.3	8.4	8.8	9.1	8.6	9.0	9.3
32.0	4.6	5.0	5.1	5.2	5.6	5.7	6.1	6.4	6.7	6.9	7.2	7.4	7.0	7.4	7.6
34.0	3.3	3.5	3.6	3.9	4.2	4.3	4.7	5.0	5.2	5.5	5.8	6.0	5.6	6.0	6.2
36.0				2.7	2.9	3.0	3.5	3.8	3.9	4.3	4.6	4.7	4.4	4.7	4.9
38.0							2.5	2.7	2.8	3.2	3.5	3.6	3.4	3.6	3.8
40.0								1.7	1.8	2.3	2.5	2.6	2.4	2.7	2.8
θ (°)	41 to 84.5	42 to 84.5	43 to 84.5	45 to 84.5	46 to 84.5	46 to 84.5	47 to 84.5	45 to 84.5	46 to 84.5	50 to 84.5	51 to 84.5	51 to 84.5	53 to 84.5	54 to 84.5	55 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	37.3	32.1		36.6	30.8		25.8			22.3			19.5		
16.0	29.6	30.6	24.5	29.9	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	23.9	26.5	23.9	24.3	26.8	24.2	22.5	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	19.6	21.8	23.3	20.0	22.2	23.5	20.4	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	16.3	18.2	19.8	16.6	18.5	20.1	17.0	16.4	14.3	17.0	14.4	12.9	16.3	13.9	12.4
24.0	13.5	15.2	16.6	13.9	15.6	17.0	14.3	15.7	13.8	14.8	13.7	12.4	14.7	13.2	11.9
26.0	11.3	12.8	14.0	11.6	13.2	14.4	12.0	13.5	13.4	12.5	13.1	11.9	12.4	12.6	11.4
28.0	9.3	10.8	11.8	9.6	11.1	12.2	10.1	11.5	12.6	10.6	12.0	11.4	10.5	11.9	11.0
30.0	7.5	9.0	10.0	7.9	9.4	10.3	8.3	9.8	10.7	8.9	10.2	11.0	8.8	10.2	10.6
32.0	5.9	7.3	8.3	6.3	7.7	8.7	6.8	8.2	9.1	7.3	8.7	9.6	7.2	8.6	9.6
34.0	4.6	5.8	6.6	4.9	6.2	7.1	5.4	6.7	7.6	6.0	7.2	8.2	5.9	7.2	8.1
36.0	3.4	4.5	5.2	3.7	4.9	5.7	4.2	5.4	6.2	4.8	5.9	6.8	4.7	5.9	6.8
38.0		3.3	3.9	2.7	3.7	4.4	3.2	4.2	5.0	3.7	4.8	5.6	3.6	4.7	5.5
40.0			2.7		2.7	3.3	2.2	3.2	3.9	2.8	3.8	4.5		3.7	4.4
42.0								2.3	2.8		2.8	3.4			3.4
44.0												2.5			
θ (°)	48 to 83	49 to 84.5	48 to 84.5	50 to 83	51 to 84.5	53 to 84.5	51 to 83	53 to 84.5	55 to 84.5	55 to 83	57 to 84.5	56 to 84.5	60 to 83	61 to 84.5	62 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	30.5	21.3		28.2			21.0			16.9			14.4		
18.0	24.8	20.2		24.9	20.7		19.6	14.9		16.9			14.0		
20.0	20.4	19.2		20.5	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	17.0	18.3	14.0	17.1	18.9		17.2	13.4		14.9	12.1		13.1	11.6	
24.0	14.3	16.8	13.6	14.4	16.9	13.8	14.8	12.8	11.0	14.0	11.5		12.7	11.1	
26.0	12.1	14.3	13.3	12.1	14.4	13.5	12.6	12.3	10.6	12.8	10.9	9.6	12.1	10.6	9.3
28.0	10.1	12.2	12.9	10.2	12.3	13.1	10.7	11.8	10.2	10.9	10.4	9.2	10.7	10.1	8.9
30.0	8.3	10.4	11.8	8.4	10.5	12.0	8.9	10.9	9.9	9.2	10.0	8.9	9.0	9.7	8.6
32.0	6.8	8.8	10.1	6.9	8.9	10.3	7.3	9.3	9.6	7.6	9.5	8.6	7.4	9.3	8.3
34.0	5.4	7.3	8.6	5.5	7.4	8.8	6.0	7.9	9.2	6.3	8.1	8.3	6.1	8.0	8.0
36.0	4.2	5.9	7.2	4.3	6.0	7.4	4.8	6.5	7.9	5.1	6.8	8.0	4.9	6.7	7.6
38.0	3.1	4.7	5.8	3.2	4.8	6.1	3.7	5.3	6.6	4.0	5.6	6.9	3.8	5.5	6.8
40.0		3.6	4.6		3.8	4.9	2.8	4.3	5.4	3.0	4.6	5.7		4.4	5.6
42.0		2.6	3.5		2.8	3.8		3.3	4.3		3.6	4.6		3.5	4.6
44.0						2.8			3.3			3.7			3.6
46.0												2.8			
θ (°)	51 to 83	51 to 84.5	55 to 84.5	55 to 83	56 to 84.5	57 to 84.5	56 to 83	59 to 84.5	60 to 84.5	59 to 83	62 to 84.5	62 to 84.5	63 to 83	64 to 84.5	66 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

Counterweight 47t, outrigger extension width 6.8m
PS + boom + 2.0m + 23.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
12.0	24.7														
14.0	24.7			21.4			16.6								
16.0	24.7			21.4			16.6			12.7					
18.0	24.3			21.4			16.6			12.7			10.4		
20.0	21.1	14.4		21.1			16.1			12.7			10.0		
22.0	17.7	13.6		17.7	14.0		15.1	11.3		12.7			9.6		
24.0	14.9	12.9		14.9	13.3		14.1	10.8		12.4	9.8		9.2		
26.0	12.7	12.3	9.3	12.7	12.7		12.8	10.3		11.7	9.4		8.8	9.0	
28.0	10.8	11.7	9.0	10.8	12.1	9.1	10.9	9.9		11.0	8.9		8.3	8.6	
30.0	9.0	11.2	8.7	9.0	11.5	8.9	9.2	9.5	8.1	9.4	8.5	7.4	7.9	8.2	
32.0	7.4	9.9	8.5	7.4	9.9	8.6	7.6	9.1	7.8	7.8	8.1	7.1	7.4	7.7	6.5
34.0	6.1	8.5	8.3	6.1	8.5	8.4	6.3	8.7	7.6	6.5	7.8	6.9	6.2	7.3	6.2
36.0	4.9	7.1	8.1	4.9	7.1	8.2	5.1	7.4	7.3	5.3	7.5	6.6	5.0	6.8	5.9
38.0	3.8	5.9	7.5	3.8	5.9	7.6	4.0	6.1	7.1	4.2	6.3	6.4		6.2	5.7
40.0	2.8	4.7	6.3	2.8	4.8	6.4		5.0	6.6		5.2	6.2		5.1	5.4
42.0		3.7	5.1		3.8	5.2		4.0	5.5		4.2	5.7		4.1	5.1
44.0		2.8	4.0		2.9	4.2		3.1	4.5		3.3	4.7			4.6
46.0			3.1			3.2			3.6			3.8			
48.0			2.1												
θ (°)	53 to 83	55 to 84.5	55 to 84.5	57 to 83	59 to 84.5	62 to 84.5	61 to 83	62 to 84.5	65 to 84.5	64 to 83	65 to 84.5	68 to 84.5	67 to 83	69 to 84.5	72 to 84.5
Standard hook block	35t			35t											
Hook block weight	950kg			950kg											
Standard number of parts of line	3			2											

PS + Hydraulic Tilt Jib

Counterweight 25t, outrigger extension width 8.5m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	53.4	55.1	52.9	50.7	47.2	45.0	33.7	30.3		28.3					
12.0	45.2	46.8	48.0	45.8	46.2	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	33.4	34.5	35.4	33.9	35.1	35.9	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	25.5	26.5	27.2	26.0	27.0	27.7	26.9	26.4	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	20.0	20.8	21.3	20.5	21.2	21.8	21.3	22.1	22.6	22.0	21.1	20.1	21.5	20.2	19.3
20.0	15.8	16.5	16.9	16.3	17.0	17.4	17.1	17.8	18.2	17.8	18.5	18.9	18.0	18.6	18.4
22.0	12.6	13.2	13.5	13.1	13.7	14.0	13.9	14.4	14.8	14.6	15.1	15.5	14.7	15.3	15.7
24.0	10.0	10.5	10.8	10.5	11.0	11.3	11.3	11.8	12.1	12.0	12.4	12.8	12.1	12.6	13.0
26.0	7.6	8.1	8.4	8.2	8.7	9.0	9.1	9.6	9.9	9.8	10.3	10.5	10.0	10.4	10.7
28.0	5.6	6.1	6.3	6.2	6.7	6.9	7.1	7.6	7.9	7.9	8.4	8.7	8.1	8.5	8.9
30.0	3.9	4.3	4.5	4.5	4.9	5.1	5.4	5.8	6.1	6.2	6.6	6.9	6.4	6.8	7.1
32.0		2.8	2.9		3.4	3.6	4.0	4.3	4.6	4.8	5.1	5.4	4.9	5.3	5.5
34.0								3.0	3.2	3.5	3.8	4.0	3.6	4.0	4.2
θ (°)	49 to 84.5	46 to 84.5	47 to 84.5	54 to 84.5	52 to 84.5	53 to 84.5	56 to 84.5	54 to 84.5	55 to 84.5	57 to 84.5	58 to 84.5	58 to 84.5	60 to 84.5	61 to 84.5	62 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 25t, outrigger extension width 8.5m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	44.8			36.6			27.9								
14.0	34.5	32.1		35.0	30.8		25.8			22.3			19.5		
16.0	26.7	29.9	24.5	27.1	29.6		24.0	19.0		20.7	17.0		19.5		
18.0	21.1	23.8	23.9	21.5	24.2	24.2	21.9	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	16.9	19.2	21.2	17.3	19.6	21.5	17.7	17.1	14.9	18.1	15.2	13.5	17.3	14.6	
22.0	13.7	15.7	17.4	14.1	16.1	17.7	14.5	16.4	14.3	15.0	14.4	12.9	14.9	13.9	12.4
24.0	11.1	12.9	14.3	11.5	13.3	14.7	11.9	13.6	13.8	12.4	13.7	12.4	12.3	13.2	11.9
26.0	8.9	10.6	11.8	9.3	10.9	12.2	9.8	11.3	12.6	10.3	11.8	11.9	10.2	11.7	11.4
28.0	6.9	8.7	9.8	7.3	9.0	10.1	7.8	9.4	10.5	8.4	9.9	11.0	8.3	9.8	11.0
30.0	5.3	6.8	8.0	5.6	7.2	8.4	6.1	7.7	8.8	6.7	8.3	9.3	6.6	8.2	9.2
32.0	3.8	5.2	6.2	4.2	5.6	6.7	4.7	6.1	7.2	5.3	6.7	7.8	5.2	6.6	7.7
34.0		3.8	4.7		4.3	5.2	3.5	4.7	5.7	4.0	5.3	6.3		5.2	6.2
36.0			3.4			3.9		3.5	4.4		4.1	5.0			4.9
38.0									3.2			3.8			
θ (°)	53 to 83	55 to 84.5	55 to 84.5	57 to 83	59 to 84.5	59 to 84.5	58 to 83	60 to 84.5	60 to 84.5	61 to 83	63 to 84.5	63 to 84.5	65 to 83	67 to 84.5	68 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 25t, outrigger extension width 8.5m
PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	27.7	21.3		27.8			21.0			16.9			14.4		
18.0	22.0	20.2		22.1	20.7		19.6	14.9		16.9			14.0		
20.0	17.8	19.2		17.9	19.8		18.3	14.1		15.9	12.7		13.6		
22.0	14.6	17.5	14.0	14.6	17.6		15.1	13.4		14.9	12.1		13.1	11.6	
24.0	12.0	14.5	13.6	12.0	14.6	13.8	12.5	12.8	11.0	12.7	11.5		12.6	11.1	
26.0	9.8	12.1	13.3	9.9	12.2	13.5	10.4	12.3	10.6	10.6	10.9	9.6	10.4	10.6	9.3
28.0	7.9	10.1	11.9	7.9	10.2	12.0	8.5	10.6	10.2	8.8	10.4	9.2	8.6	10.1	8.9
30.0	6.2	8.4	10.0	6.2	8.5	10.1	6.8	8.9	9.9	7.0	9.2	8.9	6.9	9.1	8.6
32.0	4.7	6.8	8.3	4.8	6.9	8.5	5.3	7.4	8.9	5.6	7.7	8.6	5.4	7.6	8.3
34.0		5.4	6.9	3.6	5.5	7.1	4.0	6.0	7.5	4.3	6.3	7.7		6.1	7.7
36.0		4.1	5.4		4.2	5.6		4.7	6.1		5.0	6.4		4.9	6.4
38.0			4.1			4.4		3.6	4.9			5.2			5.1
40.0						3.2			3.8			4.1			
θ (°)	58 to 83	59 to 84.5	61 to 84.5	59 to 83	62 to 84.5	62 to 84.5	62 to 83	63 to 84.5	65 to 84.5	64 to 83	68 to 84.5	68 to 84.5	68 to 83	69 to 84.5	71 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

PS + Hydraulic Tilt Jib

Counterweight 25t, outrigger extension width 8.0m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	58.6	58.6		52.9											
10.0	58.6	58.6	53.9	52.0	48.4		34.9								
11.0	48.9	50.7	52.0	49.5	47.2	45.0	33.7	30.3		28.3					
12.0	41.2	42.7	43.9	41.8	43.3	44.1	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	30.5	31.6	32.5	31.0	32.1	33.0	30.6	27.8	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	23.3	24.2	24.9	23.8	24.7	25.4	24.6	25.5	24.9	23.9	22.2	21.2	22.8	21.3	20.3
18.0	18.1	18.9	19.5	18.6	19.4	19.9	19.4	20.2	20.7	20.2	20.9	20.1	20.4	20.2	19.3
20.0	14.3	14.9	15.4	14.8	15.4	15.9	15.6	16.2	16.7	16.3	16.9	17.3	16.4	17.1	17.5
22.0	11.3	11.9	12.2	11.8	12.3	12.7	12.5	13.1	13.5	13.2	13.8	14.1	13.4	13.9	14.3
24.0	8.7	9.3	9.6	9.2	9.8	10.2	10.1	10.6	10.9	10.8	11.3	11.6	10.9	11.4	11.8
26.0	6.4	6.9	7.2	7.0	7.5	7.8	7.9	8.4	8.8	8.7	9.2	9.5	8.9	9.4	9.7
28.0	4.6	5.0	5.2	5.1	5.6	5.9	6.0	6.5	6.8	6.8	7.3	7.6	7.0	7.5	7.8
30.0		3.4	3.5		4.0	4.2	4.5	4.9	5.1	5.2	5.7	5.9	5.4	5.8	6.1
32.0								3.5	3.7	3.9	4.2	4.5	4.0	4.4	4.6
θ (°)	52 to 84.5	50 to 84.5	50 to 84.5	57 to 84.5	55 to 84.5	56 to 84.5	58 to 84.5	57 to 84.5	57 to 84.5	59 to 84.5	60 to 84.5	61 to 84.5	62 to 84.5	63 to 84.5	64 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 25t, outrigger extension width 8.0m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	45.4			36.6											
12.0	42.4			36.6			27.9								
14.0	31.6	32.1		32.0	30.8		25.8			22.3			19.5		
16.0	24.4	27.5	24.5	24.8	27.9		24.0	19.0		20.7	17.0		19.5		
18.0	19.2	21.9	23.9	19.6	22.2	24.2	20.0	18.0	15.5	19.3	16.0		18.4	15.4	
20.0	15.4	17.6	19.5	15.7	18.0	19.9	16.2	17.1	14.9	16.7	15.2	13.5	16.6	14.6	
22.0	12.4	14.3	16.0	12.7	14.7	16.3	13.1	15.1	14.3	13.7	14.4	12.9	13.6	13.9	12.4
24.0	9.9	11.7	13.1	10.3	12.0	13.5	10.7	12.4	13.8	11.2	12.9	12.4	11.1	12.8	11.9
26.0	7.7	9.5	10.8	8.1	9.9	11.1	8.6	10.3	11.5	9.2	10.7	11.9	9.1	10.7	11.4
28.0	5.9	7.6	8.8	6.2	8.0	9.2	6.7	8.4	9.5	7.3	8.9	10.0	7.2	8.9	10.0
30.0	4.3	5.8	7.0	4.7	6.2	7.4	5.2	6.7	7.9	5.7	7.3	8.4	5.6	7.2	8.3
32.0		4.3	5.3		4.7	5.8	3.8	5.2	6.3	4.4	5.8	6.8		5.7	6.8
34.0			3.9			4.3		3.9	4.9		4.5	5.4			5.4
36.0									3.6			4.2			
θ (°)	56 to 83	58 to 84.5	58 to 84.5	60 to 83	61 to 84.5	62 to 84.5	60 to 83	62 to 84.5	62 to 84.5	63 to 83	65 to 84.5	65 to 84.5	67 to 83	69 to 84.5	70 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

Counterweight 25t, outrigger extension width 8.0m

PS + boom + 2.0m + 17.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
11.0	32.6														
12.0	32.6			28.2											
14.0	32.6			28.2			21.7								
16.0	25.4	21.3		25.5			21.0			16.9			14.4		
18.0	20.2	20.2		20.2	20.7		19.6	14.9		16.9			14.0		
20.0	16.2	19.2		16.3	19.6		16.8	14.1		15.9	12.7		13.6		
22.0	13.2	16.1	14.0	13.3	16.2		13.7	13.4		14.0	12.1		13.1	11.6	
24.0	10.8	13.3	13.6	10.8	13.4	13.8	11.3	12.8	11.0	11.5	11.5		11.4	11.1	
26.0	8.7	11.0	13.0	8.7	11.1	13.1	9.3	11.5	10.6	9.5	10.9	9.6	9.4	10.6	9.3
28.0	6.8	9.1	10.9	6.9	9.2	11.0	7.4	9.7	10.2	7.7	9.9	9.2	7.5	9.8	8.9
30.0	5.2	7.5	9.1	5.3	7.6	9.2	5.8	8.0	9.6	6.1	8.3	8.9	5.9	8.2	8.6
32.0		5.9	7.5	3.9	6.0	7.7	4.4	6.5	8.1		6.8	8.3		6.6	8.2
34.0		4.5	6.0		4.6	6.2		5.1	6.7		5.4	7.0		5.3	6.9
36.0			4.6			4.8		3.9	5.3			5.6			5.5
38.0						3.6			4.1			4.4			
θ (°)	60 to 83	62 to 84.5	63 to 84.5	61 to 83	65 to 84.5	64 to 84.5	64 to 83	65 to 84.5	67 to 84.5	68 to 83	69 to 84.5	69 to 84.5	70 to 83	71 to 84.5	73 to 84.5
Standard hook block	35t						35t								
Hook block weight	950kg						950kg								
Standard number of parts of line	3						2								

PS + Hydraulic Tilt Jib

Counterweight 25t, outrigger extension width 6.8m
PS + boom + 2.0m + 3.5m hydraulic tilt jib

Unit: t

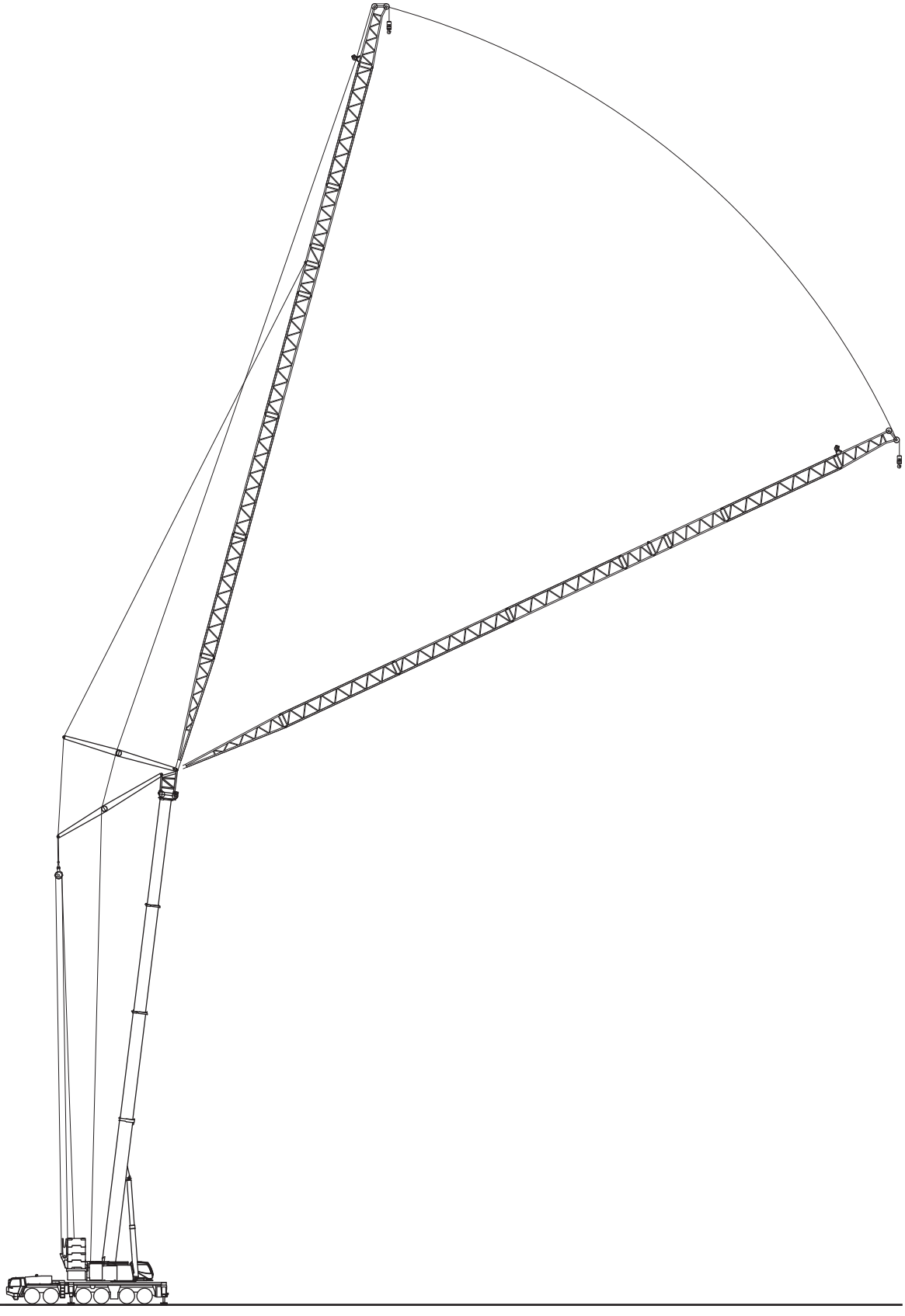
Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
8.0	58.6														
9.0	56.9	58.6		52.9											
10.0	46.3	48.2	49.6	46.9	48.4		34.9								
11.0	38.6	40.2	41.4	39.1	40.6	41.9	33.7	30.3		28.3					
12.0	32.6	34.0	35.1	33.1	34.5	35.5	32.6	29.4	27.4	27.3	25.1		26.0		
14.0	24.1	25.2	26.0	24.6	25.6	26.4	25.4	26.4	26.1	25.5	23.6	22.4	24.3	22.5	21.4
16.0	18.2	19.1	19.8	18.7	19.6	20.2	19.5	20.4	21.0	20.3	21.1	21.2	20.4	21.3	20.3
18.0	14.0	14.7	15.3	14.5	15.2	15.7	15.3	16.0	16.5	16.0	16.7	17.2	16.1	16.8	17.4
20.0	10.8	11.4	11.8	11.2	11.9	12.3	12.0	12.6	13.1	12.7	13.3	13.7	12.9	13.5	13.9
22.0	7.9	8.6	9.1	8.5	9.2	9.6	9.4	10.0	10.4	10.1	10.7	11.0	10.3	10.8	11.2
24.0	5.6	6.2	6.6	6.2	6.8	7.2	7.1	7.7	8.1	7.9	8.5	8.8	8.1	8.6	9.0
26.0		4.2	4.5		4.8	5.1	5.2	5.7	6.0	6.0	6.5	6.8	6.1	6.6	7.0
28.0								4.0	4.3		4.8	5.1		5.0	5.3
θ (°)	58 to 84.5	57 to 84.5	57 to 84.5	62 to 84.5	61 to 84.5	62 to 84.5	63 to 84.5	62 to 84.5	62 to 84.5	66 to 84.5	65 to 84.5	65 to 84.5	68 to 84.5	67 to 84.5	68 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	5						3								

Counterweight 25t, outrigger extension width 6.8m
PS + boom + 2.0m + 11.5m hydraulic tilt jib

Unit: t

Boom length (m)	40.4			45.4			50.5			55.6			60.0		
Load radius (m)	Offset			Offset			Offset			Offset			Offset		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10.0	45.4														
11.0	39.6			36.6											
12.0	33.6			34.1			27.9								
14.0	25.1	28.7		25.5	29.0		25.8			22.3			19.5		
16.0	19.2	22.2	24.5	19.6	22.6		20.1	19.0		20.6	17.0		19.5		
18.0	15.0	17.5	19.7	15.4	17.9	20.0	15.8	18.0	15.5	16.3	16.0		16.2	15.4	
20.0	11.8	14.0	15.8	12.1	14.3	16.2	12.5	14.7	14.9	13.1	15.2	13.5	13.0	14.6	
22.0	9.2	11.2	12.8	9.6	11.5	13.1	10.0	11.9	13.4	10.5	12.4	12.9	10.4	12.3	12.4
24.0	6.9	8.9	10.3	7.2	9.3	10.6	7.7	9.6	11.0	8.3	10.1	11.4	8.2	10.0	11.4
26.0	5.0	6.8	8.3		7.2	8.6	5.8	7.7	9.0	6.4	8.2	9.4	6.3	8.1	9.4
28.0		5.0	6.3		5.4	6.8		5.9	7.2		6.5	7.7		6.4	7.7
30.0			4.7			5.1			5.6		4.9	6.1			6.1
32.0												4.7			
θ (°)	61 to 83	63 to 84.5	64 to 84.5	66 to 83	66 to 84.5	67 to 84.5	66 to 83	68 to 84.5	69 to 84.5	69 to 83	69 to 84.5	69 to 84.5	70 to 83	72 to 84.5	73 to 84.5
Standard hook block	80t						35t								
Hook block weight	1550kg						950kg								
Standard number of parts of line	4						3								

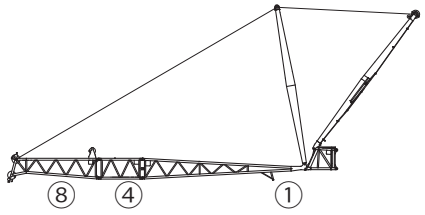
ALL TERRAIN CRANE
ATF400G-6
Luffing Jib



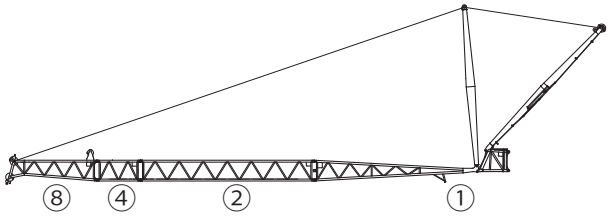
Luffing Jib

■ Configuration of luffing jib (LJ)

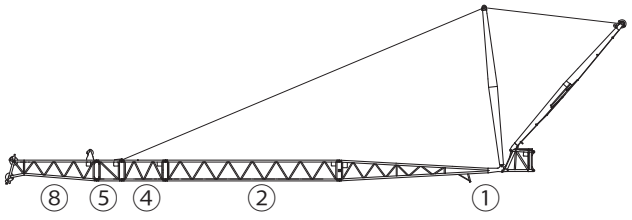
2.5m+20.3m jib



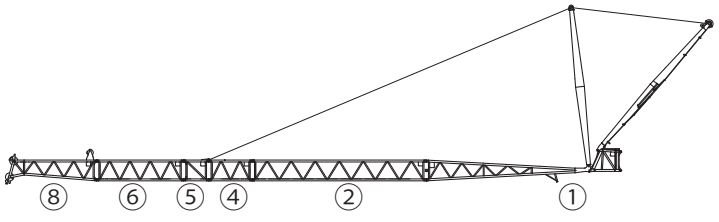
2.5m+32.3m jib



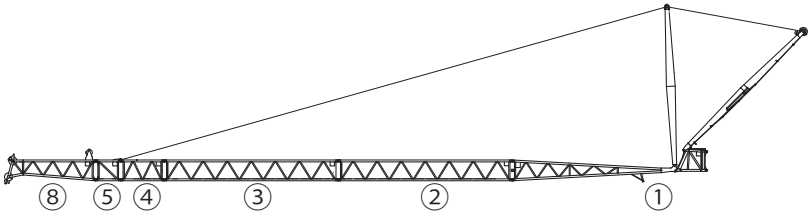
2.5m+34m jib



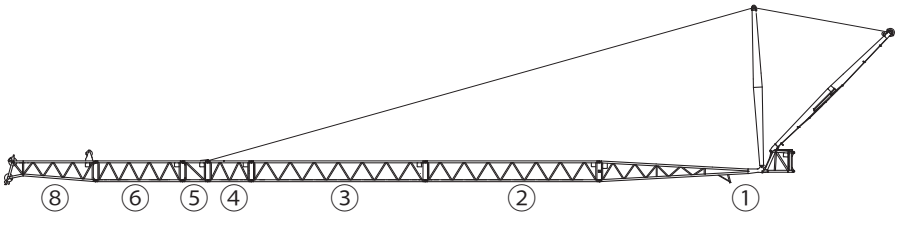
2.5m+40m jib



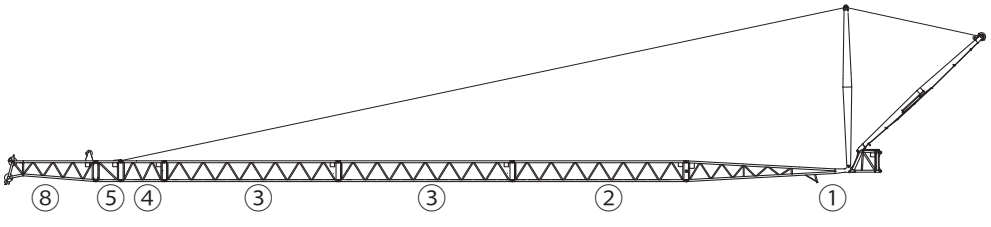
2.5m+46m jib (heavy)



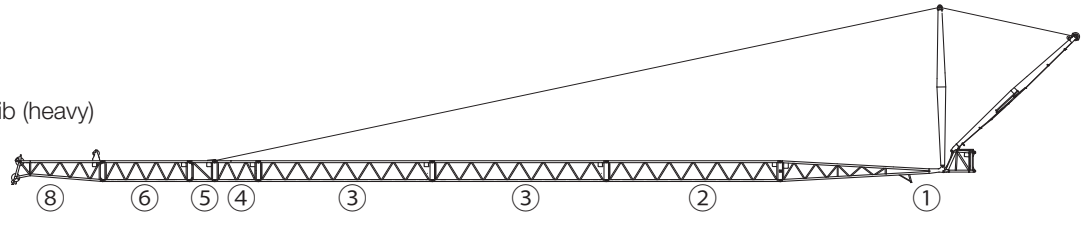
2.5m+52m jib (heavy)



2.5m+58m jib (heavy)

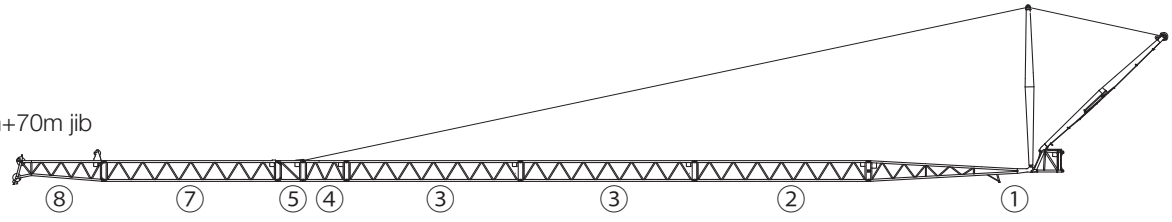


2.5m+64m jib (heavy)

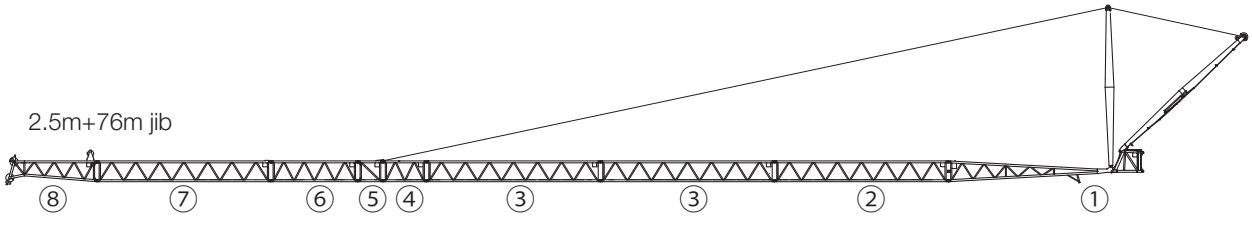


No.	Name	Length
①	Base jib	11.3 m
②	Middle jib A	12.0 m
③	Middle jib B	12.0 m
④	Reducer jib	3.0 m
⑤	Pendant connector jib	1.7 m
⑥	Middle jib C	6.0 m
⑦	Middle jib D	12.0 m
⑧	Top jib	6.0 m

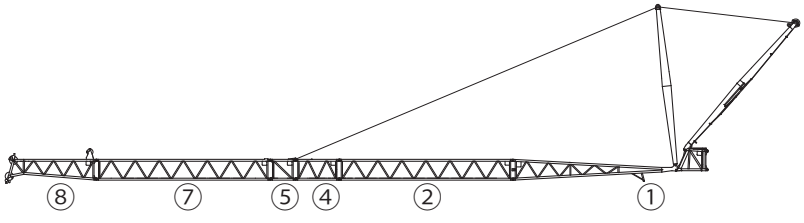
2.5m+70m jib



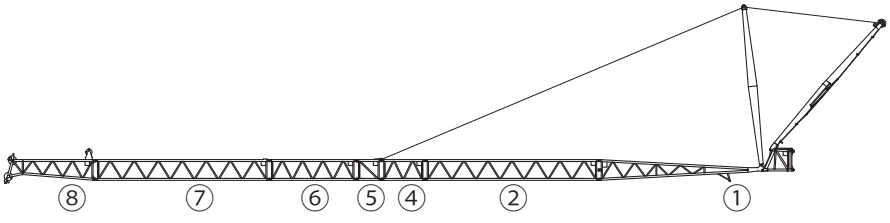
2.5m+76m jib



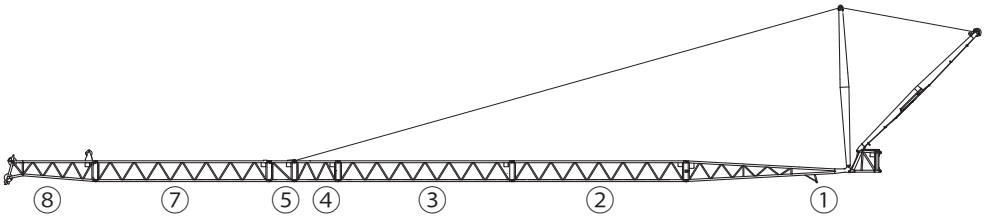
2.5m+46m jib (light)



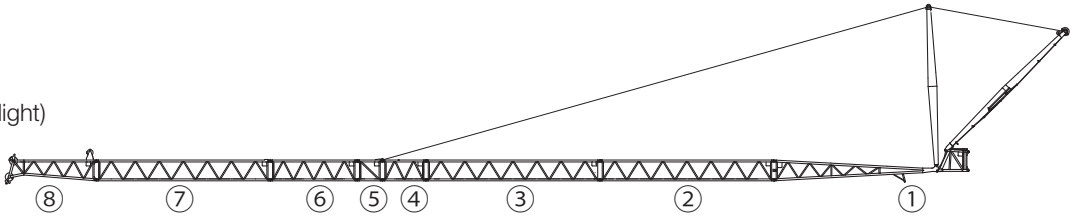
2.5m+52m jib (light)



2.5m+58m jib (light)

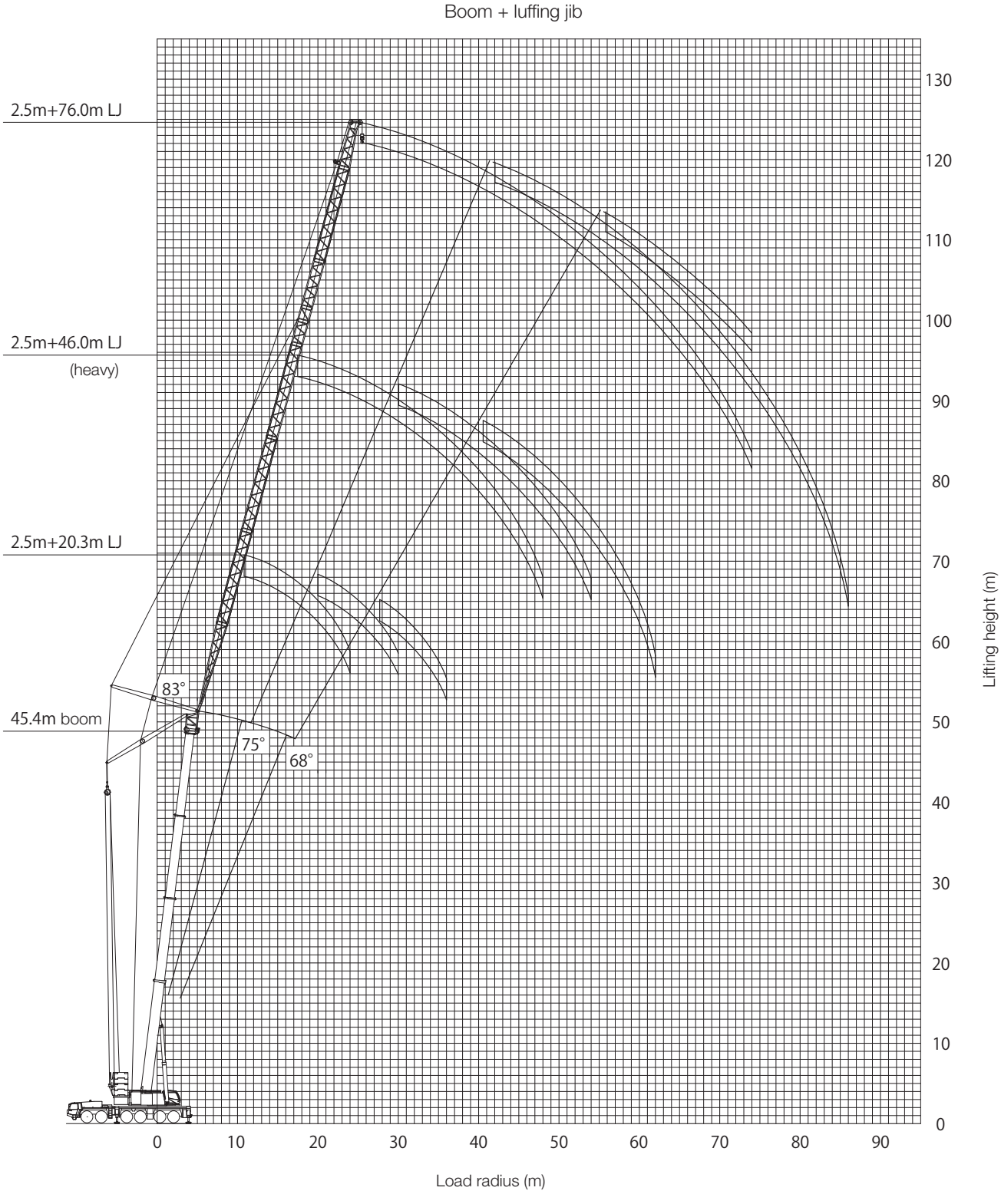


2.5m+64m jib (light)



Luffing Jib

Working range chart for boom + luffing jib (LJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 138t and outrigger extension width 8.5m.

Rated lifting capacity table for boom + luffing jib (LJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t
8.5 m	○	○	○	○	○	○
8.0 m		○	○	○	○	○
6.8 m			○	○		

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	15.0 m	20.1 m	25.1 m	30.2 m	35.3 m	40.4 m	45.4 m	50.5 m	55.6 m
Telescopic section 1	0	45	90	90	90	90	90	90	90
Telescopic section 2	0	0	0	45	90	90	90	90	90
Telescopic section 3	0	0	0	0	0	45	90	90	90
Telescopic section 4	0	0	0	0	0	0	0	45	90

◆ When the B-pins (boom fixing pins) are not inserted, operation is not allowed.

◆ For back tension link with 15.0m boom + (32.3m jib, 34m jib, 40m jib, 46m jib (light)), be sure to use a short back tension link.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	5	4	3	2	1
Maximum load	58.6t	47.4t	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "Offset" indicates an angle formed between the boom centerline and jib centerline.

◆ "θ (°)" indicates the jib offset angle range in which no-load operation is enabled.

Luffing Jib

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m		20.1m		25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	75°	68°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0					58.6														
16.0	65.0				57.0			53.7											
18.0	58.8		55.1		52.0			49.1			45.7			39.0					
20.0	53.7	54.4	50.4		47.1	47.2		45.2			41.6			36.5			30.5		
22.0	49.5	50.0	46.5			43.5		41.9	38.6		38.4			33.6			28.1		
24.0		46.3	43.2	41.8		40.3			35.5			31.9					24.1		
26.0				39.0		37.7	35.3		33.1			29.4			25.8				
28.0							32.9			28.4		27.4			22.1				
30.0										23.8			21.4		20.3			17.7	
32.0													19.6						
34.0																16.3			
36.0																			13.8
θ (°)	18 to 51	18 to 44	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																35t		
Hook block weight	1550kg																950kg		
Standard number of parts of line	6		5								4						3		

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	46.3	47.0		43.6	43.6		41.0			36.8			31.9			22.5								
22.0	42.8	43.5		40.4	40.4		38.1	37.2		35.8			31.5			22.1			17.8			13.7		
24.0	39.8	40.4	40.7	37.7	37.6		35.5	34.7		33.5	32.1		30.9			21.7			17.7			13.7		
26.0	37.2	37.7	37.9	35.3	35.1	34.7	33.3	32.5		31.4	30.1		29.1			21.3			17.4			13.7		
28.0	34.4	35.4	35.6	33.2	33.0	32.5	31.4	30.5		29.6	28.3		27.5	25.7		21.0			17.1			13.5		
30.0	28.6	33.3	33.5	31.3	31.1	30.6	29.6	28.7	27.9	28.0	26.7		26.0	22.4		20.7	19.6		16.9			13.3		
32.0		31.5	31.6	24.9	29.4	28.9	28.1	27.2	26.3	26.6	23.4	21.6	22.7	20.3		19.6	18.1		16.1	15.3		13.2		
34.0		24.9	29.9		27.9	27.4		25.8	23.8		21.3	20.0	21.2	19.0	17.8	18.5	16.9		15.1	14.2		12.9	11.7	
36.0			28.4		26.5	26.0		23.0	21.7		20.0	18.7		17.7	16.5		15.7			13.2		11.8	10.9	
38.0						23.0		22.2	20.4		19.0	17.5		16.7	15.4		14.7	13.5		12.3			10.1	
40.0									19.3			16.4		15.8	14.4		13.8	12.6		11.5	11.0		9.4	
42.0												15.5			13.5		13.0	11.8		10.8	10.3		8.8	
44.0															12.7			11.0			9.6		8.2	7.6
46.0																		10.4			9.0			7.1
48.0																					8.4			6.6
50.0																								6.2
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	40.8		37.9	39.3		37.0			34.0			28.7			20.9			17.0								
24.0	34.4	38.0		35.4	36.6		34.6	33.7		32.7			28.4			20.5			16.5			13.0			9.2		
26.0	31.4	35.0	37.1	32.3	34.2		32.4	31.6		30.7	29.3		27.7			20.2			16.2			12.8			9.0		
28.0	28.9	31.9	34.8	29.6	32.1	31.7	30.4	29.6		28.9	27.6		25.3	22.1		19.9			16.1			12.7			8.7		
30.0	26.7	29.3	31.9	27.3	30.3	29.8	28.0	28.0	27.1	27.3	24.9		21.6	20.4		19.6	19.5		15.9			12.6			8.6		
32.0	24.2	27.1	29.3	25.4	28.5	28.2	26.0	26.4	25.4	25.9	21.5	19.8	20.4	19.0		19.2	18.0		15.8	15.1		12.6			8.5		
34.0		25.2	27.1	21.2	26.4	26.1	22.5	23.3	21.9	23.1	20.1	18.4	19.4	17.7		18.4	16.8		15.2	14.0		12.5	11.6		8.5		
36.0		21.2	25.1		24.6	22.9		22.0	20.5		18.9	17.1	18.7	16.5	15.7	17.4	15.7		14.1	13.1		11.9	10.7		8.5		
38.0			22.9		21.4	21.7		20.9	19.2		17.9	16.0		15.5	14.6		14.7	13.4		12.2			10.0		8.5	8.0	
40.0						20.8			18.1		17.0	15.0		14.6	13.6		13.8	12.5		11.4			9.3			7.4	
42.0									17.3			14.2		13.9	12.7		13.0	11.7		10.7	10.1		8.7			6.9	
44.0												13.4			11.9			11.0		10.1	9.5		8.1	7.5		6.4	
46.0															11.2			10.3			8.9		7.6	7.0		6.0	
48.0																		9.7			8.3			6.5			5.0
50.0																					7.8			6.1			4.7
54.0																											4.0
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	20.4		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	20.2	16.9	19.2		16.0	18.2		17.4	19.9		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	18.8	15.8	17.9	19.9	15.1	17.2		16.4	19.0		15.8	16.4		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	17.5	14.8	16.7	18.6	14.2	16.2	17.9	15.4	17.9		15.2	15.8		13.8	13.2		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	16.3	13.9	15.7	17.3	13.5	15.3	16.9	14.5	16.8		14.5	14.8		13.5	12.3		10.7	9.9		8.4		
40.0		13.5	14.4		14.1	15.3	13.1	14.7	16.2	12.7	14.4	16.0	13.7	15.8	14.5	13.7	13.9		12.6	11.5		10.3	9.2		7.9	7.2	
42.0		12.8	13.5		13.2	14.3		13.8	15.2		13.7	15.1		14.9	13.6	13.0	13.1	11.8	11.9	10.8		9.7	8.6		7.4	6.7	
44.0					12.5	13.5		13.0	14.3		12.9	14.3		14.1	12.8		12.4	11.1		10.2			8.1		7.0	6.2	
46.0						12.7			13.4		12.3	13.6		13.4	12.1		11.7	10.4		9.6	8.9		7.6			5.8	
48.0									12.7			12.9		12.7	11.4		11.1	9.8		9.1	8.4		7.1	6.4		5.5	
50.0												12.2			10.8			9.2		8.6	7.9		6.7	6.0		5.1	4.5
54.0																		8.3			7.0			5.3			3.9
58.0																								4.6			3.4
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3						2												1					

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	36.7																										
18.0	35.8			30.8																							
20.0	35.1			30.2			23.7																				
22.0	34.3			29.7			23.2			18.5			17.9														
24.0	33.2			29.2			22.8			18.2			17.6														
26.0	31.2	31.4		28.7			22.4			17.9			17.4			14.9			12.9			10.1					
28.0	29.4	29.5		27.6	27.1		22.0			17.7			17.1			14.8			12.8			10.0			7.7		
30.0	27.8	27.9		26.1	25.6		21.7	21.8		17.4			16.9			14.6			12.7			9.9			7.5		
32.0	26.4	26.4	26.3	24.8	24.0		21.4	21.5		17.2	17.3		16.6			14.4			12.5			9.8			7.5		
34.0	25.1	25.1	25.0	23.4	23.1	22.5	21.1	21.1		17.0	17.1		16.4	16.6		14.3			12.3			9.7			7.4		
36.0	23.9	23.9	23.8	22.5	22.0	21.4	20.8	20.2		16.8	16.9		16.2	16.2		14.2	14.2		12.2			9.6			7.3		
38.0	22.1	22.8	22.7	21.6	21.0	20.4	20.3	19.3	18.4	16.6	16.6		16.1	15.2		14.1	13.6		12.2	11.8		9.6			7.2		
40.0	19.7	21.8	21.7	20.7	20.1	19.5	19.4	18.4	17.5	16.4	16.0	14.8	15.9	14.3		14.0	13.0		11.9	11.1		9.5	8.7		7.1		
42.0	17.0	20.8	20.7	19.3	19.2	18.7	18.7	17.6	16.8	16.3	15.3	13.8	15.5	13.5	11.8	13.9	12.4		11.4	10.4		9.1	8.1		6.9	6.1	
44.0	14.4	19.1	19.9	16.7	18.4	17.9	17.9	16.9	16.0	16.1	14.4	13.0	15.0	12.7	11.1	13.5	11.9		10.8	9.7		8.7	7.6		6.5	5.6	
46.0		16.8	19.1		17.7	17.2	16.0	16.2	15.3	15.5	13.7	12.2	14.3	12.0	10.4	12.9	11.4	10.1	10.3	9.2		8.2	7.1		6.1	5.3	
48.0		13.9	17.8		17.1	16.5		15.6	14.5		13.0	11.5		11.3	9.8		10.8	9.5	9.8	8.6	7.9	7.7	6.7		5.7	4.9	
50.0						15.9		15.1	13.7		12.4	10.9		10.8	9.2		10.2	9.0		8.1	7.4		6.3	5.4	5.4	4.6	
54.0									12.6			9.8		9.8	8.2		9.2	7.9		7.3	6.5		5.5	4.7		4.0	3.3
58.0															7.4			7.1			5.8		4.9	4.1		3.5	2.8
62.0																					5.2			3.6			2.4
66.0																											2.0
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3			2															1					

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	29.8																										
20.0	29.2			22.3																							
22.0	27.8			21.9			19.6																				
24.0	25.4			21.5			19.3			14.8			16.0														
26.0	23.5			21.1			18.9			14.7			15.9			13.8											
28.0	22.2	24.5		20.7			18.6			14.6			15.7			13.7			11.2			8.6					
30.0	21.0	22.3		20.4	20.4		18.4			14.5			15.6			13.6			11.1			8.5			6.1		
32.0	19.8	21.1		19.5	20.1		18.1	18.1		14.5			15.5			13.5			11.0			8.4			6.0		
34.0	18.8	19.9		18.6	19.5		17.9	17.9		14.4	14.4		15.3			13.4			10.9			8.3			6.0		
36.0	17.8	18.9	19.8	17.7	19.0		17.5	17.6		14.3	14.3		15.2	14.8		13.3			10.8			8.2			6.0		
38.0	16.9	17.9	18.8	16.9	18.1	18.6	16.8	17.4		14.3	14.2		15.1	14.1		13.2			10.8			8.2			6.0		
40.0	16.1	17.0	17.9	16.1	17.2	17.8	16.1	16.7	15.8	14.2	14.2		15.0	13.5		13.0	11.8		10.7	10.8		8.1			5.9		
42.0	15.3	16.2	17.0	15.3	16.4	17.0	15.3	16.0	15.1	14.2	14.1		14.5	13.0		12.9	11.3		10.6	10.2		8.0			5.8		
44.0	14.6	15.4	16.1	14.6	15.7	16.3	14.7	15.4	14.5	14.1	13.9	12.8	14.0	12.4		12.5	10.8		10.4	9.7		8.0	7.5		5.8		
46.0	13.9	14.7	15.4	14.0	15.0	15.7	14.1	14.8	13.9	13.6	13.3	12.2	13.5	11.9	10.7	12.1	10.4		10.2	9.1		7.9	7.0		5.8	5.1	
48.0	13.2	14.0	14.7	13.4	14.3	15.1	13.5	14.2	13.4	13.2	12.8	11.8	13.0	11.5	10.2	11.7	10.0		9.7	8.6		7.7	6.6		5.6	4.7	
50.0	11.8	13.4	14.0	12.8	13.7	14.5	12.9	13.7	12.8	12.7	12.3	11.3	12.6	11.0	9.8	11.3	9.6	8.2	9.2	8.1		7.3	6.2		5.3	4.4	
54.0		11.6	12.8		12.6	13.3		12.8	11.9		11.5	10.5		10.3	9.0		8.9	7.6	8.4	7.3	6.5	6.6	5.5	4.6	4.7	3.8	
58.0									11.2		10.8	9.7		9.6	8.4		8.3	7.0		6.5	5.7		4.8	4.0		3.3	2.4
62.0												9.1			7.8			6.4		5.9	5.1		4.3	3.5		2.9	1.9
66.0																		5.8			4.5			3.0			1.5
70.0																								2.6			
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 59	8 to 60	8 to 52	8 to 39
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2															1								

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
20.0	21.8																									
22.0	20.4			19.9																						
24.0	19.1			19.5			17.5																			
26.0	18.0			18.3			17.3			16.7			14.6													
28.0	16.9			17.2			17.1			16.5			14.4			11.8										
30.0	16.0	17.1		16.3			16.6			16.3			14.3			11.7			9.3			6.7				
32.0	15.2	16.2		15.4	16.8		15.7			16.0			14.2			11.6			9.2			6.7			4.7	
34.0	14.4	15.3		14.6	15.9		14.9			15.1			14.0			11.5			9.1			6.6			4.6	
36.0	13.7	14.6		13.9	15.1		14.2	15.6		14.4			13.9			11.4			9.0			6.6			4.6	
38.0	13.1	13.9		13.3	14.3		13.5	14.8		13.7	14.2		13.8	13.5		11.3			9.0			6.6			4.6	
40.0	12.5	13.2	13.9	12.7	13.6		12.9	14.1		13.1	13.5		13.2	12.9		11.2			8.9			6.5			4.5	
42.0	12.0	12.7	13.2	12.2	13.0	13.8	12.3	13.4		12.5	12.9		12.7	12.3		11.1	10.9		8.8			6.5			4.4	
44.0	11.5	12.1	12.7	11.7	12.5	13.2	11.8	12.8	12.7	12.0	12.4		12.1	11.7		11.0	10.4		8.8	8.7		6.4			4.3	
46.0	11.1	11.6	12.1	11.2	12.0	12.6	11.4	12.3	12.1	11.5	11.9	10.8	11.6	11.2		11.0	10.0		8.7	8.5		6.4	6.4		4.3	
48.0	10.7	11.2	11.6	10.8	11.5	12.1	10.9	11.8	11.6	11.1	11.4	10.3	11.2	10.8		10.8	9.6		8.7	8.1		6.4	6.0		4.3	
50.0	10.3	10.8	11.2	10.4	11.0	11.6	10.6	11.3	11.2	10.7	11.0	9.9	10.8	10.3	9.0	10.4	9.2		8.6	7.6		6.4	5.7		4.3	3.8
54.0	9.8	10.1	10.4	9.8	10.3	10.8	9.9	10.5	10.4	10.0	10.2	9.1	10.1	9.5	8.0	9.7	8.4	7.0	7.9	6.8		6.0	4.9		4.2	3.2
58.0		9.6	9.9		9.8	10.1		9.9	9.6		9.5	8.4	9.6	8.5	7.1	9.2	7.8	6.4	7.1	6.0	5.2	5.4	4.3	3.4	3.6	2.7
62.0						9.6		9.5	9.0		8.9	7.8		7.7	6.3		7.2	5.9		5.4	4.6		3.8	2.9		2.3
66.0											7.3				5.6		6.5	5.3		4.8	4.0		3.3	2.5		1.8
70.0															5.1			4.8			3.6		2.9	2.1		1.5
74.0																					3.1			1.7		
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 59	8 to 58	8 to 67	8 to 50	8 to 57	8 to 60	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 64.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
24.0	18.6			16.6																						
26.0	17.5			16.4			15.8			14.7																
28.0	16.4			16.2			15.7			14.6			12.6													
30.0	15.5			15.8			15.5			14.4			12.5			10.0										
32.0	14.6			14.9			15.2			14.3			12.4			9.9			7.8			5.4				
34.0	13.9	14.8		14.1			14.4			14.2			12.3			9.9			7.8			5.3			3.8	
36.0	13.2	14.0		13.4	14.5		13.6			13.8			12.2			9.8			7.7			5.3			3.7	
38.0	12.5	13.3		12.7	13.8		12.9	13.7		13.1			12.1			9.7			7.7			5.2			3.7	
40.0	12.0	12.7		12.1	13.1		12.3	13.1		12.5	12.7		12.0			9.7			7.6			5.2			3.7	
42.0	11.4	12.1	12.7	11.6	12.5		11.7	12.5		11.9	12.2		11.9	10.7		9.6			7.6			5.2			3.6	
44.0	10.9	11.5	12.1	11.1	11.9		11.2	12.0		11.4	11.6		11.5	10.2		9.5	9.0		7.5			5.2			3.6	
46.0	10.5	11.0	11.5	10.6	11.4	12.1	10.7	11.6		10.9	11.2		11.0	9.8		9.5	8.6		7.5	7.5		5.2			3.6	
48.0	10.1	10.6	11.0	10.2	10.9	11.5	10.3	11.1	10.2	10.4	10.7		10.6	9.3		9.4	8.2		7.4	7.2		5.2	5.3		3.6	
50.0	9.7	10.1	10.6	9.8	10.4	11.0	9.9	10.7	9.8	10.0	10.3	9.1	10.1	9.0		9.4	7.9		7.4	6.9		5.2	5.2		3.5	
54.0	9.0	9.4	9.8	9.1	9.6	10.1	9.2	9.9	9.1	9.3	9.5	8.4	9.4	8.2	7.0	9.0	7.2		7.3	6.3		5.2	4.8		3.5	2.8
58.0	8.4	8.8	9.1	8.5	9.0	9.4	8.6	9.2	8.4	8.7	8.8	7.7	8.8	7.6	6.4	8.4	6.7	5.3	7.0	5.7		5.1	4.2		3.4	2.2
62.0		8.3	8.5	8.1	8.4	8.8	8.1	8.6	7.8	8.2	8.2	7.1	8.3	7.1	5.9	7.8	6.1	4.8	6.4	5.3	3.8	4.7	3.6	2.7	3.0	1.7
66.0			8.1		8.1	8.3		8.2	7.3		7.6	6.6		6.6	5.4		5.7	4.4		4.7	3.4	4.2	3.1	2.3	2.7	
70.0									6.9		7.2	6.2		6.2	5.0		5.3	4.0		4.2	3.1		2.7	1.9		
74.0												5.5			4.5			3.7		3.8	2.8		2.4	1.6		
78.0																		3.1			2.3					
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 59	8 to 56	8 to 64	8 to 51	8 to 64	8 to 59	8 to 38	8 to 63	8 to 33	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Luffing Jib

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 70.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	15.9			14.9																				
28.0	15.7			14.8			13.8																	
30.0	15.2			14.6			13.6			12.2														
32.0	14.3			14.5			13.5			12.2			10.6			8.4								
34.0	13.6			13.8			13.4			12.1			10.5			8.4			6.3					
36.0	12.9	13.7		13.1			13.3			12.0			10.4			8.3			6.3			4.5		
38.0	12.2	13.0		12.4	13.2		12.6			11.9			10.4			8.3			6.2			4.5		
40.0	11.6	12.3		11.8	12.7		12.0	12.3		11.5			10.3			8.2			6.2			4.4		
42.0	11.1	11.7		11.2	12.1		11.4	11.8		11.0	10.8		10.2			8.1			6.1			4.3		
44.0	10.6	11.2		10.7	11.5		10.9	11.3		10.5	10.4		10.1			8.1			6.1			4.3		
46.0	10.1	10.7	11.2	10.2	11.0		10.4	10.8		10.0	10.0		10.1	8.6		8.0			6.1			4.3		
48.0	9.7	10.2	10.7	9.8	10.5	10.3	9.9	10.4		9.6	9.6		9.7	8.2		8.0	7.0		6.1			4.2		
50.0	9.3	9.8	10.2	9.4	10.0	9.9	9.5	10.0	9.1	9.2	9.2		9.3	7.9		8.0	6.7		6.1	6.1		4.2		
54.0	8.5	9.0	9.4	8.6	9.2	9.2	8.8	9.3	8.4	8.5	8.5	7.4	8.6	7.3		7.9	6.2		6.0	5.9		4.1	4.2	
58.0	7.9	8.3	8.6	8.0	8.5	8.6	8.1	8.6	7.8	7.9	7.9	6.8	8.0	6.7	5.5	7.3	5.7		6.0	5.4		4.0	3.9	
62.0	7.4	7.7	8.0	7.5	7.9	8.1	7.6	8.1	7.2	7.3	7.3	6.3	7.4	6.2	5.0	6.9	5.2	3.9	6.0	4.9	3.4	4.0	3.4	
66.0	7.0	7.3	7.5	7.1	7.4	7.6	7.1	7.6	6.7	6.9	6.8	5.8	7.0	5.8	4.6	6.4	4.8	3.5	5.6	4.5	3.0	4.0	2.9	2.0
70.0		6.9	7.1		7.0	7.3		7.1	6.3		6.4	5.4	6.6	5.4	4.2	6.1	4.5	3.2	5.1	4.0	2.7	3.6	2.5	1.6
74.0						6.8		6.8	5.9		6.0	5.0		5.0	3.9		4.1	2.9		3.6	2.4		2.1	
78.0												4.5			3.4		3.9	2.5		3.2	2.0		1.8	
82.0															2.9			2.0			1.5			
θ (°)	8 to 61	8 to 57	8 to 45	8 to 60	8 to 54	8 to 50	8 to 58	8 to 61	8 to 46	8 to 57	8 to 57	8 to 51	8 to 65	8 to 54	8 to 59	8 to 63	8 to 61	8 to 51	8 to 62	8 to 57	8 to 47	8 to 60	8 to 54	8 to 25
Standard hook block	35t									12.2t														
Hook block weight	950kg									440kg														
Standard number of parts of line	2									1														

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 76.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
28.0	12.8																				
30.0	12.7			12.1			11.5														
32.0	12.5			12.0			11.4			10.3											
34.0	12.2			11.7			11.2			10.2			8.9								
36.0	11.9			11.4			10.9			10.1			8.8			6.9			5.1		
38.0	11.5			11.1			10.7			10.0			8.8			6.9			5.0		
40.0	11.1	11.6		10.7			10.4			9.9			8.7			6.8			5.0		
42.0	10.6	11.1		10.2	10.5		10.1			9.7			8.6			6.8			5.0		
44.0	10.1	10.7		9.7	10.1		9.8	9.7		9.5			8.6			6.7			5.0		
46.0	9.6	10.2		9.3	9.8		9.4	9.3		9.2	8.3		8.5			6.7			5.0		
48.0	9.2	9.7		8.9	9.4		9.0	9.0		9.0	8.0		8.3	6.7		6.7			4.9		
50.0	8.8	9.3	9.6	8.5	9.1		8.6	8.6		8.7	7.7		8.0	6.4		6.6	5.5		4.9		
54.0	8.0	8.5	8.8	7.8	8.3	7.9	7.9	8.0		8.0	7.1		7.4	5.9		6.5	5.0		4.8	4.8	
58.0	7.4	7.8	8.1	7.2	7.6	7.3	7.3	7.5	6.6	7.3	6.5	5.5	6.9	5.4		6.3	4.6		4.7	4.3	
62.0	6.8	7.2	7.5	6.6	7.1	6.9	6.7	7.0	6.1	6.8	6.1	5.0	6.5	5.0	3.8	5.8	4.2		4.7	3.9	
66.0	6.4	6.6	6.9	6.2	6.5	6.5	6.2	6.5	5.7	6.3	5.6	4.6	6.1	4.6	3.4	5.5	3.8	2.5	4.7	3.6	2.1
70.0	6.0	6.2	6.4	5.8	6.1	6.1	5.9	6.1	5.3	5.9	5.3	4.3	5.7	4.2	3.1	5.1	3.5	2.2	4.7	3.2	1.8
74.0		5.9	6.0		5.8	5.8	5.6	5.8	4.9	5.6	4.9	3.9	5.4	3.9	2.8	4.8	3.2	2.0	4.3	2.9	1.5
78.0			5.8		5.5	5.5		5.5	4.5		4.6	3.6		3.7	2.5		3.0	1.7		2.6	
82.0									3.9		4.3	3.0		3.4	2.0		2.7			2.4	
86.0															1.5					2.0	
θ (°)	8 to 58	8 to 53	8 to 51	8 to 57	8 to 60	8 to 46	8 to 64	8 to 56	8 to 51	8 to 62	8 to 64	8 to 47	8 to 61	8 to 60	8 to 52	8 to 60	8 to 56	8 to 34	8 to 59	8 to 65	8 to 27
Standard hook block	35t			12.2t																	
Hook block weight	950kg			440kg																	
Standard number of parts of line	2			1																	

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	25.8																										
18.0	22.8			23.1																							
20.0	20.6			20.6			20.5																				
22.0	18.9			19.0			19.1			18.9			18.2														
24.0	17.4	19.1		17.5			17.7			17.7			17.8														
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2					
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8		
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7		
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6		
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	15.4		13.2			12.2			9.8			7.5		
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	14.5		12.6	14.4		11.9			9.7			7.4		
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	13.5	11.1	12.7		11.6	13.7		11.9	13.9		11.5	12.2		9.6			7.4		
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	12.7	10.4	11.9	13.4	10.9	12.8		11.3	13.2		11.1	11.4		9.5	9.0		7.3		
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.8	9.8	11.2	12.6	10.3	12.1		10.6	12.6		10.6	10.7		9.3	8.4		7.2		
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	11.1	9.2	10.5	11.8	9.7	11.4	12.9	10.1	12.0		10.1	10.1		9.0	7.9		6.8	6.0	
46.0		8.8	9.3		9.2	9.9	8.6	9.5	10.5	8.7	9.9	11.1	9.1	10.7	12.2	9.5	11.3	10.5	9.6	9.5		8.5	7.4		6.4	5.6	
48.0		8.3	8.8		8.6	9.3		9.0	9.8		9.4	10.4		10.1	11.5		10.7	9.9	9.2	9.0	8.2	8.1	7.0		6.1	5.2	
50.0						8.8		8.5	9.3		8.8	9.8		9.5	10.8		10.1	9.3		8.5	7.7		6.6		5.7	4.9	
54.0									8.3			8.8		8.5	9.6		9.1	8.3		7.6	6.9		5.9	5.1		4.3	3.7
58.0															8.6			7.5			6.1		5.3	4.5		3.8	3.2
62.0																					5.5			3.9			2.7
66.0																											2.3
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2																		1					

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	18.8																										
20.0	17.2			17.1																							
22.0	15.8			15.8			15.8																				
24.0	14.6			14.6			14.7			14.6																	
26.0	13.5			13.5			13.7			13.7			13.9			12.8											
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5					
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4			6.2		
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3			6.1		
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2			6.1		
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1			6.0		
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	11.6		9.9			9.5			8.1			6.0		
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	11.0		9.4	10.9		9.1	10.2		8.0			5.9		
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	10.3		8.8	10.4		8.7	9.9		7.9			5.9		
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	9.8	8.2	9.7		8.4	9.9		8.3	9.6		7.7	7.8		5.9		
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	9.2	7.8	9.1	10.4	7.9	9.4		7.9	9.2		7.5	7.3		5.9	5.4	
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	8.7	7.3	8.6	9.8	7.5	8.9		7.6	8.9		7.2	6.9		5.8	5.1	
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.7	6.5	7.3	8.2	6.9	8.1	9.2	7.1	8.4	8.8	7.2	8.4		7.0	6.5		5.6	4.7	
54.0		5.9	6.2		6.1	6.5		6.3	6.9		6.6	7.3		7.2	8.2		7.5	8.1	6.5	7.6	6.8	6.5	5.8	4.9	5.0	4.2	
58.0									6.2		5.9	6.5		6.4	7.3		6.7	7.5		6.8	6.1		5.2	4.3		3.6	2.9
62.0												5.9			6.5			6.7		6.2	5.4		4.6	3.8		3.2	2.4
66.0																		6.1			4.9			3.4			2.0
70.0																								3.0			1.6
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 59	8 to 60	8 to 52	8 to 50
Standard hook block	35t																		12.2t								
Hook block weight	950kg																		440kg								
Standard number of parts of line	2																		1								

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	20.9			19.1																							
24.0	19.9			18.8			16.8																				
26.0	18.8			18.1			16.6			16.4			14.5														
28.0	17.6			17.3			16.3			16.1			14.4			11.8											
30.0	16.7			16.4			16.1			15.7			14.2			11.7			9.4			7.0					
32.0	15.7	16.8		15.6			15.4			15.3			14.1			11.7			9.3			6.9			4.9		
34.0	14.8	15.8		14.8	16.0		14.7			14.7			13.8			11.6			9.3			6.9			4.9		
36.0	14.0	15.0		14.0	15.2		14.0	15.1		14.1			13.5			11.5			9.2			6.8			4.8		
38.0	13.3	14.1		13.3	14.4		13.3	14.5		13.5	14.3		13.1	13.9		11.4			9.1			6.7			4.8		
40.0	12.6	13.4	14.1	12.7	13.7		12.7	13.9		12.9	13.7		12.6	13.3		11.3	11.4		9.1			6.7			4.7		
42.0	12.0	12.7	13.4	12.0	13.0	13.8	12.1	13.2		12.4	13.2		12.2	12.7		11.1	11.4		9.0			6.7			4.6		
44.0	11.4	12.1	12.7	11.5	12.3	13.1	11.5	12.6	12.9	11.8	12.6		11.7	12.2		10.9	11.3		9.0	8.9		6.6			4.6		
46.0	10.8	11.5	12.0	10.9	11.7	12.5	11.0	12.0	12.4	11.3	12.1		11.3	11.7		10.6	11.0		8.9	8.8		6.6	6.7		4.6		
48.0	10.3	10.9	11.4	10.4	11.2	11.9	10.5	11.5	11.9	10.8	11.7	10.6	10.8	11.2		10.4	10.5		8.9	8.5		6.6	6.4		4.6		
50.0	9.8	10.4	10.9	9.9	10.7	11.3	10.0	10.9	11.5	10.3	11.2	10.2	10.4	10.8	9.4	10.1	10.1		8.9	8.0		6.6	6.0		4.6	4.2	
54.0	9.0	9.5	9.9	9.1	9.7	10.3	9.2	10.0	10.7	9.4	10.4	9.5	9.6	9.8	8.3	9.4	9.3	8.0	8.2	7.1		6.3	5.3		4.5	3.6	
58.0		8.7	9.1		8.9	9.4		9.1	9.8		9.6	8.8	8.8	8.9	7.4	8.8	8.3	7.1	7.5	6.4	5.6	5.8	4.7	3.8	4.0	3.1	
62.0						8.6		8.4	9.0		8.8	8.2		8.1	6.6		7.5	6.4		5.7	5.0		4.1	3.3		2.7	1.6
66.0												7.6			6.0		6.9	5.7		5.2	4.4		3.7	2.8		2.3	
70.0															5.4			5.1			3.9		3.2	2.4		2.0	
74.0																					3.5			2.1			
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 59	8 to 58	8 to 67	8 to 50	8 to 57	8 to 60	8 to 23
Standard hook block	35t															12.2t											
Hook block weight	950kg															440kg											
Standard number of parts of line	2															1											

Counterweight 138t, outrigger extension width 8.5m
Boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
24.0	16.5			15.4																						
26.0	15.6			15.0			14.6			13.8																
28.0	14.8			14.4			14.1			13.4																
30.0	13.9			13.7			13.5			13.0			12.0			9.9										
32.0	13.1			13.0			12.9			12.5			11.7			9.8			7.9			5.7				
34.0	12.4	13.2		12.4			12.3			12.0			11.4			9.8			7.8			5.7			4.0	
36.0	11.7	12.5		11.7	12.7		11.7			11.6			11.0			9.7			7.8			5.6			4.0	
38.0	11.1	11.8		11.1	12.0		11.1	12.2		11.1			10.7			9.6			7.7			5.5			3.9	
40.0	10.5	11.2		10.5	11.4		10.6	11.6		10.6	11.6		10.3			9.4			7.7			5.4			3.9	
42.0	9.9	10.6	11.1	10.0	10.8		10.1	11.0		10.1	11.1		9.9	10.6		9.2			7.6			5.4			3.9	
44.0	9.4	10.0	10.5	9.5	10.3		9.6	10.5		9.6	10.7		9.5	10.1		8.9	9.4		7.6			5.4			3.8	
46.0	9.0	9.5	10.0	9.0	9.8	10.4	9.1	10.0		9.2	10.2		9.1	9.7		8.7	9.1		7.5	7.6		5.4			3.8	
48.0	8.5	9.0	9.5	8.6	9.3	9.9	8.7	9.5	10.3	8.8	9.7		8.8	9.3		8.4	8.7		7.5	7.5		5.4	5.5		3.7	
50.0	8.1	8.6	9.0	8.2	8.8	9.4	8.3	9.1	9.8	8.4	9.3	9.5	8.4	9.0		8.2	8.4		7.5	7.4		5.4	5.4		3.7	
54.0	7.4	7.8	8.2	7.5	8.0	8.5	7.6	8.3	8.9	7.7	8.5	8.8	7.7	8.3	7.1	7.6	7.7		7.1	6.8		5.4	5.1		3.7	3.2
58.0	6.7	7.1	7.4	6.8	7.3	7.8	6.9	7.5	8.1	7.0	7.8	8.1	7.1	7.7	6.6	7.1	7.1	5.8	6.8	6.2		5.3	4.5		3.6	2.7
62.0		6.5	6.8	6.3	6.7	7.1	6.4	6.9	7.4	6.4	7.1	7.5	6.5	7.2	6.1	6.6	6.6	5.4	6.4	5.6	4.4	5.1	4.0	3.1	3.4	2.2
66.0			6.2		6.1	6.5		6.3	6.8		6.5	7.0		6.7	5.7		6.2	4.9		5.0	4.0	4.6	3.5	2.6	3.0	1.7
70.0									6.2		6.0	6.5		6.2	5.3		5.8	4.5		4.5	3.6		3.1	2.2		
74.0												6.0			4.8			4.2		4.1	3.3		2.7	1.9		
78.0																		3.8			2.9			1.6		
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 59	8 to 56	8 to 64	8 to 51	8 to 64	8 to 59	8 to 46	8 to 63	8 to 39	
Standard hook block	35t												12.2t													
Hook block weight	950kg												440kg													
Standard number of parts of line	2												1													

Luffing Jib

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	69.7			67.0			58.6														
16.0	63.5	65.0		60.2			57.0			53.7											
18.0	57.6	58.8		54.7	55.1		52.0			49.1			45.7			39.0					
20.0	42.2	53.7	54.4	44.8	50.4		47.1	47.2		45.2			41.6			36.5			30.5		
22.0		49.5	50.0		46.5			43.5		41.9	38.6		38.4			33.6			28.1		
24.0			45.9		43.2	41.8		40.3			35.5			31.9					24.1		
26.0						39.0		37.7	35.3		33.1			29.4			25.8				
28.0									32.9			28.4		27.4			22.1				
30.0												23.8			21.4		20.3			17.7	
32.0															19.6						
34.0																		16.3			
36.0																					13.8
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	46.3	47.0		43.6	43.6		41.0			36.8			31.9			22.5								
22.0	42.8	43.5		40.4	40.4		38.1	37.2		35.8			31.5			22.1			17.8			13.7		
24.0	39.8	40.4	40.7	37.7	37.6		35.5	34.7		33.5	32.1		30.9			21.7			17.7			13.7		
26.0	37.2	37.7	37.9	35.3	35.1	34.7	33.3	32.5		31.4	30.1		29.1			21.3			17.4			13.7		
28.0	34.4	35.4	35.6	33.2	33.0	32.5	31.4	30.5		29.6	28.3		27.5	25.7		21.0			17.1			13.5		
30.0	28.6	33.3	33.5	31.3	31.1	30.6	29.6	28.7	27.9	28.0	26.7		26.0	22.4		20.7	19.6		16.9			13.3		
32.0		31.5	31.6	24.9	29.4	28.9	28.1	27.2	26.3	26.6	23.4	21.6	22.7	20.3		19.6	18.1		16.1	15.3		13.2		
34.0		24.9	29.3		27.9	27.4		25.8	23.8		21.3	20.0	21.2	19.0	17.8	18.5	16.9		15.1	14.2		12.9	11.7	
36.0			27.3		26.5	25.6		23.0	21.7		20.0	18.7		17.7	16.5		15.7			13.2		11.8	10.9	
38.0						23.0		22.2	20.4		19.0	17.5		16.7	15.4		14.7	13.5		12.3			10.1	
40.0									19.3			16.4		15.8	14.4		13.8	12.6		11.5	11.0		9.4	
42.0												15.5			13.5		13.0	11.8		10.8	10.3		8.8	
44.0															12.7			11.0			9.6		8.2	7.6
46.0																		10.4			9.0			7.1
48.0																					8.4			6.6
50.0																								6.2
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	40.8		37.9	39.3		37.0			34.0			28.7			20.9			17.0								
24.0	34.4	38.0		35.4	36.6		34.6	33.7		32.7			28.4			20.5			16.5			13.0			9.2		
26.0	31.4	35.0	37.1	32.3	34.2		32.4	31.6		30.7	29.3		27.7			20.2			16.2			12.8			9.0		
28.0	28.9	31.9	34.8	29.6	32.1	31.7	30.4	29.6		28.9	27.6		25.3	22.1		19.9			16.1			12.7			8.7		
30.0	26.7	29.3	31.9	27.3	30.3	29.8	28.0	28.0	27.1	27.3	24.9		21.6	20.4		19.6	19.5		15.9			12.6			8.6		
32.0	24.2	27.1	29.3	25.4	28.5	28.2	26.0	26.4	25.4	25.9	21.5	19.8	20.4	19.0		19.2	18.0		15.8	15.1		12.6			8.5		
34.0		25.2	27.1	21.2	26.4	26.1	22.5	23.3	21.9	23.1	20.1	18.4	19.4	17.7		18.4	16.8		15.2	14.0		12.5	11.6		8.5		
36.0		21.2	25.1		24.6	22.9		22.0	20.5		18.9	17.1	18.7	16.5	15.7	17.4	15.7		14.1	13.1		11.9	10.7		8.5		
38.0			22.9		21.4	21.7		20.9	19.2		17.9	16.0		15.5	14.6		14.7	13.4		12.2			10.0		8.5	8.0	
40.0						20.8			18.1		17.0	15.0		14.6	13.6		13.8	12.5		11.4			9.3			7.4	
42.0									17.3			14.2		13.9	12.7		13.0	11.7		10.7	10.1		8.7			6.9	
44.0												13.4			11.9			11.0		10.1	9.5		8.1	7.5		6.4	
46.0															11.2			10.3			8.9		7.6	7.0		6.0	
48.0																		9.7			8.3			6.5			5.0
50.0																					7.8			6.1			4.7
54.0																											4.0
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	20.4		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	20.2	16.9	19.2		16.0	18.2		17.4	19.9		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	18.8	15.8	17.9	19.9	15.1	17.2		16.4	19.0		15.8	16.4		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	17.5	14.8	16.7	18.6	14.2	16.2	17.9	15.4	17.9		15.2	15.8		13.8	13.2		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	16.3	13.9	15.7	17.3	13.5	15.3	16.9	14.5	16.8		14.5	14.8		13.5	12.3		10.7	9.9		8.4		
40.0		13.5	14.4		14.1	15.3	13.1	14.7	16.2	12.7	14.4	16.0	13.7	15.8	14.5	13.7	13.9		12.6	11.5		10.3	9.2		7.9	7.2	
42.0		12.8	13.5		13.2	14.3		13.8	15.2		13.7	15.1		14.9	13.6	13.0	13.1	11.8	11.9	10.8		9.7	8.6		7.4	6.7	
44.0					12.5	13.5		13.0	14.3		12.9	14.3		14.1	12.8		12.4	11.1		10.2			8.1		7.0	6.2	
46.0						12.7			13.4		12.3	13.6		13.4	12.1		11.7	10.4		9.6	8.9		7.6			5.8	
48.0									12.7			12.9		12.7	11.4		11.1	9.8		9.1	8.4		7.1	6.4		5.5	
50.0												12.2			10.8			9.2		8.6	7.9		6.7	6.0		5.1	4.5
54.0																		8.3			7.0			5.3			3.9
58.0																								4.6			3.4
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3						2												1					

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	36.7																										
18.0	35.8			30.8																							
20.0	35.1			30.2			23.7																				
22.0	34.3			29.7			23.2			18.5			17.9														
24.0	33.2			29.2			22.8			18.2			17.6														
26.0	31.2	31.4		28.7			22.4			17.9			17.4			14.9			12.9			10.1					
28.0	29.4	29.5		27.6	27.1		22.0			17.7			17.1			14.8			12.8			10.0			7.7		
30.0	27.8	27.9		26.1	25.6		21.7	21.8		17.4			16.9			14.6			12.7			9.9			7.5		
32.0	26.4	26.4	26.3	24.8	24.0		21.4	21.5		17.2	17.3		16.6			14.4			12.5			9.8			7.5		
34.0	25.1	25.1	25.0	23.4	23.1	22.5	21.1	21.1		17.0	17.1		16.4	16.6		14.3			12.3			9.7			7.4		
36.0	23.9	23.9	23.8	22.5	22.0	21.4	20.8	20.2		16.8	16.9		16.2	16.2		14.2	14.2		12.2			9.6			7.3		
38.0	22.1	22.8	22.7	21.6	21.0	20.4	20.3	19.3	18.4	16.6	16.6		16.1	15.2		14.1	13.6		12.2	11.8		9.6			7.2		
40.0	19.7	21.8	21.7	20.7	20.1	19.5	19.4	18.4	17.5	16.4	16.0	14.8	15.9	14.3		14.0	13.0		11.9	11.1		9.5	8.7		7.1		
42.0	17.0	20.8	20.7	19.3	19.2	18.7	18.7	17.6	16.8	16.3	15.3	13.8	15.5	13.5	11.8	13.9	12.4		11.4	10.4		9.1	8.1		6.9	6.1	
44.0	14.4	19.1	19.6	16.7	18.4	17.9	17.9	16.9	16.0	16.1	14.4	13.0	15.0	12.7	11.1	13.5	11.9		10.8	9.7		8.7	7.6		6.5	5.6	
46.0		16.8	18.5		17.7	17.1	16.0	16.2	15.3	15.5	13.7	12.2	14.3	12.0	10.4	12.9	11.4	10.1	10.3	9.2		8.2	7.1		6.1	5.3	
48.0		13.9	17.4		17.1	16.1		15.6	14.5		13.0	11.5		11.3	9.8		10.8	9.5	9.8	8.6	7.9	7.7	6.7		5.7	4.9	
50.0						15.2		15.1	13.7		12.4	10.9		10.8	9.2		10.2	9.0		8.1	7.4		6.3	5.4	5.4	4.6	
54.0									12.4			9.8		9.8	8.2		9.2	7.9		7.3	6.5		5.5	4.7		4.0	3.3
58.0															7.4			7.1			5.8		4.9	4.1		3.5	2.8
62.0																					5.2			3.6			2.4
66.0																											2.0
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3			2															1					

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	29.8																										
20.0	29.2			22.3																							
22.0	27.8			21.9			19.6																				
24.0	25.4			21.5			19.3			14.8			16.0														
26.0	23.5			21.1			18.9			14.7			15.9			13.8											
28.0	22.2	24.5		20.7			18.6			14.6			15.7			13.7			11.2			8.6					
30.0	21.0	22.3		20.4	20.4		18.4			14.5			15.6			13.6			11.1			8.5			6.1		
32.0	19.8	21.1		19.5	20.1		18.1	18.1		14.5			15.5			13.5			11.0			8.4			6.0		
34.0	18.8	19.9		18.6	19.5		17.9	17.9		14.4	14.4		15.3			13.4			10.9			8.3			6.0		
36.0	17.8	18.9	19.8	17.7	19.0		17.5	17.6		14.3	14.3		15.2	14.8		13.3			10.8			8.2			6.0		
38.0	16.9	17.9	18.8	16.9	18.1	18.6	16.8	17.4		14.3	14.2		15.1	14.1		13.2			10.8			8.2			6.0		
40.0	16.1	17.0	17.9	16.1	17.2	17.8	16.1	16.7	15.8	14.2	14.2		15.0	13.5		13.0	11.8		10.7	10.8		8.1			5.9		
42.0	15.3	16.2	17.0	15.3	16.4	17.0	15.3	16.0	15.1	14.2	14.1		14.5	13.0		12.9	11.3		10.6	10.2		8.0			5.8		
44.0	14.6	15.4	16.1	14.6	15.7	16.3	14.7	15.4	14.5	14.1	13.9	12.8	14.0	12.4		12.5	10.8		10.4	9.7		8.0	7.5		5.8		
46.0	13.9	14.7	15.4	14.0	15.0	15.7	14.1	14.8	13.9	13.6	13.3	12.2	13.5	11.9	10.7	12.1	10.4		10.2	9.1		7.9	7.0		5.8	5.1	
48.0	13.2	14.0	14.7	13.4	14.3	15.1	13.5	14.2	13.4	13.2	12.8	11.8	13.0	11.5	10.2	11.7	10.0		9.7	8.6		7.7	6.6		5.6	4.7	
50.0	11.8	13.4	14.0	12.8	13.7	14.5	12.9	13.7	12.8	12.7	12.3	11.3	12.6	11.0	9.8	11.3	9.6	8.2	9.2	8.1		7.3	6.2		5.3	4.4	
54.0		11.6	12.8		12.6	13.1		12.8	11.8		11.5	10.5		10.3	9.0		8.9	7.6	8.4	7.3	6.5	6.6	5.5	4.6	4.7	3.8	
58.0									10.6		10.8	9.3		9.6	8.0		8.3	6.6		6.5	5.7		4.8	4.0		3.3	2.4
62.0												8.2			7.0			5.7		5.9	5.1		4.3	3.5		2.9	1.9
66.0																		5.0			4.5			3.0			1.5
70.0																								2.6			
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 59	8 to 60	8 to 52	8 to 39
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2															1								

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
20.0	21.8																									
22.0	20.4			19.9																						
24.0	19.1			19.5			17.5																			
26.0	18.0			18.3			17.3			16.7			14.6													
28.0	16.9			17.2			17.1			16.5			14.4			11.8										
30.0	16.0	17.1		16.3			16.6			16.3			14.3			11.7			9.3			6.7				
32.0	15.2	16.2		15.4	16.8		15.7			16.0			14.2			11.6			9.2			6.7		4.7		
34.0	14.4	15.3		14.6	15.9		14.9			15.1			14.0			11.5			9.1			6.6		4.6		
36.0	13.7	14.6		13.9	15.1		14.2	15.6		14.4			13.9			11.4			9.0			6.6		4.6		
38.0	13.1	13.9		13.3	14.3		13.5	14.8		13.7	14.2		13.8	13.5		11.3			9.0			6.6		4.6		
40.0	12.5	13.2	13.9	12.7	13.6		12.9	14.1		13.1	13.5		13.2	12.9		11.2			8.9			6.5		4.5		
42.0	12.0	12.7	13.2	12.2	13.0	13.8	12.3	13.4		12.5	12.9		12.7	12.3		11.1	10.9		8.8			6.5		4.4		
44.0	11.5	12.1	12.7	11.7	12.5	13.2	11.8	12.8	12.7	12.0	12.4		12.1	11.7		11.0	10.4		8.8	8.7		6.4		4.3		
46.0	11.1	11.6	12.1	11.2	12.0	12.6	11.4	12.3	12.1	11.5	11.9	10.8	11.6	11.2		11.0	10.0		8.7	8.5		6.4	6.4		4.3		
48.0	10.7	11.2	11.6	10.8	11.5	12.1	10.9	11.8	11.6	11.1	11.4	10.3	11.2	10.8		10.8	9.6		8.7	8.1		6.4	6.0		4.3		
50.0	10.3	10.8	11.2	10.4	11.0	11.6	10.6	11.3	11.2	10.7	11.0	9.9	10.8	10.3	9.0	10.4	9.2		8.6	7.6		6.4	5.7		4.3	3.8	
54.0	9.8	10.1	10.4	9.8	10.3	10.8	9.9	10.5	10.4	10.0	10.2	9.1	10.1	9.5	8.0	9.7	8.4	7.0	7.9	6.8		6.0	4.9		4.2	3.2	
58.0		9.6	9.9		9.8	10.1		9.9	9.5		9.5	8.2	9.6	8.5	7.1	9.2	7.8	6.1	7.1	6.0	5.0	5.4	4.3	3.4	3.6	2.7	
62.0						9.6		9.5	8.3		8.8	7.2		7.7	6.2		7.2	5.2		5.4	4.1		3.8	2.9		2.3	
66.0												6.3			5.4		6.4	4.4		4.8	3.4		3.3	2.5		1.8	
70.0															4.6			3.7			2.8		2.9	2.1		1.5	
74.0																					2.2			1.6			
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 59	8 to 58	8 to 67	8 to 50	8 to 57	8 to 60	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 64.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
24.0	18.6			16.6																						
26.0	17.5			16.4			15.8			14.7																
28.0	16.4			16.2			15.7			14.6			12.6													
30.0	15.5			15.8			15.5			14.4			12.5			10.0										
32.0	14.6			14.9			15.2			14.3			12.4			9.9			7.8			5.4				
34.0	13.9	14.8		14.1			14.4			14.2			12.3			9.9			7.8			5.3		3.8		
36.0	13.2	14.0		13.4	14.5		13.6			13.8			12.2			9.8			7.7			5.3		3.7		
38.0	12.5	13.3		12.7	13.8		12.9	13.7		13.1			12.1			9.7			7.7			5.2		3.7		
40.0	12.0	12.7		12.1	13.1		12.3	13.1		12.5	12.7		12.0			9.7			7.6			5.2		3.7		
42.0	11.4	12.1	12.7	11.6	12.5		11.7	12.5		11.9	12.2		11.9	10.7		9.6			7.6			5.2		3.6		
44.0	10.9	11.5	12.1	11.1	11.9		11.2	12.0		11.4	11.6		11.5	10.2		9.5	9.0		7.5			5.2		3.6		
46.0	10.5	11.0	11.5	10.6	11.4	12.1	10.7	11.6		10.9	11.2		11.0	9.8		9.5	8.6		7.5	7.5		5.2		3.6		
48.0	10.1	10.6	11.0	10.2	10.9	11.5	10.3	11.1	10.2	10.4	10.7		10.6	9.3		9.4	8.2		7.4	7.2		5.2	5.3		3.6		
50.0	9.7	10.1	10.6	9.8	10.4	11.0	9.9	10.7	9.8	10.0	10.3	9.1	10.1	9.0		9.4	7.9		7.4	6.9		5.2	5.2		3.5		
54.0	9.0	9.4	9.8	9.1	9.6	10.1	9.2	9.9	9.1	9.3	9.5	8.4	9.4	8.2	7.0	9.0	7.2		7.3	6.3		5.2	4.8		3.5	2.8	
58.0	8.4	8.8	9.1	8.5	9.0	9.4	8.6	9.2	8.4	8.7	8.8	7.7	8.8	7.6	6.3	8.4	6.7	5.1	7.0	5.7		5.1	4.2		3.4	2.2	
62.0		8.3	8.5	8.1	8.4	8.8	8.1	8.6	7.6	8.2	8.2	6.7	8.3	7.1	5.4	7.8	6.1	4.3	6.4	5.3	3.2	4.7	3.6	2.7	3.0	1.7	
66.0			8.1		8.1	8.0		7.9	6.6		7.4	5.8		6.4	4.5		5.5	3.5		4.7	2.5	4.2	3.1	2.0	2.7		
70.0									5.8		6.5	5.0		5.5	3.8		4.8	2.9		4.0	1.9		2.7	1.5			
74.0												4.3			3.2			2.3		3.3			2.4			
78.0																		1.7								
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 59	8 to 56	8 to 64	8 to 34	8 to 64	8 to 59	8 to 31	8 to 63	8 to 33	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Luffing Jib

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 70.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
26.0	15.9			14.9																			
28.0	15.7			14.8			13.8																
30.0	15.2			14.6			13.6			12.2													
32.0	14.3			14.5			13.5			12.2			10.6			8.4							
34.0	13.6			13.8			13.4			12.1			10.5			8.4			6.3				
36.0	12.9	13.7		13.1			13.3			12.0			10.4			8.3			6.3			4.5	
38.0	12.2	13.0		12.4	13.2		12.6			11.9			10.4			8.3			6.2			4.5	
40.0	11.6	12.3		11.8	12.7		12.0	12.3		11.5			10.3			8.2			6.2			4.4	
42.0	11.1	11.7		11.2	12.1		11.4	11.8		11.0	10.8		10.2			8.1			6.1			4.3	
44.0	10.6	11.2		10.7	11.5		10.9	11.3		10.5	10.4		10.1			8.1			6.1			4.3	
46.0	10.1	10.7	11.2	10.2	11.0		10.4	10.8		10.0	10.0		10.1	8.6		8.0			6.1			4.3	
48.0	9.7	10.2	10.7	9.8	10.5	10.3	9.9	10.4		9.6	9.6		9.7	8.2		8.0	7.0		6.1			4.2	
50.0	9.3	9.8	10.2	9.4	10.0	9.9	9.5	10.0	9.1	9.2	9.2		9.3	7.9		8.0	6.7		6.1	6.1		4.2	
54.0	8.5	9.0	9.4	8.6	9.2	9.2	8.8	9.3	8.4	8.5	8.5	7.4	8.6	7.3		7.9	6.2		6.0	5.9		4.1	4.2
58.0	7.9	8.3	8.6	8.0	8.5	8.6	8.1	8.6	7.8	7.9	7.9	6.8	8.0	6.7	5.5	7.3	5.7		6.0	5.4		4.0	3.9
62.0	7.4	7.7	8.0	7.5	7.9	8.1	7.6	8.1	7.2	7.3	7.3	6.2	7.4	6.2	4.8	6.9	5.2	3.5	6.0	4.9	2.9	4.0	3.4
66.0	7.0	7.3	7.5	7.1	7.4	7.5	7.1	7.6	6.3	6.9	6.8	5.3	7.0	5.8	4.0	6.4	4.8	2.8	5.6	4.4	2.2	4.0	2.9
70.0		6.9	7.1		7.0	6.6		6.8	5.5		6.1	4.6	6.6	5.1	3.3	6.1	4.1	2.2	5.1	3.7	1.6	3.6	2.5
74.0						5.8		5.9	4.7		5.3	3.9		4.3	2.7		3.5	1.7		3.1			2.1
78.0												3.2			2.2		2.9			2.5			1.8
82.0															1.7								
θ (°)	8 to 61	8 to 57	8 to 45	8 to 60	8 to 54	8 to 50	8 to 58	8 to 61	8 to 46	8 to 57	8 to 57	8 to 51	8 to 65	8 to 54	8 to 59	8 to 63	8 to 61	8 to 35	8 to 62	8 to 57	8 to 27	8 to 60	8 to 54
Standard hook block	35t									12.2t													
Hook block weight	950kg									440kg													
Standard number of parts of line	2									1													

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	25.8																										
18.0	22.8			23.1																							
20.0	20.6			20.6			20.5																				
22.0	18.9			19.0			19.1			18.9			18.2														
24.0	17.4	19.1		17.5			17.7			17.7			17.8														
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2					
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8		
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7		
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6		
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	15.4		13.2			12.2			9.8			7.5		
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	14.5		12.6	14.4		11.9			9.7			7.4		
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	13.5	11.1	12.7		11.6	13.7		11.9	13.9		11.5	12.2		9.6			7.4		
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	12.7	10.4	11.9	13.4	10.9	12.8		11.3	13.2		11.1	11.4		9.5	9.0		7.3		
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.8	9.8	11.2	12.6	10.3	12.1		10.6	12.6		10.6	10.7		9.3	8.4		7.2		
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	11.1	9.2	10.5	11.8	9.7	11.4	12.9	10.1	12.0		10.1	10.1		9.0	7.9		6.8	6.0	
46.0		8.8	9.3		9.2	9.9	8.6	9.5	10.5	8.7	9.9	11.1	9.1	10.7	12.2	9.5	11.3	10.5	9.6	9.5		8.5	7.4		6.4	5.6	
48.0		8.3	8.8		8.6	9.3		9.0	9.8		9.4	10.4		10.1	11.5		10.7	9.9	9.2	9.0	8.2	8.1	7.0		6.1	5.2	
50.0						8.8		8.5	9.3		8.8	9.8		9.5	10.8		10.1	9.3		8.5	7.7		6.6		5.7	4.9	
54.0									8.3			8.8		8.5	9.6		9.1	8.3		7.6	6.9		5.9	5.1		4.3	3.7
58.0															8.6			7.5			6.1		5.3	4.5		3.8	3.2
62.0																					5.5			3.9			2.7
66.0																											2.3
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2																		1					

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	18.8																										
20.0	17.2			17.1																							
22.0	15.8			15.8			15.8																				
24.0	14.6			14.6			14.7			14.6																	
26.0	13.5			13.5			13.7			13.7			13.9			12.8											
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5					
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4			6.2		
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3			6.1		
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2			6.1		
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1			6.0		
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	11.6		9.9			9.5			8.1			6.0		
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	11.0		9.4	10.9		9.1	10.2		8.0			5.9		
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	10.3		8.8	10.4		8.7	9.9		7.9			5.9		
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	9.8	8.2	9.7		8.4	9.9		8.3	9.6		7.7	7.8		5.9		
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	9.2	7.8	9.1	10.4	7.9	9.4		7.9	9.2		7.5	7.3		5.9	5.4	
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	8.7	7.3	8.6	9.8	7.5	8.9		7.6	8.9		7.2	6.9		5.8	5.1	
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.7	6.5	7.3	8.2	6.9	8.1	9.2	7.1	8.4	8.8	7.2	8.4		7.0	6.5		5.6	4.7	
54.0		5.9	6.2		6.1	6.5		6.3	6.9		6.6	7.3		7.2	8.2		7.5	8.1	6.5	7.6	6.8	6.5	5.8	4.9	5.0	4.2	
58.0									6.2		5.9	6.5		6.4	7.3		6.7	7.3		6.8	6.1		5.2	4.3		3.6	2.9
62.0												5.9			6.5			6.4		6.2	5.4		4.6	3.8		3.2	2.4
66.0																		5.6			4.9			3.4			2.0
70.0																								3.0			1.6
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 59	8 to 60	8 to 52	8 to 50
Standard hook block	35t																		12.2t								
Hook block weight	950kg																		440kg								
Standard number of parts of line	2																		1								

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	20.9			19.1																							
24.0	19.9			18.8			16.8																				
26.0	18.8			18.1			16.6			16.4			14.5														
28.0	17.6			17.3			16.3			16.1			14.4			11.8											
30.0	16.7			16.4			16.1			15.7			14.2			11.7			9.4			7.0					
32.0	15.7	16.8		15.6			15.4			15.3			14.1			11.7			9.3			6.9			4.9		
34.0	14.8	15.8		14.8	16.0		14.7			14.7			13.8			11.6			9.3			6.9			4.9		
36.0	14.0	15.0		14.0	15.2		14.0	15.1		14.1			13.5			11.5			9.2			6.8			4.8		
38.0	13.3	14.1		13.3	14.4		13.3	14.5		13.5	14.3		13.1	13.9		11.4			9.1			6.7			4.8		
40.0	12.6	13.4	14.1	12.7	13.7		12.7	13.9		12.9	13.7		12.6	13.3		11.3	11.4		9.1			6.7			4.7		
42.0	12.0	12.7	13.4	12.0	13.0	13.8	12.1	13.2		12.4	13.2		12.2	12.7		11.1	11.4		9.0			6.7			4.6		
44.0	11.4	12.1	12.7	11.5	12.3	13.1	11.5	12.6	12.9	11.8	12.6		11.7	12.2		10.9	11.3		9.0	8.9		6.6			4.6		
46.0	10.8	11.5	12.0	10.9	11.7	12.5	11.0	12.0	12.4	11.3	12.1		11.3	11.7		10.6	11.0		8.9	8.8		6.6	6.7		4.6		
48.0	10.3	10.9	11.4	10.4	11.2	11.9	10.5	11.5	11.9	10.8	11.7	10.6	10.8	11.2		10.4	10.5		8.9	8.5		6.6	6.4		4.6		
50.0	9.8	10.4	10.9	9.9	10.7	11.3	10.0	10.9	11.5	10.3	11.2	10.2	10.4	10.8	9.4	10.1	10.1		8.9	8.0		6.6	6.0		4.6	4.2	
54.0	9.0	9.5	9.9	9.1	9.7	10.3	9.2	10.0	10.7	9.4	10.4	9.5	9.6	9.8	8.3	9.4	9.3	8.0	8.2	7.1		6.3	5.3		4.5	3.6	
58.0		8.7	9.1		8.9	9.4		9.1	9.8		9.6	8.8	8.8	8.9	7.4	8.8	8.3	7.0	7.5	6.4	5.6	5.8	4.7	3.8	4.0	3.1	
62.0						8.6		8.4	8.9		8.8	7.7		8.1	6.6		7.5	6.1		5.7	4.8		4.1	3.3		2.7	1.6
66.0												6.8			6.0		6.9	5.3		5.2	4.1		3.7	2.8		2.3	
70.0															5.3			4.6			3.5		3.2	2.4		2.0	
74.0																					2.9			2.1			
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 59	8 to 58	8 to 67	8 to 50	8 to 57	8 to 60	8 to 23
Standard hook block	35t															12.2t											
Hook block weight	950kg															440kg											
Standard number of parts of line	2															1											

Counterweight 118t, outrigger extension width 8.5m
Boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
24.0	16.5			15.4																						
26.0	15.6			15.0			14.6			13.8																
28.0	14.8			14.4			14.1			13.4																
30.0	13.9			13.7			13.5			13.0			12.0			9.9										
32.0	13.1			13.0			12.9			12.5			11.7			9.8			7.9			5.7				
34.0	12.4	13.2		12.4			12.3			12.0			11.4			9.8			7.8			5.7			4.0	
36.0	11.7	12.5		11.7	12.7		11.7			11.6			11.0			9.7			7.8			5.6			4.0	
38.0	11.1	11.8		11.1	12.0		11.1	12.2		11.1			10.7			9.6			7.7			5.5			3.9	
40.0	10.5	11.2		10.5	11.4		10.6	11.6		10.6	11.6		10.3			9.4			7.7			5.4			3.9	
42.0	9.9	10.6	11.1	10.0	10.8		10.1	11.0		10.1	11.1		9.9	10.6		9.2			7.6			5.4			3.9	
44.0	9.4	10.0	10.5	9.5	10.3		9.6	10.5		9.6	10.7		9.5	10.1		8.9	9.4		7.6			5.4			3.8	
46.0	9.0	9.5	10.0	9.0	9.8	10.4	9.1	10.0		9.2	10.2		9.1	9.7		8.7	9.1		7.5	7.6		5.4			3.8	
48.0	8.5	9.0	9.5	8.6	9.3	9.9	8.7	9.5	10.3	8.8	9.7		8.8	9.3		8.4	8.7		7.5	7.5		5.4	5.5		3.7	
50.0	8.1	8.6	9.0	8.2	8.8	9.4	8.3	9.1	9.8	8.4	9.3	9.5	8.4	9.0		8.2	8.4		7.5	7.4		5.4	5.4		3.7	
54.0	7.4	7.8	8.2	7.5	8.0	8.5	7.6	8.3	8.9	7.7	8.5	8.8	7.7	8.3	7.1	7.6	7.7		7.1	6.8		5.4	5.1		3.7	3.2
58.0	6.7	7.1	7.4	6.8	7.3	7.8	6.9	7.5	8.1	7.0	7.8	8.1	7.1	7.7	6.6	7.1	7.1	5.8	6.8	6.2		5.3	4.5		3.6	2.7
62.0		6.5	6.8	6.3	6.7	7.1	6.4	6.9	7.4	6.4	7.1	7.3	6.5	7.2	5.8	6.6	6.6	5.0	6.4	5.6	3.8	5.1	4.0	3.1	3.4	2.2
66.0			6.2		6.1	6.5		6.3	6.8		6.5	6.4		6.7	5.0		6.2	4.2		5.0	3.2	4.6	3.5	2.6	3.0	1.7
70.0									6.2		6.0	5.6		6.0	4.3		5.4	3.5		4.5	2.6		3.1	2.1		
74.0												4.9			3.7			2.9		4.0	2.0		2.7	1.6		
78.0																		2.4			1.5					
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 59	8 to 56	8 to 64	8 to 51	8 to 64	8 to 59	8 to 38	8 to 63	8 to 39	
Standard hook block	35t												12.2t													
Hook block weight	950kg												440kg													
Standard number of parts of line	2												1													

Luffing Jib

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	69.7			67.0			58.6														
16.0	63.5	65.0		60.2			57.0			53.7											
18.0	57.6	58.8		54.7	55.1		52.0			49.1			45.7			39.0					
20.0	42.2	53.7	54.4	44.8	50.4		47.1	47.2		45.2			41.6			36.5			30.5		
22.0		49.5	49.6		46.5			43.5		41.9	38.6		38.4			33.6			28.1		
24.0			45.5		43.2	41.8		40.3			35.5			31.9					24.1		
26.0						39.0		37.7	35.3		33.1			29.4			25.8				
28.0									32.9			28.4		27.4			22.1				
30.0												23.8			21.4		20.3			17.7	
32.0															19.6						
34.0																		16.3			
36.0																					13.8
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	46.3	47.0		43.6	43.6		41.0			36.8			31.9			22.5								
22.0	42.8	43.5		40.4	40.4		38.1	37.2		35.8			31.5			22.1			17.8			13.7		
24.0	39.8	40.4	40.7	37.7	37.6		35.5	34.7		33.5	32.1		30.9			21.7			17.7			13.7		
26.0	37.2	37.7	37.9	35.3	35.1	34.7	33.3	32.5		31.4	30.1		29.1			21.3			17.4			13.7		
28.0	34.4	35.4	35.6	33.2	33.0	32.5	31.4	30.5		29.6	28.3		27.5	25.7		21.0			17.1			13.5		
30.0	28.6	33.3	33.5	31.3	31.1	30.6	29.6	28.7	27.9	28.0	26.7		26.0	22.4		20.7	19.6		16.9			13.3		
32.0		31.5	31.2	24.9	29.4	28.9	28.1	27.2	26.3	26.6	23.4	21.6	22.7	20.3		19.6	18.1		16.1	15.3		13.2		
34.0		24.9	28.9		27.9	27.1		25.8	23.8		21.3	20.0	21.2	19.0	17.8	18.5	16.9		15.1	14.2		12.9	11.7	
36.0			26.8		26.5	25.2		23.0	21.7		20.0	18.7		17.7	16.5		15.7			13.2		11.8	10.9	
38.0						23.0		22.2	20.4		19.0	17.5		16.7	15.4		14.7	13.5		12.3			10.1	
40.0									19.3			16.4		15.8	14.4		13.8	12.6		11.5	11.0		9.4	
42.0												15.5			13.5		13.0	11.8		10.8	10.3		8.8	
44.0															12.7			11.0			9.6		8.2	7.6
46.0																		10.4			9.0			7.1
48.0																					8.4			6.6
50.0																								6.2
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	40.8		37.9	39.3		37.0			34.0			28.7			20.9			17.0								
24.0	34.4	38.0		35.4	36.6		34.6	33.7		32.7			28.4			20.5			16.5			13.0			9.2		
26.0	31.4	35.0	37.1	32.3	34.2		32.4	31.6		30.7	29.3		27.7			20.2			16.2			12.8			9.0		
28.0	28.9	31.9	34.8	29.6	32.1	31.7	30.4	29.6		28.9	27.6		25.3	22.1		19.9			16.1			12.7			8.7		
30.0	26.7	29.3	31.9	27.3	30.3	29.8	28.0	28.0	27.1	27.3	24.9		21.6	20.4		19.6	19.5		15.9			12.6			8.6		
32.0	24.2	27.1	29.3	25.4	28.5	28.2	26.0	26.4	25.4	25.9	21.5	19.8	20.4	19.0		19.2	18.0		15.8	15.1		12.6			8.5		
34.0		25.2	27.1	21.2	26.4	26.1	22.5	23.3	21.9	23.1	20.1	18.4	19.4	17.7		18.4	16.8		15.2	14.0		12.5	11.6		8.5		
36.0		21.2	25.1		24.6	22.9		22.0	20.5		18.9	17.1	18.7	16.5	15.7	17.4	15.7		14.1	13.1		11.9	10.7		8.5		
38.0			22.9		21.4	21.7		20.9	19.2		17.9	16.0		15.5	14.6		14.7	13.4		12.2			10.0		8.5	8.0	
40.0						20.8			18.1		17.0	15.0		14.6	13.6		13.8	12.5		11.4			9.3			7.4	
42.0									17.3			14.2		13.9	12.7		13.0	11.7		10.7	10.1		8.7			6.9	
44.0												13.4			11.9			11.0		10.1	9.5		8.1	7.5		6.4	
46.0															11.2			10.3			8.9		7.6	7.0		6.0	
48.0																		9.7			8.3			6.5			5.0
50.0																					7.8			6.1			4.7
54.0																											4.0
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	20.4		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	20.2	16.9	19.2		16.0	18.2		17.4	19.9		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	18.8	15.8	17.9	19.9	15.1	17.2		16.4	19.0		15.8	16.4		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	17.5	14.8	16.7	18.6	14.2	16.2	17.9	15.4	17.9		15.2	15.8		13.8	13.2		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	16.3	13.9	15.7	17.3	13.5	15.3	16.9	14.5	16.8		14.5	14.8		13.5	12.3		10.7	9.9		8.4		
40.0		13.5	14.4		14.1	15.3	13.1	14.7	16.2	12.7	14.4	16.0	13.7	15.8	14.5	13.7	13.9		12.6	11.5		10.3	9.2		7.9	7.2	
42.0		12.8	13.5		13.2	14.3		13.8	15.2		13.7	15.1		14.9	13.6	13.0	13.1	11.8	11.9	10.8		9.7	8.6		7.4	6.7	
44.0					12.5	13.5		13.0	14.3		12.9	14.3		14.1	12.8		12.4	11.1		10.2			8.1			7.0	6.2	
46.0						12.7			13.4		12.3	13.6		13.4	12.1		11.7	10.4		9.6	8.9		7.6			5.8	
48.0									12.7			12.9		12.7	11.4		11.1	9.8		9.1	8.4		7.1	6.4		5.5	
50.0												12.2			10.8			9.2		8.6	7.9		6.7	6.0		5.1	4.5
54.0																		8.3			7.0			5.3			3.9
58.0																								4.6			3.4
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3						2												1					

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	36.7																										
18.0	35.8			30.8																							
20.0	35.1			30.2			23.7																				
22.0	34.3			29.7			23.2			18.5			17.9														
24.0	33.2			29.2			22.8			18.2			17.6														
26.0	31.2	31.4		28.7			22.4			17.9			17.4			14.9			12.9			10.1					
28.0	29.4	29.5		27.6	27.1		22.0			17.7			17.1			14.8			12.8			10.0			7.7		
30.0	27.8	27.9		26.1	25.6		21.7	21.8		17.4			16.9			14.6			12.7			9.9			7.5		
32.0	26.4	26.4	26.3	24.8	24.0		21.4	21.5		17.2	17.3		16.6			14.4			12.5			9.8			7.5		
34.0	25.1	25.1	25.0	23.4	23.1	22.5	21.1	21.1		17.0	17.1		16.4	16.6		14.3			12.3			9.7			7.4		
36.0	23.9	23.9	23.8	22.5	22.0	21.4	20.8	20.2		16.8	16.9		16.2	16.2		14.2	14.2		12.2			9.6			7.3		
38.0	22.1	22.8	22.7	21.6	21.0	20.4	20.3	19.3	18.4	16.6	16.6		16.1	15.2		14.1	13.6		12.2	11.8		9.6			7.2		
40.0	19.7	21.8	21.7	20.7	20.1	19.5	19.4	18.4	17.5	16.4	16.0	14.8	15.9	14.3		14.0	13.0		11.9	11.1		9.5	8.7		7.1		
42.0	17.0	20.8	20.5	19.3	19.2	18.7	18.7	17.6	16.8	16.3	15.3	13.8	15.5	13.5	11.8	13.9	12.4		11.4	10.4		9.1	8.1		6.9	6.1	
44.0	14.4	19.1	19.3	16.7	18.4	17.8	17.9	16.9	16.0	16.1	14.4	13.0	15.0	12.7	11.1	13.5	11.9		10.8	9.7		8.7	7.6		6.5	5.6	
46.0		16.8	18.1		17.7	16.7	16.0	16.2	15.3	15.5	13.7	12.2	14.3	12.0	10.4	12.9	11.4	10.1	10.3	9.2		8.2	7.1		6.1	5.3	
48.0		13.9	17.1		16.8	15.7		15.6	14.4		13.0	11.5		11.3	9.8		10.8	9.5	9.8	8.6	7.9	7.7	6.7		5.7	4.9	
50.0						14.8		14.9	13.5		12.4	10.9		10.8	9.2		10.2	9.0		8.1	7.4		6.3	5.4	5.4	4.6	
54.0									12.0			9.8		9.8	8.2		9.2	7.9		7.3	6.5		5.5	4.7		4.0	3.3
58.0															7.4			7.0			5.8		4.9	4.1		3.5	2.8
62.0																					5.2			3.6			2.4
66.0																											2.0
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3			2															1					

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	29.8																										
20.0	29.2			22.3																							
22.0	27.8			21.9			19.6																				
24.0	25.4			21.5			19.3			14.8			16.0														
26.0	23.5			21.1			18.9			14.7			15.9			13.8											
28.0	22.2	24.5		20.7			18.6			14.6			15.7			13.7			11.2			8.6					
30.0	21.0	22.3		20.4	20.4		18.4			14.5			15.6			13.6			11.1			8.5			6.1		
32.0	19.8	21.1		19.5	20.1		18.1	18.1		14.5			15.5			13.5			11.0			8.4			6.0		
34.0	18.8	19.9		18.6	19.5		17.9	17.9		14.4	14.4		15.3			13.4			10.9			8.3			6.0		
36.0	17.8	18.9	19.8	17.7	19.0		17.5	17.6		14.3	14.3		15.2	14.8		13.3			10.8			8.2			6.0		
38.0	16.9	17.9	18.8	16.9	18.1	18.6	16.8	17.4		14.3	14.2		15.1	14.1		13.2			10.8			8.2			6.0		
40.0	16.1	17.0	17.9	16.1	17.2	17.8	16.1	16.7	15.8	14.2	14.2		15.0	13.5		13.0	11.8		10.7	10.8		8.1			5.9		
42.0	15.3	16.2	17.0	15.3	16.4	17.0	15.3	16.0	15.1	14.2	14.1		14.5	13.0		12.9	11.3		10.6	10.2		8.0			5.8		
44.0	14.6	15.4	16.1	14.6	15.7	16.3	14.7	15.4	14.5	14.1	13.9	12.8	14.0	12.4		12.5	10.8		10.4	9.7		8.0	7.5		5.8		
46.0	13.9	14.7	15.4	14.0	15.0	15.7	14.1	14.8	13.9	13.6	13.3	12.2	13.5	11.9	10.7	12.1	10.4		10.2	9.1		7.9	7.0		5.8	5.1	
48.0	13.2	14.0	14.7	13.4	14.3	15.1	13.5	14.2	13.4	13.2	12.8	11.8	13.0	11.5	10.2	11.7	10.0		9.7	8.6		7.7	6.6		5.6	4.7	
50.0	11.8	13.4	14.0	12.8	13.7	14.3	12.9	13.7	12.8	12.7	12.3	11.3	12.6	11.0	9.8	11.3	9.6	8.2	9.2	8.1		7.3	6.2		5.3	4.4	
54.0		11.6	12.8		12.6	12.8		12.7	11.5		11.5	10.2		10.3	8.7		8.9	7.3	8.4	7.3	6.5	6.6	5.5	4.6	4.7	3.8	
58.0									10.3		10.6	9.0		9.6	7.6		8.3	6.3		6.5	5.7		4.8	4.0		3.3	2.4
62.0												7.9			6.6			5.4		5.9	5.1		4.3	3.5		2.9	1.9
66.0																		4.6			4.4			3.0			1.5
70.0																								2.6			
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 59	8 to 60	8 to 52	8 to 39
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2															1								

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
20.0	21.8																									
22.0	20.4			19.9																						
24.0	19.1			19.5			17.5																			
26.0	18.0			18.3			17.3			16.7			14.6													
28.0	16.9			17.2			17.1			16.5			14.4			11.8										
30.0	16.0	17.1		16.3			16.6			16.3			14.3			11.7			9.3			6.7				
32.0	15.2	16.2		15.4	16.8		15.7			16.0			14.2			11.6			9.2			6.7			4.7	
34.0	14.4	15.3		14.6	15.9		14.9			15.1			14.0			11.5			9.1			6.6			4.6	
36.0	13.7	14.6		13.9	15.1		14.2	15.6		14.4			13.9			11.4			9.0			6.6			4.6	
38.0	13.1	13.9		13.3	14.3		13.5	14.8		13.7	14.2		13.8	13.5		11.3			9.0			6.6			4.6	
40.0	12.5	13.2	13.9	12.7	13.6		12.9	14.1		13.1	13.5		13.2	12.9		11.2			8.9			6.5			4.5	
42.0	12.0	12.7	13.2	12.2	13.0	13.8	12.3	13.4		12.5	12.9		12.7	12.3		11.1	10.9		8.8			6.5			4.4	
44.0	11.5	12.1	12.7	11.7	12.5	13.2	11.8	12.8	12.7	12.0	12.4		12.1	11.7		11.0	10.4		8.8	8.7		6.4			4.3	
46.0	11.1	11.6	12.1	11.2	12.0	12.6	11.4	12.3	12.1	11.5	11.9	10.8	11.6	11.2		11.0	10.0		8.7	8.5		6.4	6.4		4.3	
48.0	10.7	11.2	11.6	10.8	11.5	12.1	10.9	11.8	11.6	11.1	11.4	10.3	11.2	10.8		10.8	9.6		8.7	8.1		6.4	6.0		4.3	
50.0	10.3	10.8	11.2	10.4	11.0	11.6	10.6	11.3	11.2	10.7	11.0	9.9	10.8	10.3	9.0	10.4	9.2		8.6	7.6		6.4	5.7		4.3	3.8
54.0	9.8	10.1	10.4	9.8	10.3	10.8	9.9	10.5	10.3	10.0	10.2	9.1	10.1	9.5	8.0	9.7	8.4	6.7	7.9	6.8		6.0	4.9		4.2	3.2
58.0		9.6	9.9		9.8	10.1		9.9	9.1		9.5	7.9	9.6	8.5	6.9	9.2	7.8	5.7	7.1	6.0	4.6	5.4	4.3	3.4	3.6	2.7
62.0						9.5		9.4	8.0		8.5	6.8		7.7	5.9		7.0	4.8		5.4	3.8		3.8	2.9		2.3
66.0												5.9			5.0		6.0	4.1		4.8	3.1		3.3	2.4		1.8
70.0															4.3			3.4			2.4		2.9	1.8		1.5
74.0																					1.9					
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 59	8 to 58	8 to 67	8 to 40	8 to 57	8 to 60
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 64.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
24.0	18.6			16.6																						
26.0	17.5			16.4			15.8			14.7																
28.0	16.4			16.2			15.7			14.6			12.6													
30.0	15.5			15.8			15.5			14.4			12.5			10.0										
32.0	14.6			14.9			15.2			14.3			12.4			9.9			7.8			5.4				
34.0	13.9	14.8		14.1			14.4			14.2			12.3			9.9			7.8			5.3			3.8	
36.0	13.2	14.0		13.4	14.5		13.6			13.8			12.2			9.8			7.7			5.3			3.7	
38.0	12.5	13.3		12.7	13.8		12.9	13.7		13.1			12.1			9.7			7.7			5.2			3.7	
40.0	12.0	12.7		12.1	13.1		12.3	13.1		12.5	12.7		12.0			9.7			7.6			5.2			3.7	
42.0	11.4	12.1	12.7	11.6	12.5		11.7	12.5		11.9	12.2		11.9	10.7		9.6			7.6			5.2			3.6	
44.0	10.9	11.5	12.1	11.1	11.9		11.2	12.0		11.4	11.6		11.5	10.2		9.5	9.0		7.5			5.2			3.6	
46.0	10.5	11.0	11.5	10.6	11.4	12.1	10.7	11.6		10.9	11.2		11.0	9.8		9.5	8.6		7.5	7.5		5.2			3.6	
48.0	10.1	10.6	11.0	10.2	10.9	11.5	10.3	11.1	10.2	10.4	10.7		10.6	9.3		9.4	8.2		7.4	7.2		5.2	5.3		3.6	
50.0	9.7	10.1	10.6	9.8	10.4	11.0	9.9	10.7	9.8	10.0	10.3	9.1	10.1	9.0		9.4	7.9		7.4	6.9		5.2	5.2		3.5	
54.0	9.0	9.4	9.8	9.1	9.6	10.1	9.2	9.9	9.1	9.3	9.5	8.4	9.4	8.2	7.0	9.0	7.2		7.3	6.3		5.2	4.8		3.5	2.8
58.0	8.4	8.8	9.1	8.5	9.0	9.4	8.6	9.2	8.3	8.7	8.8	7.4	8.8	7.6	5.9	8.4	6.7	4.8	7.0	5.7		5.1	4.2		3.4	2.2
62.0		8.3	8.5	8.1	8.4	8.7	8.1	8.6	7.2	8.2	8.0	6.4	8.3	7.0	5.0	7.8	6.1	3.9	6.4	5.2	2.8	4.7	3.6	2.3	3.0	1.7
66.0			8.1		8.1	7.7		7.6	6.3		7.0	5.5		6.0	4.2		5.2	3.2		4.4	2.1	4.2	3.1	1.7	2.7	
70.0									5.5		6.2	4.7		5.2	3.5		4.4	2.6		3.6	1.6		2.7				
74.0												4.0			2.9			2.0		3.0			2.4			
78.0																		1.5								
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 59	8 to 56	8 to 64	8 to 34	8 to 64	8 to 59	8 to 25	8 to 63	8 to 33	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Luffing Jib

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 70.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
26.0	15.9			14.9																			
28.0	15.7			14.8			13.8																
30.0	15.2			14.6			13.6			12.2													
32.0	14.3			14.5			13.5			12.2			10.6			8.4							
34.0	13.6			13.8			13.4			12.1			10.5			8.4			6.3				
36.0	12.9	13.7		13.1			13.3			12.0			10.4			8.3			6.3			4.5	
38.0	12.2	13.0		12.4	13.2		12.6			11.9			10.4			8.3			6.2			4.5	
40.0	11.6	12.3		11.8	12.7		12.0	12.3		11.5			10.3			8.2			6.2			4.4	
42.0	11.1	11.7		11.2	12.1		11.4	11.8		11.0	10.8		10.2			8.1			6.1			4.3	
44.0	10.6	11.2		10.7	11.5		10.9	11.3		10.5	10.4		10.1			8.1			6.1			4.3	
46.0	10.1	10.7	11.2	10.2	11.0		10.4	10.8		10.0	10.0		10.1	8.6		8.0			6.1			4.3	
48.0	9.7	10.2	10.7	9.8	10.5	10.3	9.9	10.4		9.6	9.6		9.7	8.2		8.0	7.0		6.1			4.2	
50.0	9.3	9.8	10.2	9.4	10.0	9.9	9.5	10.0	9.1	9.2	9.2		9.3	7.9		8.0	6.7		6.1	6.1		4.2	
54.0	8.5	9.0	9.4	8.6	9.2	9.2	8.8	9.3	8.4	8.5	8.5	7.4	8.6	7.3		7.9	6.2		6.0	5.9		4.1	4.2
58.0	7.9	8.3	8.6	8.0	8.5	8.6	8.1	8.6	7.8	7.9	7.9	6.8	8.0	6.7	5.4	7.3	5.7		6.0	5.4		4.0	3.9
62.0	7.4	7.7	8.0	7.5	7.9	8.1	7.6	8.1	6.9	7.3	7.3	5.9	7.4	6.2	4.5	6.9	5.2	3.2	6.0	4.9	2.5	4.0	3.4
66.0	7.0	7.3	7.5	7.1	7.4	7.2	7.1	7.3	6.0	6.9	6.6	5.0	7.0	5.5	3.7	6.4	4.5	2.5	5.6	4.1	1.8	4.0	2.9
70.0		6.9	7.1		7.0	6.3		6.4	5.2		5.8	4.2	6.6	4.7	3.0	6.1	3.8	1.9	5.1	3.4		3.6	2.5
74.0						5.5		5.7	4.5		5.0	3.6		4.0	2.4		3.2			2.8			2.1
78.0												3.0			1.9		2.6			2.2			1.6
θ (°)	8 to 61	8 to 57	8 to 45	8 to 60	8 to 54	8 to 50	8 to 58	8 to 61	8 to 46	8 to 57	8 to 57	8 to 51	8 to 65	8 to 54	8 to 46	8 to 63	8 to 61	8 to 30	8 to 62	8 to 57	8 to 22	8 to 60	8 to 54
Standard hook block	35t									12.2t													
Hook block weight	950kg									440kg													
Standard number of parts of line	2									1													

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	25.8																										
18.0	22.8			23.1																							
20.0	20.6			20.6			20.5																				
22.0	18.9			19.0			19.1			18.9			18.2														
24.0	17.4	19.1		17.5			17.7			17.7			17.8														
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2					
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8		
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7		
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6		
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	15.4		13.2			12.2			9.8			7.5		
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	14.5		12.6	14.4		11.9			9.7			7.4		
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	13.5	11.1	12.7		11.6	13.7		11.9	13.9		11.5	12.2		9.6			7.4		
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	12.7	10.4	11.9	13.4	10.9	12.8		11.3	13.2		11.1	11.4		9.5	9.0		7.3		
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.8	9.8	11.2	12.6	10.3	12.1		10.6	12.6		10.6	10.7		9.3	8.4		7.2		
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	11.1	9.2	10.5	11.8	9.7	11.4	12.9	10.1	12.0		10.1	10.1		9.0	7.9		6.8	6.0	
46.0		8.8	9.3		9.2	9.9	8.6	9.5	10.5	8.7	9.9	11.1	9.1	10.7	12.2	9.5	11.3	10.5	9.6	9.5		8.5	7.4		6.4	5.6	
48.0		8.3	8.8		8.6	9.3		9.0	9.8		9.4	10.4		10.1	11.5		10.7	9.9	9.2	9.0	8.2	8.1	7.0		6.1	5.2	
50.0						8.8		8.5	9.3		8.8	9.8		9.5	10.8		10.1	9.3		8.5	7.7		6.6		5.7	4.9	
54.0									8.3			8.8		8.5	9.6		9.1	8.3		7.6	6.9		5.9	5.1		4.3	3.7
58.0															8.6			7.5			6.1		5.3	4.5		3.8	3.2
62.0																					5.5			3.9			2.7
66.0																											2.3
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2																		1					

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	18.8																										
20.0	17.2			17.1																							
22.0	15.8			15.8			15.8																				
24.0	14.6			14.6			14.7			14.6																	
26.0	13.5			13.5			13.7			13.7			13.9			12.8											
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5					
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4			6.2		
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3			6.1		
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2			6.1		
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1			6.0		
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	11.6		9.9			9.5			8.1			6.0		
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	11.0		9.4	10.9		9.1	10.2		8.0			5.9		
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	10.3		8.8	10.4		8.7	9.9		7.9			5.9		
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	9.8	8.2	9.7		8.4	9.9		8.3	9.6		7.7	7.8		5.9		
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	9.2	7.8	9.1	10.4	7.9	9.4		7.9	9.2		7.5	7.3		5.9	5.4	
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	8.7	7.3	8.6	9.8	7.5	8.9		7.6	8.9		7.2	6.9		5.8	5.1	
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.7	6.5	7.3	8.2	6.9	8.1	9.2	7.1	8.4	8.8	7.2	8.4		7.0	6.5		5.6	4.7	
54.0		5.9	6.2		6.1	6.5		6.3	6.9		6.6	7.3		7.2	8.2		7.5	8.0	6.5	7.6	6.8	6.5	5.8	4.9	5.0	4.2	
58.0									6.2		5.9	6.5		6.4	7.3		6.7	7.0		6.8	6.1		5.2	4.3		3.6	2.9
62.0												5.9			6.5			6.1		6.2	5.4		4.6	3.8		3.2	2.4
66.0																		5.3			4.9			3.4			2.0
70.0																								3.0			1.6
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 59	8 to 60	8 to 52	8 to 50
Standard hook block	35t																		12.2t								
Hook block weight	950kg																		440kg								
Standard number of parts of line	2																		1								

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	20.9			19.1																							
24.0	19.9			18.8			16.8																				
26.0	18.8			18.1			16.6			16.4			14.5														
28.0	17.6			17.3			16.3			16.1			14.4			11.8											
30.0	16.7			16.4			16.1			15.7			14.2			11.7			9.4			7.0					
32.0	15.7	16.8		15.6			15.4			15.3			14.1			11.7			9.3			6.9			4.9		
34.0	14.8	15.8		14.8	16.0		14.7			14.7			13.8			11.6			9.3			6.9			4.9		
36.0	14.0	15.0		14.0	15.2		14.0	15.1		14.1			13.5			11.5			9.2			6.8			4.8		
38.0	13.3	14.1		13.3	14.4		13.3	14.5		13.5	14.3		13.1	13.9		11.4			9.1			6.7			4.8		
40.0	12.6	13.4	14.1	12.7	13.7		12.7	13.9		12.9	13.7		12.6	13.3		11.3	11.4		9.1			6.7			4.7		
42.0	12.0	12.7	13.4	12.0	13.0	13.8	12.1	13.2		12.4	13.2		12.2	12.7		11.1	11.4		9.0			6.7			4.6		
44.0	11.4	12.1	12.7	11.5	12.3	13.1	11.5	12.6	12.9	11.8	12.6		11.7	12.2		10.9	11.3		9.0	8.9		6.6			4.6		
46.0	10.8	11.5	12.0	10.9	11.7	12.5	11.0	12.0	12.4	11.3	12.1		11.3	11.7		10.6	11.0		8.9	8.8		6.6	6.7		4.6		
48.0	10.3	10.9	11.4	10.4	11.2	11.9	10.5	11.5	11.9	10.8	11.7	10.6	10.8	11.2		10.4	10.5		8.9	8.5		6.6	6.4		4.6		
50.0	9.8	10.4	10.9	9.9	10.7	11.3	10.0	10.9	11.5	10.3	11.2	10.2	10.4	10.8	9.4	10.1	10.1		8.9	8.0		6.6	6.0		4.6	4.2	
54.0	9.0	9.5	9.9	9.1	9.7	10.3	9.2	10.0	10.7	9.4	10.4	9.5	9.6	9.8	8.3	9.4	9.3	7.7	8.2	7.1		6.3	5.3		4.5	3.6	
58.0		8.7	9.1		8.9	9.4		9.1	9.7		9.6	8.4	8.8	8.9	7.4	8.8	8.3	6.7	7.5	6.4	5.3	5.8	4.7	3.8	4.0	3.1	
62.0						8.6		8.4	8.6		8.8	7.4		8.1	6.5		7.5	5.8		5.7	4.5		4.1	3.3		2.7	1.6
66.0												6.5			5.7		6.9	5.0		5.2	3.8		3.7	2.8		2.3	
70.0															4.9			4.3			3.1		3.2	2.4		2.0	
74.0																					2.6			1.9			
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 59	8 to 58	8 to 67	8 to 50	8 to 57	8 to 60	8 to 23
Standard hook block	35t															12.2t											
Hook block weight	950kg															440kg											
Standard number of parts of line	2															1											

Counterweight 118t, outrigger extension width 8.0m
Boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
24.0	16.5			15.4																						
26.0	15.6			15.0			14.6			13.8																
28.0	14.8			14.4			14.1			13.4																
30.0	13.9			13.7			13.5			13.0			12.0			9.9										
32.0	13.1			13.0			12.9			12.5			11.7			9.8			7.9			5.7			
34.0	12.4	13.2		12.4			12.3			12.0			11.4			9.8			7.8			5.7		4.0	
36.0	11.7	12.5		11.7	12.7		11.7			11.6			11.0			9.7			7.8			5.6		4.0	
38.0	11.1	11.8		11.1	12.0		11.1	12.2		11.1			10.7			9.6			7.7			5.5		3.9	
40.0	10.5	11.2		10.5	11.4		10.6	11.6		10.6	11.6		10.3			9.4			7.7			5.4		3.9	
42.0	9.9	10.6	11.1	10.0	10.8		10.1	11.0		10.1	11.1		9.9	10.6		9.2			7.6			5.4		3.9	
44.0	9.4	10.0	10.5	9.5	10.3		9.6	10.5		9.6	10.7		9.5	10.1		8.9	9.4		7.6			5.4		3.8	
46.0	9.0	9.5	10.0	9.0	9.8	10.4	9.1	10.0		9.2	10.2		9.1	9.7		8.7	9.1		7.5	7.6		5.4		3.8	
48.0	8.5	9.0	9.5	8.6	9.3	9.9	8.7	9.5	10.3	8.8	9.7		8.8	9.3		8.4	8.7		7.5	7.5		5.4	5.5		3.7	
50.0	8.1	8.6	9.0	8.2	8.8	9.4	8.3	9.1	9.8	8.4	9.3	9.5	8.4	9.0		8.2	8.4		7.5	7.4		5.4	5.4		3.7	
54.0	7.4	7.8	8.2	7.5	8.0	8.5	7.6	8.3	8.9	7.7	8.5	8.8	7.7	8.3	7.1	7.6	7.7		7.1	6.8		5.4	5.1		3.7	3.2
58.0	6.7	7.1	7.4	6.8	7.3	7.8	6.9	7.5	8.1	7.0	7.8	7.9	7.1	7.7	6.4	7.1	7.1	5.4	6.8	6.2		5.3	4.5		3.6	2.7
62.0		6.5	6.8	6.3	6.7	7.1	6.4	6.9	7.4	6.4	7.1	6.9	6.5	7.2	5.5	6.6	6.6	4.6	6.4	5.6	3.5	5.1	4.0	3.0	3.4	2.2
66.0			6.2		6.1	6.5		6.3	6.8		6.5	6.0		6.5	4.7		5.9	3.9		5.0	2.8	4.6	3.5	2.3	3.0	1.7
70.0									5.9		6.0	5.3		5.7	4.0		5.1	3.2		4.3	2.2		3.1	1.8		
74.0												4.6			3.4			2.6		3.6	1.7		2.7			
78.0																		2.1								
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 59	8 to 56	8 to 64	8 to 41	8 to 64	8 to 59	8 to 31	8 to 63	8 to 39	
Standard hook block	35t												12.2t													
Hook block weight	950kg												440kg													
Standard number of parts of line	2												1													

Luffing Jib

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	69.7			67.0			58.6														
16.0	63.5	65.0		60.2			57.0			53.7											
18.0	57.6	58.8		54.7	55.1		52.0			49.1			45.7			39.0					
20.0	42.2	52.7	51.3	44.8	50.4		47.1	47.2		45.2			41.6			36.5			30.5		
22.0		46.7	45.4		44.9			43.0		41.9	38.6		38.4			33.6			28.1		
24.0			41.0		40.2	38.6		38.7			35.5			31.9					24.1		
26.0						34.8		35.0	32.6		33.1			29.4			25.8				
28.0									29.7			28.0		27.4			22.1				
30.0												23.8			21.4		20.3			17.7	
32.0															19.6						
34.0																		16.3			
36.0																					13.8
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	46.3	47.0		43.6	43.6		41.0			36.8			31.9			22.5								
22.0	42.8	43.5		40.4	40.4		38.1	37.2		35.8			31.5			22.1			17.8			13.7		
24.0	39.8	40.3	39.2	37.7	37.6		35.5	34.7		33.5	32.1		30.9			21.7			17.7			13.7		
26.0	37.2	36.4	35.3	35.3	34.8	33.1	33.3	32.5		31.4	30.1		29.1			21.3			17.4			13.7		
28.0	34.3	33.1	32.1	33.2	31.6	30.1	31.4	30.1		29.6	28.3		27.5	25.7		21.0			17.1			13.5		
30.0	28.6	30.3	29.4	30.6	28.9	27.5	29.6	27.5	25.3	28.0	26.1		26.0	22.4		20.7	19.6		16.9			13.3		
32.0		27.9	27.2	24.9	26.6	25.3	27.3	25.3	23.3	26.5	23.4	21.6	22.7	20.3		19.6	18.1		16.1	15.3		13.2		
34.0		24.9	25.1		24.6	23.4		23.4	21.5		21.3	19.9	21.2	19.0	17.8	18.5	16.9		15.1	14.2		12.9	11.7	
36.0			23.3		23.0	21.7		21.7	19.9		20.0	18.4		17.7	16.5		15.7			13.2		11.8	10.9	
38.0						20.2		20.2	18.5		19.0	17.1		16.7	15.4		14.7	13.5		12.3			10.1	
40.0									17.3			16.0		15.8	14.4		13.8	12.6		11.5	11.0		9.4	
42.0												14.9			13.5		13.0	11.8		10.8	10.3		8.8	
44.0															12.7			11.0			9.6		8.2	7.6
46.0																		10.4			9.0			7.1
48.0																					8.4			6.6
50.0																								6.2
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	40.8		37.9	39.3		37.0			34.0			28.7			20.9			17.0								
24.0	34.4	38.0		35.4	36.6		34.6	33.7		32.7			28.4			20.5			16.5			13.0			9.2		
26.0	31.4	35.0	35.3	32.3	34.2		32.4	31.6		30.7	29.3		27.7			20.2			16.2			12.8			9.0		
28.0	28.9	31.9	31.9	29.6	31.3	29.7	30.4	29.6		28.9	27.6		25.3	22.1		19.9			16.1			12.7			8.7		
30.0	26.7	29.3	29.3	27.3	28.6	27.1	28.0	27.2	24.9	27.3	24.9		21.6	20.4		19.6	19.5		15.9			12.6			8.6		
32.0	24.2	27.1	27.0	25.4	26.3	25.0	26.0	25.0	22.9	25.9	21.5	19.8	20.4	19.0		19.2	18.0		15.8	15.1		12.6			8.5		
34.0		25.2	24.9	21.2	24.3	23.0	22.5	23.0	21.1	23.1	20.1	18.4	19.4	17.7		18.4	16.8		15.2	14.0		12.5	11.6		8.5		
36.0		21.2	23.1		22.6	21.4		21.4	19.6		18.9	17.1	18.7	16.5	15.7	17.4	15.7		14.1	13.1		11.9	10.7		8.5		
38.0			21.5		21.1	19.9		19.9	18.2		17.9	16.0		15.5	14.6		14.7	13.4		12.2			10.0		8.5	8.0	
40.0						18.5			16.9		17.0	15.0		14.6	13.6		13.8	12.5		11.4			9.3			7.4	
42.0									15.8			14.2		13.9	12.7		13.0	11.7		10.7	10.1		8.7			6.9	
44.0												13.4			11.9			11.0		10.1	9.5		8.1	7.5		6.4	
46.0															11.2			10.3			8.9		7.6	7.0		6.0	
48.0																		9.6			8.3			6.5			5.0
50.0																					7.7			6.1			4.7
54.0																											4.0
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	20.4		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	20.2	16.9	19.2		16.0	18.2		17.4	19.9		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	18.8	15.8	17.9	19.9	15.1	17.2		16.4	19.0		15.8	16.4		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	17.5	14.8	16.7	18.6	14.2	16.2	17.5	15.4	17.9		15.2	15.8		13.8	13.2		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	16.3	13.9	15.7	17.3	13.5	15.3	16.2	14.5	16.8		14.5	14.8		13.5	12.3		10.7	9.9		8.4		
40.0		13.5	14.4		14.1	15.3	13.1	14.7	16.2	12.7	14.4	15.1	13.7	15.8	13.7	13.7	13.9		12.6	11.5		10.3	9.2		7.9	7.2	
42.0		12.8	13.5		13.2	14.3		13.8	15.2		13.7	14.1		14.9	12.7	13.0	13.1	10.7	11.9	10.8		9.7	8.6		7.4	6.7	
44.0					12.5	13.5		13.0	14.3		12.9	13.2		13.9	11.8		12.4	9.9		10.2			8.1		7.0	6.2	
46.0						12.7			13.4		12.3	12.4		13.1	11.0		11.7	9.2		9.6	8.2		7.6			5.8	
48.0									12.7			11.6		12.3	10.3		11.1	8.5		9.1	7.6		7.1	6.4		5.5	
50.0												10.9			9.6			7.9		8.6	7.0		6.7	6.0		5.1	4.5
54.0																		6.9			6.0			5.3			3.9
58.0																								4.6			3.4
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3						2												1					

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	36.7																										
18.0	35.8			30.8																							
20.0	35.1			30.2			23.7																				
22.0	34.3			29.7			23.2			18.5			17.9														
24.0	33.2			29.2			22.8			18.2			17.6														
26.0	31.2	31.4		28.7			22.4			17.9			17.4			14.9			12.9			10.1					
28.0	29.4	29.5		27.6	27.1		22.0			17.7			17.1			14.8			12.8			10.0			7.7		
30.0	27.8	27.9		26.1	25.6		21.7	21.8		17.4			16.9			14.6			12.7			9.9			7.5		
32.0	26.4	26.3	25.5	24.8	24.0		21.4	21.5		17.2	17.3		16.6			14.4			12.5			9.8			7.5		
34.0	25.1	24.3	23.5	23.4	23.1	21.5	21.1	21.1		17.0	17.1		16.4	16.6		14.3			12.3			9.7			7.4		
36.0	23.5	22.5	21.7	22.5	21.3	19.9	20.8	20.0		16.8	16.9		16.2	16.2		14.2	14.2		12.2			9.6			7.3		
38.0	21.9	20.9	20.2	21.1	19.8	18.5	20.3	18.5	16.7	16.6	16.6		16.1	15.2		14.1	13.6		12.2	11.8		9.6			7.2		
40.0	19.7	19.5	18.8	19.7	18.5	17.2	19.0	17.3	15.6	16.4	15.8	13.8	15.9	14.3		14.0	13.0		11.9	11.1		9.5	8.7		7.1		
42.0	17.0	18.2	17.6	18.4	17.3	16.0	17.7	16.1	14.5	16.3	14.7	12.8	15.5	13.5	11.3	13.9	12.3		11.4	10.4		9.1	8.1		6.9	6.1	
44.0	14.4	17.1	16.5	16.7	16.2	15.0	16.6	15.1	13.5	15.7	13.7	11.8	15.0	12.7	10.4	13.5	11.4		10.8	9.7		8.7	7.6		6.5	5.6	
46.0		16.1	15.5		15.2	14.1	15.6	14.1	12.7	14.8	12.8	11.0	14.3	12.0	9.6	12.9	10.6	7.8	10.3	9.2		8.2	7.1		6.1	5.3	
48.0		13.9	14.6		14.3	13.2		13.3	11.9		12.0	10.2		11.3	8.9		9.8	7.2	9.8	8.6	6.2	7.7	6.7		5.7	4.9	
50.0						12.4		12.5	11.2		11.3	9.5		10.5	8.3		9.1	6.6		8.1	5.7		6.3	5.4	5.4	4.6	
54.0									9.9			8.3		9.2	7.1		7.9	5.6		7.3	4.7		5.5	4.7		4.0	3.3
58.0															6.1			4.7			3.9		4.9	3.9		3.5	2.8
62.0																					3.2			3.2			2.2
66.0																											1.6
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3			2															1					

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	29.8																										
20.0	29.2			22.3																							
22.0	27.8			21.9			19.6																				
24.0	25.4			21.5			19.3			14.8			16.0														
26.0	23.5			21.1			18.9			14.7			15.9			13.8											
28.0	22.2	24.5		20.7			18.6			14.6			15.7			13.7			11.2			8.6					
30.0	21.0	22.3		20.4	20.4		18.4			14.5			15.6			13.6			11.1			8.5			6.1		
32.0	19.8	21.1		19.5	20.1		18.1	18.1		14.5			15.5			13.5			11.0			8.4			6.0		
34.0	18.8	19.9		18.6	19.5		17.9	17.9		14.4	14.4		15.3			13.4			10.9			8.3			6.0		
36.0	17.8	18.9	19.8	17.7	19.0		17.5	17.6		14.3	14.3		15.2	14.8		13.3			10.8			8.2			6.0		
38.0	16.9	17.9	18.8	16.9	18.1	17.9	16.8	17.4		14.3	14.2		15.1	14.1		13.2			10.8			8.2			6.0		
40.0	16.1	17.0	17.9	16.1	17.2	16.6	16.1	16.6	14.8	14.2	14.2		15.0	13.5		13.0	11.8		10.7	10.8		8.1			5.9		
42.0	15.3	16.2	17.0	15.3	16.4	15.5	15.3	15.4	13.8	14.2	14.1		14.5	13.0		12.9	11.3		10.6	10.2		8.0			5.8		
44.0	14.6	15.4	16.0	14.6	15.7	14.5	14.7	14.4	12.9	14.1	13.3	11.3	14.0	12.1		12.5	10.6		10.4	9.7		8.0	7.5		5.8		
46.0	13.9	14.7	15.0	14.0	14.7	13.6	14.1	13.5	12.0	13.6	12.5	10.4	13.5	11.3	8.7	12.1	9.8		10.2	9.1		7.9	7.0		5.8	5.1	
48.0	13.2	14.0	14.1	13.4	13.8	12.7	13.5	12.7	11.3	13.2	11.7	9.7	12.9	10.5	8.0	11.7	9.1		9.7	8.6		7.7	6.6		5.6	4.7	
50.0	11.8	13.4	13.3	12.8	13.0	12.0	12.9	11.9	10.5	12.7	10.9	9.0	12.1	9.8	7.4	11.3	8.4	5.8	9.2	8.1		7.3	6.2		5.3	4.4	
54.0		11.6	11.8		11.6	10.6		10.6	9.2		9.6	7.8		8.5	6.3		7.2	4.9	8.4	7.2	4.6	6.6	5.5	3.5	4.7	3.8	
58.0									8.0		8.4	6.7		7.4	5.4		6.2	4.0		6.2	3.8		4.8	2.8		3.3	2.1
62.0												5.8			4.6			3.3		5.3	3.1		4.3	2.2		2.9	1.5
66.0																		2.7			2.4			1.6			
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 30
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2															1								

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
20.0	21.8																									
22.0	20.4			19.9																						
24.0	19.1			19.5			17.5																			
26.0	18.0			18.3			17.3			16.7			14.6													
28.0	16.9			17.2			17.1			16.5			14.4			11.8										
30.0	16.0	17.1		16.3			16.6			16.3			14.3			11.7			9.3			6.7				
32.0	15.2	16.2		15.4	16.8		15.7			16.0			14.2			11.6			9.2			6.7			4.7	
34.0	14.4	15.3		14.6	15.9		14.9			15.1			14.0			11.5			9.1			6.6			4.6	
36.0	13.7	14.6		13.9	15.1		14.2	15.6		14.4			13.9			11.4			9.0			6.6			4.6	
38.0	13.1	13.9		13.3	14.3		13.5	14.8		13.7	14.2		13.8	13.5		11.3			9.0			6.6			4.6	
40.0	12.5	13.2	13.9	12.7	13.6		12.9	14.1		13.1	13.5		13.2	12.9		11.2			8.9			6.5			4.5	
42.0	12.0	12.7	13.2	12.2	13.0	13.8	12.3	13.4		12.5	12.9		12.7	12.3		11.1	10.9		8.8			6.5			4.4	
44.0	11.5	12.1	12.7	11.7	12.5	13.2	11.8	12.8	11.7	12.0	12.4		12.1	11.4		11.0	10.2		8.8	8.7		6.4			4.3	
46.0	11.1	11.6	12.1	11.2	12.0	12.6	11.4	12.3	10.8	11.5	11.5	9.2	11.6	10.6		11.0	9.4		8.7	8.2		6.4	6.4		4.3	
48.0	10.7	11.2	11.6	10.8	11.5	11.8	10.9	11.7	10.0	11.1	10.7	8.5	11.2	9.8		10.8	8.7		8.7	7.5		6.4	6.0		4.3	
50.0	10.3	10.8	11.2	10.4	11.0	11.1	10.6	11.0	9.3	10.7	9.9	7.8	10.8	9.0	6.6	10.4	8.0		8.6	6.9		6.4	5.7		4.3	3.8
54.0	9.8	10.1	10.4	9.8	10.3	9.7	9.9	9.6	8.0	10.0	8.5	6.6	10.1	7.8	5.5	9.7	6.8	4.3	7.9	5.8		6.0	4.9		4.2	3.2
58.0		9.6	9.9		9.5	8.4		8.4	6.9		7.4	5.6	9.1	6.7	4.6	8.4	5.8	3.5	7.1	4.9	2.4	5.4	4.3	1.6	3.6	2.7
62.0						7.4		7.3	5.9		6.4	4.7		5.7	3.8		4.9	2.8		4.0	1.7		3.5			2.3
66.0												4.0			3.1		4.1	2.1		3.3			2.8			1.8
70.0															2.5			1.6					2.2			1.5
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 29	8 to 58	8 to 67	8 to 20	8 to 57	8 to 60	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Luffing Jib

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	25.8																										
18.0	22.8			23.1																							
20.0	20.6			20.6			20.5																				
22.0	18.9			19.0			19.1			18.9			18.2														
24.0	17.4	19.1		17.5			17.7			17.7			17.8														
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2					
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8		
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7		
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6		
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	15.4		13.2			12.2			9.8			7.5		
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	14.5		12.6	14.4		11.9			9.7			7.4		
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	13.5	11.1	12.7		11.6	13.7		11.9	13.9		11.5	12.2		9.6			7.4		
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	12.7	10.4	11.9	13.4	10.9	12.8		11.3	13.2		11.1	11.4		9.5	9.0		7.3		
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.8	9.8	11.2	12.6	10.3	12.1		10.6	12.6		10.6	10.7		9.3	8.4		7.2		
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	11.1	9.2	10.5	11.8	9.7	11.4	11.0	10.1	12.0		10.1	10.1		9.0	7.9		6.8	6.0	
46.0		8.8	9.3		9.2	9.9	8.6	9.5	10.5	8.7	9.9	11.1	9.1	10.7	10.3	9.5	11.2	8.5	9.6	9.5		8.5	7.4		6.4	5.6	
48.0		8.3	8.8		8.6	9.3		9.0	9.8		9.4	10.4		10.1	9.6		10.5	7.8	9.2	9.0	7.0	8.1	7.0		6.1	5.2	
50.0						8.8		8.5	9.3		8.8	9.8		9.5	8.9		9.8	7.3		8.5	6.4		6.6		5.7	4.9	
54.0									8.3			8.8		8.5	7.8		8.5	6.3		7.6	5.5		5.9	5.1		4.3	3.7
58.0															6.8			5.4			4.7		5.3	4.5		3.8	3.2
62.0																					4.0			3.8			2.7
66.0																											2.3
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2																		1					

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	18.8																										
20.0	17.2			17.1																							
22.0	15.8			15.8			15.8																				
24.0	14.6			14.6			14.7			14.6																	
26.0	13.5			13.5			13.7			13.7			13.9			12.8											
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5					
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4			6.2		
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3			6.1		
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2			6.1		
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1			6.0		
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	11.6		9.9			9.5			8.1			6.0		
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	11.0		9.4	10.9		9.1	10.2		8.0			5.9		
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	10.3		8.8	10.4		8.7	9.9		7.9			5.9		
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	9.8	8.2	9.7		8.4	9.9		8.3	9.6		7.7	7.8		5.9		
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	9.2	7.8	9.1	9.2	7.9	9.4		7.9	9.2		7.5	7.3		5.9	5.4	
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	8.7	7.3	8.6	8.5	7.5	8.9		7.6	8.9		7.2	6.9		5.8	5.1	
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.7	6.5	7.3	8.2	6.9	8.1	7.9	7.1	8.4	6.5	7.2	8.4		7.0	6.5		5.6	4.7	
54.0		5.9	6.2		6.1	6.5		6.3	6.9		6.6	7.3		7.2	6.8		7.5	5.6	6.5	7.6	5.3	6.5	5.8	4.2	5.0	4.2	
58.0									6.2		5.9	6.5		6.4	5.9		6.7	4.7		6.8	4.5		5.2	3.5		3.6	2.7
62.0												5.9			5.1			4.0		6.0	3.8		4.6	2.9		3.2	2.2
66.0																		3.4			3.1			2.3			1.6
70.0																								1.8			
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 59	8 to 60	8 to 52	8 to 39
Standard hook block	35t																		12.2t								
Hook block weight	950kg																		440kg								
Standard number of parts of line	2																		1								

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
22.0	20.9			19.1																						
24.0	19.9			18.8			16.8																			
26.0	18.8			18.1			16.6			16.4			14.5													
28.0	17.6			17.3			16.3			16.1			14.4			11.8										
30.0	16.7			16.4			16.1			15.7			14.2			11.7			9.4			7.0				
32.0	15.7	16.8		15.6			15.4			15.3			14.1			11.7			9.3			6.9			4.9	
34.0	14.8	15.8		14.8	16.0		14.7			14.7			13.8			11.6			9.3			6.9			4.9	
36.0	14.0	15.0		14.0	15.2		14.0	15.1		14.1			13.5			11.5			9.2			6.8			4.8	
38.0	13.3	14.1		13.3	14.4		13.3	14.5		13.5	14.3		13.1	13.9		11.4			9.1			6.7			4.8	
40.0	12.6	13.4	14.1	12.7	13.7		12.7	13.9		12.9	13.7		12.6	13.3		11.3	11.4		9.1			6.7			4.7	
42.0	12.0	12.7	13.4	12.0	13.0	13.8	12.1	13.2		12.4	13.2		12.2	12.7		11.1	11.4		9.0			6.7			4.6	
44.0	11.4	12.1	12.7	11.5	12.3	13.1	11.5	12.6	12.2	11.8	12.6		11.7	12.1		10.9	11.2		9.0	8.9		6.6			4.6	
46.0	10.8	11.5	12.0	10.9	11.7	12.5	11.0	12.0	11.3	11.3	11.9		11.3	11.2		10.6	10.4		8.9	8.8		6.6	6.7		4.6	
48.0	10.3	10.9	11.4	10.4	11.2	11.9	10.5	11.5	10.5	10.8	11.2	9.0	10.8	10.4		10.4	9.7		8.9	8.2		6.6	6.4		4.6	
50.0	9.8	10.4	10.9	9.9	10.7	11.3	10.0	10.9	9.8	10.3	10.4	8.4	10.4	9.7	7.3	10.1	9.0		8.9	7.6		6.6	6.0		4.6	4.2
54.0	9.0	9.5	9.9	9.1	9.7	10.2	9.2	10.0	8.5	9.4	9.1	7.2	9.6	8.4	6.2	9.4	7.7	5.3	8.2	6.5		6.3	5.3		4.5	3.6
58.0		8.7	9.1		8.9	9.0		8.9	7.4		7.9	6.2	8.8	7.3	5.3	8.8	6.7	4.4	7.5	5.5	3.1	5.8	4.7	2.2	4.0	3.1
62.0						7.9		7.8	6.5		6.9	5.3		6.3	4.4		5.8	3.7		4.7	2.4		4.1	1.6		2.7
66.0												4.5			3.7		5.0	3.0		4.0	1.8		3.4			2.3
70.0															3.1			2.4					2.8			2.0
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 36	8 to 58	8 to 67	8 to 26	8 to 57	8 to 60	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Counterweight 98t, outrigger extension width 8.5m
Boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
24.0	16.5			15.4																				
26.0	15.6			15.0			14.6			13.8														
28.0	14.8			14.4			14.1			13.4														
30.0	13.9			13.7			13.5			13.0			12.0			9.9								
32.0	13.1			13.0			12.9			12.5			11.7			9.8			7.9		5.7			
34.0	12.4	13.2		12.4			12.3			12.0			11.4			9.8			7.8		5.7		4.0	
36.0	11.7	12.5		11.7	12.7		11.7			11.6			11.0			9.7			7.8		5.6		4.0	
38.0	11.1	11.8		11.1	12.0		11.1	12.2		11.1			10.7			9.6			7.7		5.5		3.9	
40.0	10.5	11.2		10.5	11.4		10.6	11.6		10.6	11.6		10.3			9.4			7.7		5.4		3.9	
42.0	9.9	10.6	11.1	10.0	10.8		10.1	11.0		10.1	11.1		9.9	10.6		9.2			7.6		5.4		3.9	
44.0	9.4	10.0	10.5	9.5	10.3		9.6	10.5		9.6	10.7		9.5	10.1		8.9	9.4		7.6		5.4		3.8	
46.0	9.0	9.5	10.0	9.0	9.8	10.4	9.1	10.0		9.2	10.2		9.1	9.7		8.7	9.0		7.5	7.6	5.4		3.8	
48.0	8.5	9.0	9.5	8.6	9.3	9.9	8.7	9.5	9.5	8.8	9.7		8.8	9.1		8.4	8.3		7.5	7.1	5.4	5.5	3.7	
50.0	8.1	8.6	9.0	8.2	8.8	9.4	8.3	9.1	8.8	8.4	9.3	7.8	8.4	8.5		8.2	7.6		7.5	6.5	5.4	5.4	3.7	
54.0	7.4	7.8	8.2	7.5	8.0	8.5	7.6	8.3	7.6	7.7	8.5	6.7	7.7	7.2	5.0	7.6	6.5		7.1	5.4	5.4	5.1	3.7	3.2
58.0	6.7	7.1	7.4	6.8	7.3	7.8	6.9	7.5	6.5	7.0	7.5	5.7	7.1	6.2	4.2	7.1	5.5	3.2	6.8	4.5	5.3	4.2	3.6	2.7
62.0		6.5	6.8	6.3	6.7	7.1	6.4	6.9	5.6	6.4	6.5	4.8	6.5	5.3	3.4	6.6	4.7	2.5	6.4	3.8	5.1	3.5	3.4	2.2
66.0			6.2		6.1	6.2		6.1	4.8		5.6	4.1		4.5	2.8		3.9	1.9		3.1	4.6	2.8	3.0	1.7
70.0									4.1		4.9	3.4		3.8	2.2		3.3			2.5		2.2		
74.0												2.8			1.6					1.9		1.7		
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 31	8 to 56	8 to 64	8 to 64	8 to 59	8 to 63	8 to 39	
Standard hook block	35t												12.2t											
Hook block weight	950kg												440kg											
Standard number of parts of line	2												1											

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	69.7			67.0			58.6														
16.0	63.5	65.0		60.2			57.0			53.7											
18.0	57.6	58.8		54.7	55.1		52.0			49.1			45.7			39.0					
20.0	42.2	52.0	50.6	44.8	49.9		47.1	47.2		45.2			41.6			36.5			30.5		
22.0		45.9	44.6		44.0			42.2		41.9	38.6		38.4			33.6			28.1		
24.0			40.2		39.4	37.8		37.9			35.5			31.9					24.1		
26.0						34.0		34.2	31.8		32.8			29.4			25.8				
28.0									28.9			27.1		27.4			22.1				
30.0												23.8			21.4		20.3			17.7	
32.0															19.6						
34.0																		16.3			
36.0																					13.8
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	46.3	47.0		43.6	43.6		41.0			36.8			31.9			22.5								
22.0	42.8	43.5		40.4	40.4		38.1	37.2		35.8			31.5			22.1			17.8			13.7		
24.0	39.8	39.6	38.4	37.7	37.6		35.5	34.7		33.5	32.1		30.9			21.7			17.7			13.7		
26.0	36.9	35.6	34.5	35.3	34.0	32.3	33.3	32.3		31.4	30.1		29.1			21.3			17.4			13.7		
28.0	33.6	32.3	31.3	32.7	30.8	29.3	31.4	29.3		29.6	27.8		27.5	25.7		21.0			17.1			13.5		
30.0	28.6	29.6	28.7	29.9	28.2	26.8	28.9	26.8	24.5	28.0	25.4		26.0	22.4		20.7	19.6		16.9			13.3		
32.0		27.2	26.5	24.9	25.9	24.6	26.6	24.6	22.5	25.8	23.3	20.8	22.7	20.3		19.6	18.1		16.1	15.3		13.2		
34.0		24.9	24.5		23.9	22.7		22.7	20.8		21.3	19.2	21.2	19.0	17.6	18.5	16.9		15.1	14.2		12.9	11.7	
36.0			22.7		22.3	21.0		21.0	19.2		19.9	17.8		17.7	16.2		15.7			13.2		11.8	10.9	
38.0						19.5		19.5	17.9		18.5	16.5		16.7	15.1		14.7	13.5		12.3			10.1	
40.0									16.6			15.3		15.8	14.0		13.8	12.6		11.5	11.0		9.4	
42.0												14.3			13.1		13.0	11.7		10.8	10.2		8.8	
44.0															12.2			10.9			9.5		8.2	7.6
46.0																		10.1			8.8			7.1
48.0																					8.1			6.6
50.0																								6.2
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	40.8		37.9	39.3		37.0			34.0			28.7			20.9			17.0								
24.0	34.4	38.0		35.4	36.6		34.6	33.7		32.7			28.4			20.5			16.5			13.0			9.2		
26.0	31.4	35.0	34.5	32.3	33.6		32.4	31.6		30.7	29.3		27.7			20.2			16.2			12.8			9.0		
28.0	28.9	31.9	31.2	29.6	30.5	28.9	30.4	29.0		28.9	27.6		25.3	22.1		19.9			16.1			12.7			8.7		
30.0	26.7	29.3	28.6	27.3	27.9	26.4	28.0	26.4	24.2	27.3	24.9		21.6	20.4		19.6	19.5		15.9			12.6			8.6		
32.0	24.2	27.0	26.3	25.4	25.6	24.2	26.0	24.2	22.2	25.6	21.5	19.8	20.4	19.0		19.2	18.0		15.8	15.1		12.6			8.5		
34.0		24.9	24.3	21.2	23.6	22.4	22.5	22.4	20.4	23.1	20.1	18.4	19.4	17.7		18.4	16.8		15.2	14.0		12.5	11.6		8.5		
36.0		21.2	22.5		21.9	20.7		20.7	18.9		18.9	17.1	18.7	16.5	15.7	17.4	15.7		14.1	13.1		11.9	10.7		8.5		
38.0			20.9		20.5	19.2		19.2	17.5		17.9	16.0		15.5	14.6		14.7	13.2		12.2			10.0		8.5	8.0	
40.0						17.9			16.3		17.0	15.0		14.6	13.6		13.8	12.2		11.4			9.3			7.4	
42.0									15.2			14.1		13.9	12.7		13.0	11.3		10.7	9.7		8.7			6.9	
44.0												13.2			11.8			10.5		10.1	9.0		8.1	7.5		6.4	
46.0															11.0			9.7			8.3		7.6	7.0		6.0	
48.0																		9.0			7.7			6.5			5.0
50.0																					7.1			6.1			4.7
54.0																											4.0
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	20.4		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	20.2	16.9	19.2		16.0	18.2		17.4	19.9		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	18.8	15.8	17.9	19.8	15.1	17.2		16.4	19.0		15.8	16.4		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	17.5	14.8	16.7	18.3	14.2	16.2	16.8	15.4	17.7		15.2	15.8		13.8	13.2		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	16.3	13.9	15.7	17.0	13.5	15.3	15.6	14.5	16.4		14.5	14.8		13.5	12.3		10.7	9.9		8.4		
40.0		13.5	14.4		14.1	15.3	13.1	14.7	15.8	12.7	14.4	14.5	13.7	15.3	13.0	13.7	13.9		12.6	11.5		10.3	9.2		7.9	7.2	
42.0		12.8	13.5		13.2	14.3		13.8	14.8		13.7	13.5		14.3	12.1	13.0	12.9	10.0	11.9	10.8		9.7	8.6		7.4	6.7	
44.0					12.5	13.5		13.0	13.8		12.9	12.6		13.3	11.2		12.0	9.3		10.2			8.1			7.0	6.2	
46.0						12.7			12.9		12.3	11.8		12.5	10.4		11.3	8.6		9.6	7.5		7.6			5.8		
48.0									12.1			11.1		11.7	9.7		10.5	7.9		9.1	7.0		7.1	6.3		5.5		
50.0												10.4			9.0			7.3		8.6	6.4		6.7	5.8		5.1	4.5
54.0																		6.3			5.5			4.9			3.9
58.0																								4.1			3.4
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	80t			35t															12.2t								
Hook block weight	1550kg			950kg															440kg								
Standard number of parts of line	4			3						2									1								

Luffing Jib

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	36.7																										
18.0	35.8			30.8																							
20.0	35.1			30.2			23.7																				
22.0	34.3			29.7			23.2			18.5			17.9														
24.0	33.2			29.2			22.8			18.2			17.6														
26.0	31.2	31.4		28.7			22.4			17.9			17.4			14.9			12.9			10.1					
28.0	29.4	29.5		27.6	27.1		22.0			17.7			17.1			14.8			12.8			10.0			7.7		
30.0	27.8	27.9		26.1	25.6		21.7	21.8		17.4			16.9			14.6			12.7			9.9			7.5		
32.0	26.4	25.7	24.8	24.8	24.0		21.4	21.5		17.2	17.3		16.6			14.4			12.5			9.8			7.5		
34.0	24.7	23.6	22.8	23.4	22.4	20.8	21.1	20.9		17.0	17.1		16.4	16.6		14.3			12.3			9.7			7.4		
36.0	22.9	21.8	21.1	22.1	20.7	19.2	20.8	19.3		16.8	16.9		16.2	16.2		14.2	14.2		12.2			9.6			7.3		
38.0	21.3	20.3	19.6	20.5	19.2	17.8	19.7	17.9	16.1	16.6	16.3		16.1	15.2		14.1	13.6		12.2	11.8		9.6			7.2		
40.0	19.7	18.9	18.2	19.1	17.9	16.6	18.4	16.7	14.9	16.4	15.1	13.1	15.9	14.2		14.0	12.6		11.9	11.1		9.5	8.7		7.1		
42.0	17.0	17.7	17.0	17.8	16.7	15.5	17.2	15.5	13.9	16.2	14.1	12.1	15.5	13.2	10.6	13.9	11.7		11.4	10.4		9.1	8.1		6.9	6.1	
44.0	14.4	16.6	15.9	16.7	15.6	14.4	16.1	14.5	13.0	15.1	13.1	11.2	14.7	12.3	9.8	13.5	10.8		10.8	9.7		8.7	7.6		6.5	5.6	
46.0		15.6	15.0		14.7	13.5	15.1	13.6	12.1	14.3	12.3	10.4	13.8	11.5	9.0	12.9	10.0	7.2	10.3	9.2		8.2	7.1		6.1	5.3	
48.0		13.9	14.1		13.8	12.7		12.8	11.4		11.5	9.6		10.7	8.3		9.2	6.6	9.8	8.5	5.6	7.7	6.7		5.7	4.9	
50.0						11.9		12.0	10.6		10.8	8.9		10.0	7.7		8.6	6.0		7.9	5.1		6.3	5.0	5.4	4.6	
54.0									9.4			7.7		8.7	6.6		7.4	5.1		6.8	4.2		5.5	4.1		4.0	2.9
58.0															5.6			4.2			3.4		4.9	3.4		3.5	2.3
62.0																					2.7			2.7			1.7
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 42
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3			2															1					

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	29.8																										
20.0	29.2			22.3																							
22.0	27.8			21.9			19.6																				
24.0	25.4			21.5			19.3			14.8			16.0														
26.0	23.5			21.1			18.9			14.7			15.9			13.8											
28.0	22.2	24.5		20.7			18.6			14.6			15.7			13.7			11.2			8.6					
30.0	21.0	22.3		20.4	20.4		18.4			14.5			15.6			13.6			11.1			8.5			6.1		
32.0	19.8	21.1		19.5	20.1		18.1	18.1		14.5			15.5			13.5			11.0			8.4			6.0		
34.0	18.8	19.9		18.6	19.5		17.9	17.9		14.4	14.4		15.3			13.4			10.9			8.3			6.0		
36.0	17.8	18.9	19.8	17.7	19.0		17.5	17.6		14.3	14.3		15.2	14.8		13.3			10.8			8.2			6.0		
38.0	16.9	17.9	18.8	16.9	18.1	17.2	16.8	17.2		14.3	14.2		15.1	14.1		13.2			10.8			8.2			6.0		
40.0	16.1	17.0	17.7	16.1	17.2	16.0	16.1	16.0	14.2	14.2	14.2		15.0	13.4		13.0	11.8		10.7	10.8		8.1			5.9		
42.0	15.3	16.2	16.5	15.3	16.2	14.9	15.3	14.9	13.2	14.2	13.7		14.5	12.5		12.9	10.8		10.6	10.2		8.0			5.8		
44.0	14.6	15.4	15.5	14.6	15.2	13.9	14.7	13.9	12.3	14.1	12.7	10.6	14.0	11.5		12.5	10.0		10.4	9.7		8.0	7.5		5.8		
46.0	13.9	14.7	14.5	14.0	14.2	13.0	14.1	13.0	11.5	13.6	11.9	9.8	13.2	10.7	8.1	12.1	9.2		10.2	9.1		7.9	7.0		5.8	5.1	
48.0	13.2	14.0	13.6	13.4	13.3	12.2	13.5	12.2	10.7	13.0	11.1	9.1	12.4	9.9	7.4	11.5	8.5		9.7	8.5		7.7	6.6		5.6	4.7	
50.0	11.8	13.4	12.8	12.8	12.5	11.5	12.8	11.4	10.0	12.3	10.4	8.4	11.6	9.2	6.8	10.8	7.8	5.2	9.2	7.8		7.3	6.2		5.3	4.4	
54.0		11.6	11.4		11.1	10.1		10.1	8.7		9.1	7.2		7.9	5.8		6.7	4.3	8.4	6.7	4.0	6.6	5.5	3.0	4.7	3.8	
58.0									7.5		7.9	6.2		6.9	4.9		5.7	3.5		5.7	3.3		4.8	2.3		3.3	1.5
62.0												5.3			4.1			2.8		4.8	2.6		4.1	1.7		2.9	
66.0																		2.2			2.0						
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 34	8 to 60	8 to 52	8 to 24
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2															1								

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
20.0	21.8																								
22.0	20.4			19.9																					
24.0	19.1			19.5			17.5																		
26.0	18.0			18.3			17.3			16.7			14.6												
28.0	16.9			17.2			17.1			16.5			14.4			11.8									
30.0	16.0	17.1		16.3			16.6			16.3			14.3			11.7			9.3			6.7			
32.0	15.2	16.2		15.4	16.8		15.7			16.0			14.2			11.6			9.2			6.7		4.7	
34.0	14.4	15.3		14.6	15.9		14.9			15.1			14.0			11.5			9.1			6.6		4.6	
36.0	13.7	14.6		13.9	15.1		14.2	15.6		14.4			13.9			11.4			9.0			6.6		4.6	
38.0	13.1	13.9		13.3	14.3		13.5	14.8		13.7	14.2		13.8	13.5		11.3			9.0			6.6		4.6	
40.0	12.5	13.2	13.9	12.7	13.6		12.9	14.1		13.1	13.5		13.2	12.8		11.2			8.9			6.5		4.5	
42.0	12.0	12.7	13.2	12.2	13.0	13.8	12.3	13.4		12.5	12.7		12.7	11.8		11.1	10.4		8.8			6.5		4.4	
44.0	11.5	12.1	12.7	11.7	12.5	13.0	11.8	12.8	11.1	12.0	11.8		12.1	10.8		11.0	9.6		8.8	8.3		6.4		4.3	
46.0	11.1	11.6	12.1	11.2	12.0	12.1	11.4	12.0	10.2	11.5	10.9	8.6	11.6	10.0		11.0	8.8		8.7	7.6		6.4	6.4	4.3	
48.0	10.7	11.2	11.6	10.8	11.5	11.3	10.9	11.2	9.4	11.1	10.1	7.9	11.2	9.2		10.8	8.1		8.7	7.0		6.4	6.0	4.3	
50.0	10.3	10.8	11.2	10.4	11.0	10.5	10.6	10.5	8.7	10.7	9.3	7.3	10.8	8.5	6.1	10.4	7.4		8.6	6.3		6.4	5.7	4.3	3.8
54.0	9.8	10.1	10.4	9.8	10.3	9.2	9.9	9.1	7.5	10.0	8.0	6.1	9.8	7.2	5.0	9.2	6.3	3.8	7.9	5.3		6.0	4.6	4.2	3.2
58.0		9.6	9.4		9.1	8.0		7.9	6.4		6.9	5.1	8.6	6.2	4.1	8.0	5.3	3.0	7.1	4.4	1.8	5.4	3.8	3.6	2.7
62.0						6.9		6.8	5.4		5.9	4.3		5.2	3.3		4.4	2.3		3.6			3.0		2.3
66.0												3.5			2.7		3.6	1.7		2.9			2.4		1.7
70.0															2.1								1.8		
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 40	8 to 59	8 to 56	8 to 23	8 to 58	8 to 67	8 to 57	8 to 49		
Standard hook block	35t															12.2t									
Hook block weight	950kg															440kg									
Standard number of parts of line	2															1									

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	25.8																										
18.0	22.8			23.1																							
20.0	20.6			20.6			20.5																				
22.0	18.9			19.0			19.1			18.9			18.2														
24.0	17.4	19.1		17.5			17.7			17.7			17.8														
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2					
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8		
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7		
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6		
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	15.4		13.2			12.2			9.8			7.5		
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	14.5		12.6	14.4		11.9			9.7			7.4		
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	13.5	11.1	12.7		11.6	13.7		11.9	13.9		11.5	12.2		9.6			7.4		
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	12.7	10.4	11.9	13.4	10.9	12.8		11.3	13.2		11.1	11.4		9.5	9.0		7.3		
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.8	9.8	11.2	12.6	10.3	12.1		10.6	12.3		10.6	10.7		9.3	8.4		7.2		
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	11.1	9.2	10.5	11.8	9.7	11.4	10.4	10.1	11.4		10.1	10.1		9.0	7.9		6.8	6.0	
46.0		8.8	9.3		9.2	9.9	8.6	9.5	10.5	8.7	9.9	11.1	9.1	10.7	9.6	9.5	10.6	7.8	9.6	9.5		8.5	7.4		6.4	5.6	
48.0		8.3	8.8		8.6	9.3		9.0	9.8		9.4	10.4		10.1	9.0		9.9	7.2	9.2	9.0	6.3	8.1	7.0		6.1	5.2	
50.0						8.8		8.5	9.3		8.8	9.8		9.5	8.3		9.2	6.7		8.5	5.8		6.6		5.7	4.9	
54.0									8.3			8.6		8.5	7.2		8.0	5.7		7.5	4.9		5.9	4.7		4.3	3.7
58.0															6.3			4.9			4.2		5.3	3.9		3.8	3.0
62.0																					3.5			3.3			2.4
66.0																											1.9
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t																					12.2t					
Hook block weight	950kg																					440kg					
Standard number of parts of line	3			2																		1					

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	18.8																										
20.0	17.2			17.1																							
22.0	15.8			15.8			15.8																				
24.0	14.6			14.6			14.7			14.6																	
26.0	13.5			13.5			13.7			13.7			13.9			12.8											
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5					
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4			6.2		
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3			6.1		
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2			6.1		
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1			6.0		
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	11.6		9.9			9.5			8.1			6.0		
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	11.0		9.4	10.9		9.1	10.2		8.0			5.9		
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	10.3		8.8	10.4		8.7	9.9		7.9			5.9		
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	9.8	8.2	9.7		8.4	9.9		8.3	9.6		7.7	7.8		5.9		
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	9.2	7.8	9.1	8.6	7.9	9.4		7.9	9.2		7.5	7.3		5.9	5.4	
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	8.7	7.3	8.6	7.9	7.5	8.9		7.6	8.9		7.2	6.9		5.8	5.1	
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.7	6.5	7.3	8.2	6.9	8.1	7.3	7.1	8.4	6.0	7.2	8.4		7.0	6.5		5.6	4.7	
54.0		5.9	6.2		6.1	6.5		6.3	6.9		6.6	7.3		7.2	6.3		7.4	5.0	6.5	7.4	4.7	6.5	5.8	3.7	5.0	4.2	
58.0									6.2		5.9	6.5		6.4	5.4		6.4	4.2		6.4	4.0		5.2	3.0		3.6	2.2
62.0												5.9			4.6			3.5		5.5	3.3		4.6	2.4		3.2	1.7
66.0																		2.9			2.7			1.8			
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 58	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 30
Standard hook block	35t																		12.2t								
Hook block weight	950kg																		440kg								
Standard number of parts of line	2																		1								

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
22.0	20.9			19.1																						
24.0	19.9			18.8			16.8																			
26.0	18.8			18.1			16.6			16.4			14.5													
28.0	17.6			17.3			16.3			16.1			14.4			11.8										
30.0	16.7			16.4			16.1			15.7			14.2			11.7			9.4			7.0				
32.0	15.7	16.8		15.6			15.4			15.3			14.1			11.7			9.3			6.9			4.9	
34.0	14.8	15.8		14.8	16.0		14.7			14.7			13.8			11.6			9.3			6.9			4.9	
36.0	14.0	15.0		14.0	15.2		14.0	15.1		14.1			13.5			11.5			9.2			6.8			4.8	
38.0	13.3	14.1		13.3	14.4		13.3	14.5		13.5	14.3		13.1	13.9		11.4			9.1			6.7			4.8	
40.0	12.6	13.4	14.1	12.7	13.7		12.7	13.9		12.9	13.7		12.6	13.3		11.3	11.4		9.1			6.7			4.7	
42.0	12.0	12.7	13.4	12.0	13.0	13.8	12.1	13.2		12.4	13.1		12.2	12.4		11.1	11.4		9.0			6.7			4.6	
44.0	11.4	12.1	12.7	11.5	12.3	13.1	11.5	12.6	11.6	11.8	12.2		11.7	11.4		10.9	10.6		9.0	8.9		6.6			4.6	
46.0	10.8	11.5	12.0	10.9	11.7	12.5	11.0	12.0	10.8	11.3	11.4		11.3	10.6		10.6	9.8		8.9	8.3		6.6	6.7		4.6	
48.0	10.3	10.9	11.4	10.4	11.2	11.7	10.5	11.5	10.0	10.8	10.6	8.4	10.8	9.8		10.4	9.1		8.9	7.6		6.6	6.4		4.6	
50.0	9.8	10.4	10.9	9.9	10.7	11.0	10.0	10.9	9.3	10.3	9.9	7.8	10.4	9.1	6.7	10.1	8.4		8.9	7.0		6.6	6.0		4.6	4.2
54.0	9.0	9.5	9.9	9.1	9.7	9.7	9.2	9.6	8.0	9.4	8.6	6.7	9.6	7.9	5.7	9.4	7.2	4.8	8.2	6.0		6.3	5.3		4.5	3.6
58.0		8.7	9.1		8.9	8.5		8.4	6.9		7.4	5.7	8.8	6.8	4.8	8.8	6.2	3.9	7.5	5.0	2.5	5.8	4.4	1.7	4.0	3.1
62.0						7.5		7.4	6.0		6.5	4.8		5.9	4.0		5.3	3.2		4.2	1.9		3.6			2.7
66.0												4.1			3.3		4.5	2.6		3.5			3.0			2.3
70.0															2.7			2.0					2.4			1.9
θ (°)	8 to 59	8 to 55	8 to 43	8 to 57	8 to 52	8 to 48	8 to 56	8 to 60	8 to 43	8 to 55	8 to 55	8 to 49	8 to 63	8 to 52	8 to 58	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 29	8 to 58	8 to 67	8 to 20	8 to 57	8 to 60	
Standard hook block	35t															12.2t										
Hook block weight	950kg															440kg										
Standard number of parts of line	2															1										

Counterweight 98t, outrigger extension width 8.0m
Boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
24.0	16.5			15.4																				
26.0	15.6			15.0			14.6			13.8														
28.0	14.8			14.4			14.1			13.4														
30.0	13.9			13.7			13.5			13.0			12.0			9.9								
32.0	13.1			13.0			12.9			12.5			11.7			9.8			7.9		5.7			
34.0	12.4	13.2		12.4			12.3			12.0			11.4			9.8			7.8		5.7		4.0	
36.0	11.7	12.5		11.7	12.7		11.7			11.6			11.0			9.7			7.8		5.6		4.0	
38.0	11.1	11.8		11.1	12.0		11.1	12.2		11.1			10.7			9.6			7.7		5.5		3.9	
40.0	10.5	11.2		10.5	11.4		10.6	11.6		10.6	11.6		10.3			9.4			7.7		5.4		3.9	
42.0	9.9	10.6	11.1	10.0	10.8		10.1	11.0		10.1	11.1		9.9	10.6		9.2			7.6		5.4		3.9	
44.0	9.4	10.0	10.5	9.5	10.3		9.6	10.5		9.6	10.7		9.5	10.1		8.9	9.1		7.6		5.4		3.8	
46.0	9.0	9.5	10.0	9.0	9.8	10.4	9.1	10.0		9.2	10.2		9.1	9.3		8.7	8.4		7.5	7.1	5.4		3.8	
48.0	8.5	9.0	9.5	8.6	9.3	9.9	8.7	9.5	8.9	8.8	9.7		8.8	8.6		8.4	7.7		7.5	6.5	5.4	5.5	3.7	
50.0	8.1	8.6	9.0	8.2	8.8	9.4	8.3	9.1	8.3	8.4	9.3	7.3	8.4	7.9		8.2	7.1		7.5	5.9	5.4	5.4	3.7	
54.0	7.4	7.8	8.2	7.5	8.0	8.5	7.6	8.3	7.1	7.7	8.1	6.2	7.7	6.7	4.5	7.6	6.0		7.1	4.9	5.4	4.5	3.7	3.2
58.0	6.7	7.1	7.4	6.8	7.3	7.7	6.9	7.5	6.0	7.0	7.0	5.2	7.1	5.7	3.7	7.1	5.0	2.7	6.8	4.0	5.3	3.7	3.6	2.7
62.0		6.5	6.8	6.3	6.7	6.7	6.4	6.6	5.2	6.4	6.0	4.4	6.5	4.9	2.9	6.6	4.2	2.1	6.1	3.3	5.1	3.0	3.4	2.2
66.0			6.2		6.1	5.8		5.7	4.4		5.2	3.6		4.1	2.3		3.5	1.5		2.6	4.6	2.3	3.0	1.6
70.0									3.7		4.5	3.0		3.4	1.8		2.8			2.1		1.8		
74.0												2.4								1.5				
θ (°)	8 to 56	8 to 51	8 to 49	8 to 63	8 to 58	8 to 44	8 to 62	8 to 54	8 to 50	8 to 60	8 to 63	8 to 58	8 to 59	8 to 58	8 to 41	8 to 58	8 to 55	8 to 31	8 to 56	8 to 64	8 to 64	8 to 49	8 to 63	8 to 39	
Standard hook block	35t															12.2t								
Hook block weight	950kg															440kg								
Standard number of parts of line	2															1								

Luffing Jib

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m		20.1m		25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	75°	68°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0					58.6														
16.0	60.2				57.0			53.7											
18.0	51.6		49.3		50.7			49.1			45.7			39.0					
20.0	45.0	43.6	43.0		44.2	41.0		43.2			41.6			36.5			30.5		
22.0	39.9	38.6	38.1			36.3		38.2	34.8		37.2			33.6			28.1		
24.0		34.9	34.1	32.5		32.6			31.2			29.5					24.1		
26.0				29.3		29.5	27.2		28.1			26.7			25.2				
28.0							24.7			23.0		24.2			22.1				
30.0										21.0			19.4		20.3			17.7	
32.0													17.9						
34.0																15.1			
36.0																			12.8
θ (°)	18 to 51	18 to 44	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																35t		
Hook block weight	1550kg																950kg		
Standard number of parts of line	6		5								4						3		

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	45.0	43.4		43.6	41.2		41.0			36.8			31.9			22.5								
22.0	39.8	38.3		38.7	36.4		37.4	34.4		35.8			31.5			22.1			17.8			13.7		
24.0	35.6	34.2	33.1	34.6	32.5		33.4	30.7		32.4	28.9		30.9			21.7			17.7			13.7		
26.0	32.2	30.9	29.8	31.2	29.3	27.6	30.1	27.6		29.2	26.0		28.2			21.3			17.4			13.7		
28.0	29.3	28.1	27.1	28.4	26.6	25.1	27.4	25.1		26.5	23.6		25.6	22.0		21.0			17.1			13.5		
30.0	26.8	25.7	24.8	26.0	24.3	22.9	25.0	22.9	20.7	24.2	21.6		23.4	20.1		20.7	18.7		16.9			13.3		
32.0		23.6	22.9	23.9	22.3	21.0	23.0	21.0	19.0	22.3	19.8	17.4	21.5	18.4		19.6	17.1		16.1	15.3		13.2		
34.0		21.8	21.2		20.6	19.4		19.4	17.5		18.2	16.0	19.8	17.0	14.4	18.5	15.8		15.1	14.2		12.9	11.7	
36.0			19.6		19.3	18.0		18.0	16.2		16.9	14.8		15.7	13.3		14.6			13.2		11.8	10.9	
38.0						16.7		16.7	15.0		15.7	13.7		14.6	12.3		13.5	10.6		12.3			10.1	
40.0									14.0			12.7		13.5	11.3		12.5	9.7		11.5	8.2		9.4	
42.0												11.8			10.5		11.7	9.0		10.6	7.5		8.8	
44.0															9.7			8.3			6.9		8.2	6.2
46.0																		7.6			6.3			5.6
48.0																					5.8			5.2
50.0																								4.7
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	38.1		37.9	36.0		37.0			34.0			28.7			20.9			17.0								
24.0	34.4	34.0		34.3	32.1		33.1	30.3		32.2			28.4			20.5			16.5			13.0			9.2		
26.0	31.4	30.7	29.8	30.9	28.9		29.8	27.3		29.0	25.8		27.7			20.2			16.2			12.8			9.0		
28.0	28.9	27.9	26.9	28.1	26.2	24.7	27.0	24.7		26.3	23.4		25.1	21.6		19.9			16.1			12.7			8.7		
30.0	26.6	25.5	24.7	25.7	24.0	22.5	24.7	22.6	20.3	24.0	21.3		21.6	19.7		19.6	18.3		15.9			12.6			8.6		
32.0	24.2	23.4	22.7	23.6	22.0	20.7	22.7	20.7	18.6	22.0	19.5	17.1	20.4	18.0		19.2	16.7		15.8	15.1		12.6			8.5		
34.0		21.6	20.9	21.2	20.3	19.1	21.0	19.1	17.2	20.3	18.0	15.7	19.4	16.6		18.4	15.4		15.2	14.0		12.5	11.6		8.5		
36.0		20.1	19.4		18.9	17.7		17.7	15.9		16.6	14.5	18.0	15.3	12.8	17.4	14.2		14.1	13.0		11.9	10.7		8.5		
38.0			18.0		17.7	16.4		16.4	14.7		15.4	13.4		14.2	11.7		13.1	10.1		11.9			10.0		8.5	8.0	
40.0						15.3			13.7		14.4	12.5		13.2	10.8		12.2	9.3		11.0			9.3			7.4	
42.0									12.7			11.6		12.3	10.0		11.3	8.5		10.1	7.0		8.7			6.9	
44.0												10.8			9.2			7.8		9.4	6.4		8.1	5.3		6.4	
46.0															8.5			7.2			5.8		7.6	4.8		6.0	
48.0																		6.6			5.3			4.4			4.1
50.0																					4.9			4.0			3.7
54.0																											3.0
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	19.0		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	20.2	16.9	19.2		16.0	18.2		17.4	17.4		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	18.7	15.8	17.9	16.6	15.1	17.2		16.4	16.0		15.8	14.2		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	17.3	14.8	16.7	15.3	14.2	16.0	13.8	15.4	14.7		15.2	13.1		13.8	12.1		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	16.1	13.9	15.7	14.2	13.5	14.8	12.8	14.5	13.6		14.5	12.0		13.5	11.1		10.7	9.9		8.4		
40.0		13.5	14.4		14.1	14.9	13.1	14.7	13.2	12.7	13.8	11.9	13.7	12.7	10.1	13.7	11.1		12.6	10.2		10.3	9.2		7.9	7.2	
42.0		12.8	13.5		13.2	14.0		13.8	12.3		12.9	11.0		11.8	9.3	13.0	10.2	7.3	11.9	9.4		9.7	8.6		7.4	6.7	
44.0					12.5	13.0		12.9	11.4		12.0	10.2		11.0	8.5		9.5	6.6		8.7			8.1		7.0	6.2	
46.0						12.2			10.7		11.2	9.4		10.3	7.9		8.8	6.1		8.0	5.1		7.5			5.8	
48.0									10.0			8.8		9.6	7.3		8.1	5.6		7.4	4.6		7.0	3.9		5.5	
50.0												8.1			6.7			5.1		6.9	4.2		6.4	3.5		5.1	3.1
54.0																		4.3			3.4			2.8			2.4
58.0																								2.2			1.8
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3						2												1					

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
16.0	36.7																									
18.0	35.8			30.8																						
20.0	35.1			30.2			23.7																			
22.0	34.3			29.7			23.2			18.5			17.9													
24.0	33.2			29.2			22.8			18.2			17.6													
26.0	30.6	29.2		28.7			22.4			17.9			17.4			14.9			12.9			10.1				
28.0	27.7	26.4		26.7	24.9		22.0			17.7			17.1			14.8			12.8			10.0			7.7	
30.0	25.3	24.1		24.3	22.7		21.7	21.0		17.4			16.9			14.6			12.7			9.9			7.5	
32.0	23.2	22.1	21.2	22.3	20.8		21.4	19.2		17.2	17.3		16.6			14.4			12.5			9.8			7.5	
34.0	21.4	20.3	19.5	20.5	19.1	17.5	19.7	17.6		17.0	15.8		16.4	14.7		14.3			12.3			9.7			7.4	
36.0	19.8	18.8	18.0	19.0	17.6	16.2	18.2	16.3		16.8	14.6		16.2	13.5		14.2	11.6		12.2			9.6			7.3	
38.0	18.4	17.4	16.7	17.6	16.3	15.0	16.9	15.1	13.3	15.8	13.5		15.3	12.5		14.1	10.6		12.2	9.7		9.6			7.2	
40.0	17.1	16.2	15.5	16.4	15.2	13.9	15.7	14.0	12.3	14.7	12.5	10.1	14.2	11.5		13.2	9.7		11.9	8.8		9.5	8.7		7.1	
42.0	16.0	15.1	14.5	15.3	14.2	12.9	14.6	13.0	11.4	13.7	11.6	9.3	13.2	10.6	7.8	12.2	8.9		11.4	8.0		9.1	8.1		6.9	6.1
44.0	14.4	14.2	13.5	14.3	13.2	12.1	13.7	12.1	10.6	12.8	10.8	8.5	12.4	9.7	7.1	11.4	8.1		10.8	7.3		8.7	7.5		6.5	5.6
46.0		13.3	12.7		12.4	11.3	12.8	11.3	9.8	12.0	10.0	7.9	11.6	9.0	6.5	10.6	7.5	4.7	10.3	6.7		8.2	6.9		6.1	5.3
48.0		12.5	11.9		11.6	10.5		10.6	9.1		9.3	7.2		8.3	5.9		6.9	4.2	9.6	6.1	3.2	7.7	6.3		5.7	4.9
50.0						9.9		9.9	8.4		8.6	6.7		7.7	5.4		6.3	3.8		5.6	2.8		5.8	2.8	5.4	4.6
54.0									7.3			5.6		6.6	4.5		5.3	3.0		4.7	2.1		4.8	2.1		3.8
58.0															3.7			2.3			1.5		4.0	1.5		3.1
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 36	8 to 66	8 to 58
Standard hook block	80t			35t																		12.2t				
Hook block weight	1550kg			950kg																		440kg				
Standard number of parts of line	4			3			2															1				

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
18.0	29.8																								
20.0	29.2			22.3																					
22.0	27.8			21.9			19.6																		
24.0	25.4			21.5			19.3			14.8			16.0												
26.0	23.5			21.1			18.9			14.7			15.9			13.8									
28.0	22.2	24.5		20.7			18.6			14.6			15.7			13.7			11.2			8.6			
30.0	21.0	22.3		20.4	20.4		18.4			14.5			15.6			13.6			11.1			8.5		6.1	
32.0	19.8	21.1		19.5	20.1		18.1	18.1		14.5			15.5			13.5			11.0			8.4		6.0	
34.0	18.8	19.8		18.6	18.5		17.9	16.9		14.4	14.4		15.3			13.4			10.9			8.3		6.0	
36.0	17.8	18.3	17.5	17.7	17.1		17.5	15.5		14.3	14.1		15.2	12.6		13.3			10.8			8.2		6.0	
38.0	16.9	17.0	16.2	16.9	15.8	14.4	16.2	14.3		14.3	13.0		14.6	11.5		13.2			10.8			8.2		6.0	
40.0	16.1	15.8	15.0	15.9	14.7	13.3	15.1	13.3	11.5	14.2	12.1		13.6	10.5		12.6	8.8		10.7	8.7		8.1		5.9	
42.0	15.3	14.7	14.0	14.9	13.7	12.4	14.0	12.3	10.5	13.3	11.2		12.6	9.6		11.7	8.0		10.6	8.0		8.0		5.8	
44.0	14.6	13.7	13.1	13.9	12.8	11.5	13.1	11.5	9.7	12.4	10.3	8.0	11.7	8.9		10.8	7.3		10.4	7.3		8.0	6.2	5.8	
46.0	13.7	12.9	12.2	13.0	11.9	10.8	12.3	10.7	9.0	11.6	9.5	7.3	11.0	8.1	5.6	10.1	6.7		10.2	6.6		7.9	5.6	5.8	5.0
48.0	12.9	12.1	11.4	12.2	11.2	10.1	11.5	10.0	8.3	10.9	8.8	6.7	10.2	7.5	5.1	9.3	6.1		9.6	6.1		7.7	5.1	5.6	4.5
50.0	11.8	11.4	10.7	11.5	10.5	9.4	10.8	9.4	7.7	10.2	8.1	6.1	9.6	6.9	4.6	8.6	5.6	3.0	8.9	5.5		7.3	4.6	5.3	4.0
54.0		10.2	9.5		9.2	8.2		8.1	6.5		7.0	5.1		5.8	3.7		4.6	2.3	7.7	4.6	2.0	6.6	3.7	4.7	3.2
58.0									5.6		6.0	4.3		4.9	3.0		3.8	1.6		3.8			3.0		2.5
62.0												3.5			2.3					3.1			2.3		1.9
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 34	8 to 64	8 to 62	8 to 23	8 to 62	8 to 57	8 to 60	8 to 52	
Standard hook block	35t																					12.2t				
Hook block weight	950kg																					440kg				
Standard number of parts of line	3			2															1							

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	25.8																										
18.0	22.8			23.1																							
20.0	20.6			20.6			20.5																				
22.0	18.9			19.0			19.1			18.9			18.2														
24.0	17.4	19.1		17.5			17.7			17.7			17.8														
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2					
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8		
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7		
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6		
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	15.2		13.2			12.2			9.8			7.5		
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	14.0		12.6	12.2		11.9			9.7			7.4		
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	13.5	11.1	12.7		11.6	13.0		11.9	11.2		11.5	10.4		9.6			7.4		
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	12.7	10.4	11.9	11.2	10.9	12.0		11.3	10.3		11.1	9.6		9.5	9.0		7.3		
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.8	9.8	11.2	10.3	10.3	11.2		10.6	9.5		10.6	8.8		9.3	8.4		7.2		
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	11.1	9.2	10.5	9.5	9.7	10.4	7.8	10.1	8.8		10.1	8.1		9.0	7.9		6.8	6.0	
46.0		8.8	9.3		9.2	9.9	8.6	9.5	10.4	8.7	9.9	8.8	9.1	9.6	7.1	9.5	8.1	5.4	9.6	7.5		8.5	7.4		6.4	5.6	
48.0		8.3	8.8		8.6	9.3		9.0	9.8		9.4	8.2		8.9	6.6		7.5	4.9	9.2	6.9	4.0	8.1	6.9		6.1	5.2	
50.0						8.8		8.5	9.1		8.8	7.6		8.3	6.1		6.9	4.4		6.3	3.6		6.3		5.7	4.9	
54.0									7.9			6.6		7.2	5.1		5.9	3.7		5.4	2.9		5.4	2.7		4.3	1.6
58.0															4.3			3.0			2.3		4.6	2.1		3.8	
62.0																					1.7			1.5			
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 58	8 to 24		
Standard hook block	35t																					12.2t				
Hook block weight	950kg																					440kg				
Standard number of parts of line	3			2																		1				

Counterweight 98t, outrigger extension width 6.8m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
18.0	18.8																									
20.0	17.2			17.1																						
22.0	15.8			15.8			15.8																			
24.0	14.6			14.6			14.7			14.6																
26.0	13.5			13.5			13.7			13.7			13.9			12.8										
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5				
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4			6.2	
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3			6.1	
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2			6.1	
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1			6.0	
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	11.6		9.9			9.5			8.1			6.0	
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	10.9		9.4	9.5		9.1	9.5		8.0			5.9	
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	10.1		8.8	8.7		8.7	8.7		7.9			5.9	
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	8.7	8.2	9.3		8.4	8.0		8.3	8.0		7.7	6.9		5.9	
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	8.0	7.8	8.6	6.1	7.9	7.4		7.9	7.3		7.5	6.3		5.9	5.4
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	7.4	7.3	7.9	5.5	7.5	6.8		7.6	6.8		7.2	5.8		5.8	5.1
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.7	6.5	7.3	6.8	6.9	7.4	5.1	7.1	6.3	3.7	7.2	6.2		7.0	5.3		5.6	4.7
54.0		5.9	6.2		6.1	6.5		6.3	6.9		6.6	5.8		6.3	4.2		5.3	3.0	6.5	5.3	2.7	6.5	4.4	1.6	5.0	3.8
58.0									6.2		5.9	5.0		5.4	3.5		4.5	2.3		4.5	2.1		3.7			3.1
62.0												4.2			2.8			1.8		3.7	1.5		3.0			2.5
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 38	8 to 62	8 to 57	8 to 20	8 to 60	8 to 52	
Standard hook block	35t																					12.2t				
Hook block weight	950kg																					440kg				
Standard number of parts of line	2																					1				

Luffing Jib

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	69.7			67.0			58.6														
16.0	62.6	60.6		60.2			57.0			53.7											
18.0	53.6	51.7		52.2	49.4		50.9			49.1			45.7			39.0					
20.0	42.2	45.1	43.7	44.8	43.0		44.3	41.0		43.2			41.6			36.5			30.5		
22.0		39.9	38.6		38.0			36.2		38.2	34.8		37.1			33.6			28.1		
24.0			34.8		34.0	32.4		32.5			31.1			29.4					24.1		
26.0						29.2		29.4	27.0		28.0			26.5			25.0				
28.0									24.5			22.8		24.1			22.1				
30.0												20.8			19.2		20.3			17.7	
32.0															17.6						
34.0																		14.9			
36.0																					12.6
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	45.1	43.5		43.6	41.3		41.0			36.8			31.9			22.5								
22.0	39.8	38.3		38.7	36.4		37.4	34.4		35.8			31.5			22.1			17.8			13.7		
24.0	35.5	34.2	33.0	34.5	32.4		33.4	30.6		32.3	28.8		30.9			21.7			17.7			13.7		
26.0	32.1	30.8	29.7	31.1	29.2	27.5	30.0	27.5		29.1	25.9		28.0			21.3			17.4			13.7		
28.0	29.2	27.9	26.9	28.3	26.4	24.9	27.2	25.0		26.4	23.5		25.4	21.9		21.0			17.1			13.5		
30.0	26.7	25.5	24.6	25.8	24.2	22.7	24.9	22.8	20.6	24.1	21.4		23.2	19.9		20.7	18.5		16.9			13.3		
32.0		23.5	22.8	23.8	22.2	20.9	22.9	20.9	18.8	22.1	19.6	17.2	21.3	18.3		19.6	16.9		16.1	15.3		13.2		
34.0		21.7	21.0		20.5	19.2		19.3	17.3		18.1	15.8	19.6	16.8	14.2	18.5	15.6		15.1	14.2		12.9	11.7	
36.0			19.5		19.1	17.8		17.8	16.0		16.7	14.6		15.5	13.1		14.4			13.2		11.8	10.9	
38.0						16.5		16.5	14.9		15.5	13.5		14.4	12.1		13.3	10.4		12.2			10.1	
40.0									13.8			12.5		13.4	11.1		12.4	9.5		11.3	7.9		9.4	
42.0												11.7			10.3		11.5	8.8		10.4	7.3		8.8	
44.0															9.5			8.1			6.7		8.2	6.0
46.0																		7.5			6.1			5.4
48.0																					5.6			5.0
50.0																								4.5
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	38.1		37.9	36.0		37.0			34.0			28.7			20.9			17.0								
24.0	34.4	34.0		34.2	32.0		33.0	30.2		32.1			28.4			20.5			16.5			13.0			9.2		
26.0	31.4	30.6	29.7	30.8	28.8		29.7	27.1		28.8	25.6		27.6			20.2			16.2			12.8			9.0		
28.0	28.9	27.7	26.8	28.0	26.1	24.6	26.9	24.6		26.1	23.2		25.0	21.4		19.9			16.1			12.7			8.7		
30.0	26.5	25.3	24.6	25.5	23.8	22.4	24.6	22.4	20.2	23.9	21.2		21.6	19.5		19.6	18.1		15.9			12.6			8.6		
32.0	24.2	23.3	22.6	23.5	21.9	20.5	22.5	20.5	18.5	21.9	19.4	16.9	20.4	17.8		19.2	16.5		15.8	15.1		12.6			8.5		
34.0		21.5	20.8	21.2	20.2	18.9	20.8	18.9	17.0	20.2	17.8	15.5	19.3	16.4		18.4	15.2		15.2	13.9		12.5	11.6		8.5		
36.0		19.9	19.3		18.7	17.5		17.5	15.7		16.5	14.3	17.8	15.1	12.6	17.2	14.0		14.1	12.8		11.9	10.7		8.5		
38.0			17.9		17.5	16.2		16.2	14.5		15.3	13.3		14.0	11.6		13.0	9.9		11.7			10.0		8.5	8.0	
40.0						15.1			13.5		14.2	12.3		13.0	10.6		12.0	9.1		10.8			9.3			7.4	
42.0									12.6			11.4		12.1	9.8		11.2	8.3		10.0	6.8		8.7			6.9	
44.0												10.7			9.1			7.7		9.2	6.2		8.1	5.1		6.4	
46.0															8.4			7.0			5.7		7.6	4.6		6.0	
48.0																		6.5			5.2			4.2			3.9
50.0																					4.7			3.8			3.5
54.0																											2.8
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	18.8		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	20.1	16.9	19.2		16.0	18.2		17.4	17.2		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	18.5	15.8	17.9	16.4	15.1	17.2		16.4	15.8		15.8	14.0		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	17.1	14.8	16.7	15.1	14.2	15.8	13.6	15.4	14.6		15.2	12.9		13.8	11.9		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	15.9	13.9	15.7	14.0	13.5	14.7	12.6	14.5	13.5		14.5	11.8		13.5	10.9		10.7	9.9		8.4		
40.0		13.5	14.4		14.1	14.8	13.1	14.6	13.0	12.7	13.6	11.7	13.7	12.5	9.9	13.7	10.9		12.6	10.0		10.3	9.2		7.9	7.2	
42.0		12.8	13.5		13.2	13.8		13.7	12.1		12.7	10.8		11.6	9.1	13.0	10.1	7.1	11.9	9.2		9.7	8.6		7.4	6.7	
44.0					12.5	12.9		12.8	11.3		11.8	10.0		10.8	8.4		9.3	6.5		8.5			8.0		7.0	6.2	
46.0						12.1			10.5		11.1	9.3		10.1	7.7		8.6	5.9		7.9	4.9		7.4			5.8	
48.0									9.9			8.6		9.4	7.1		7.9	5.4		7.3	4.4		6.8	3.7		5.5	
50.0												8.0			6.6			4.9		6.7	4.0		6.2	3.3		5.1	2.9
54.0																		4.1			3.3			2.6			2.2
58.0																								2.0			1.6
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3						2												1					

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
16.0	36.7																									
18.0	35.8			30.8																						
20.0	35.1			30.2			23.7																			
22.0	34.3			29.7			23.2			18.5			17.9													
24.0	33.2			29.2			22.8			18.2			17.6													
26.0	30.5	29.1		28.7			22.4			17.9			17.4			14.9			12.9			10.1				
28.0	27.6	26.3		26.6	24.8		22.0			17.7			17.1			14.8			12.8			10.0			7.7	
30.0	25.2	24.0		24.2	22.6		21.7	20.9		17.4			16.9			14.6			12.7			9.9			7.5	
32.0	23.1	21.9	21.1	22.2	20.6		21.3	19.1		17.2	17.1		16.6			14.4			12.5			9.8			7.5	
34.0	21.3	20.2	19.4	20.4	18.9	17.4	19.5	17.5		17.0	15.7		16.4	14.5		14.3			12.3			9.7			7.4	
36.0	19.6	18.6	17.9	18.8	17.5	16.0	18.0	16.1		16.8	14.4		16.2	13.4		14.2	11.4		12.2			9.6			7.3	
38.0	18.2	17.3	16.6	17.5	16.2	14.8	16.7	14.9	13.1	15.6	13.3		15.2	12.3		14.0	10.4		12.2	9.5		9.6			7.2	
40.0	17.0	16.1	15.4	16.3	15.0	13.7	15.5	13.8	12.1	14.5	12.3	10.0	14.1	11.3		13.0	9.5		11.9	8.6		9.5	8.7		7.1	
42.0	15.9	15.0	14.3	15.2	14.0	12.8	14.5	12.9	11.2	13.5	11.4	9.1	13.1	10.4	7.6	12.1	8.7		11.4	7.9		9.1	8.0		6.9	6.1
44.0	14.4	14.0	13.4	14.2	13.1	11.9	13.5	12.0	10.4	12.6	10.6	8.4	12.2	9.6	6.9	11.2	8.0		10.8	7.2		8.7	7.4		6.5	5.6
46.0		13.2	12.5		12.2	11.1	12.7	11.2	9.6	11.9	9.9	7.7	11.4	8.8	6.3	10.5	7.3	4.5	10.2	6.5		8.2	6.7		6.1	5.3
48.0		12.4	11.8		11.5	10.4		10.5	8.9		9.1	7.1		8.2	5.8		6.7	4.0	9.4	6.0	3.0	7.7	6.2		5.7	4.9
50.0						9.7		9.8	8.3		8.5	6.5		7.5	5.3		6.1	3.6		5.4	2.7		5.6	2.6	5.4	4.5
54.0									7.1			5.5		6.4	4.4		5.1	2.8		4.5	2.0		4.7	1.9		3.7
58.0															3.6			2.2					3.9			2.9
θ(°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 32	8 to 61	8 to 66	8 to 28	8 to 66	8 to 58
Standard hook block	80t			35t																		12.2t				
Hook block weight	1550kg			950kg																		440kg				
Standard number of parts of line	4			3			2															1				

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
18.0	29.8																								
20.0	29.2			22.3																					
22.0	27.8			21.9			19.6																		
24.0	25.4			21.5			19.3			14.8			16.0												
26.0	23.5			21.1			18.9			14.7			15.9			13.8									
28.0	22.2	24.5		20.7			18.6			14.6			15.7			13.7			11.2			8.6			
30.0	21.0	22.3		20.4	20.4		18.4			14.5			15.6			13.6			11.1			8.5	6.1		
32.0	19.8	21.1		19.5	20.0		18.1	18.1		14.5			15.5			13.5			11.0			8.4	6.0		
34.0	18.8	19.7		18.6	18.4		17.9	16.7		14.4	14.4		15.3			13.4			10.9			8.3	6.0		
36.0	17.8	18.2	17.3	17.7	17.0		17.4	15.4		14.3	14.0		15.2	12.4		13.3			10.8			8.2	6.0		
38.0	16.9	16.8	16.0	16.9	15.7	14.2	16.1	14.2		14.3	12.9		14.5	11.3		13.2			10.8			8.2	6.0		
40.0	16.1	15.6	14.9	15.8	14.5	13.2	14.9	13.1	11.3	14.2	11.9		13.4	10.3		12.4	8.6		10.7	8.6		8.1	5.9		
42.0	15.3	14.5	13.8	14.7	13.5	12.2	13.9	12.2	10.4	13.2	11.0		12.5	9.5		11.5	7.9		10.6	7.8		8.0	5.8		
44.0	14.4	13.6	12.9	13.7	12.6	11.4	13.0	11.3	9.6	12.3	10.1	7.8	11.6	8.7		10.7	7.1		10.4	7.1		8.0	6.0	5.8	
46.0	13.5	12.7	12.1	12.9	11.8	10.6	12.1	10.6	8.8	11.4	9.4	7.1	10.8	8.0	5.4	9.9	6.5		10.2	6.5		7.9	5.5	5.8	4.8
48.0	12.7	11.9	11.3	12.1	11.0	9.9	11.4	9.9	8.1	10.7	8.6	6.5	10.1	7.3	4.9	9.2	5.9		9.5	5.9		7.7	4.9	5.6	4.3
50.0	11.8	11.2	10.6	11.3	10.3	9.3	10.7	9.2	7.5	10.1	8.0	6.0	9.4	6.7	4.4	8.5	5.4	2.8	8.8	5.4		7.3	4.4	5.3	3.8
54.0		10.1	9.4		9.1	8.0		8.0	6.4		6.8	5.0		5.7	3.6		4.5	2.1	7.6	4.4	1.8	6.6	3.6	4.7	3.0
58.0									5.4		5.9	4.1		4.8	2.8		3.7	1.5		3.6			2.8		2.3
62.0												3.4			2.2					2.9			2.2		1.7
θ(°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 34	8 to 64	8 to 62	8 to 23	8 to 62	8 to 57	8 to 60	8 to 52	
Standard hook block	35t																					12.2t				
Hook block weight	950kg																					440kg				
Standard number of parts of line	3			2															1							

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
16.0	25.8																									
18.0	22.8			23.1																						
20.0	20.6			20.6			20.5																			
22.0	18.9			19.0			19.1			18.9			18.2													
24.0	17.4	19.1		17.5			17.7			17.7			17.8													
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2				
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8	
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7	
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6	
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	15.0		13.2			12.2			9.8			7.5	
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	13.8		12.6	12.0		11.9			9.7			7.4	
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	13.5	11.1	12.7		11.6	12.8		11.9	11.0		11.5	10.2		9.6			7.4	
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	12.6	10.4	11.9	11.0	10.9	11.8		11.3	10.1		11.1	9.4		9.5	9.0		7.3	
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.8	9.8	11.2	10.1	10.3	11.0		10.6	9.3		10.6	8.6		9.3	8.4		7.2	
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	11.0	9.2	10.5	9.4	9.7	10.2	7.6	10.1	8.6		10.1	7.9		9.0	7.9		6.8	6.0
46.0		8.8	9.3		9.2	9.9	8.6	9.5	10.3	8.7	9.9	8.7	9.1	9.4	7.0	9.5	7.9	5.2	9.6	7.3		8.5	7.3		6.4	5.6
48.0		8.3	8.8		8.6	9.3		9.0	9.6		9.4	8.0		8.8	6.4		7.3	4.7	9.2	6.7	3.8	8.1	6.7		6.1	5.2
50.0						8.8		8.5	9.0		8.8	7.4		8.2	5.9		6.8	4.3		6.2	3.4		6.2		5.7	4.9
54.0									7.8			6.4		7.0	5.0		5.8	3.5		5.2	2.7		5.2	2.5		4.3
58.0															4.2			2.8			2.1		4.4	1.9		3.7
62.0																					1.6					
θ(°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 58	8 to 61	8 to 66	8 to 36	8 to 66	8 to 58
Standard hook block	35t																					12.2t				
Hook block weight	950kg																					440kg				
Standard number of parts of line	3			2																		1				

Counterweight 78t, outrigger extension width 8.5m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius(m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
18.0	18.8																									
20.0	17.2			17.1																						
22.0	15.8			15.8			15.8																			
24.0	14.6			14.6			14.7			14.6																
26.0	13.5			13.5			13.7			13.7			13.9			12.8										
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5				
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4			6.2	
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3			6.1	
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2			6.1	
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1			6.0	
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	11.6		9.9			9.5			8.1			6.0	
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	10.8		9.4	9.3		9.1	9.3		8.0			5.9	
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	9.9		8.8	8.6		8.7	8.5		7.9			5.9	
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	8.5	8.2	9.1		8.4	7.9		8.3	7.8		7.7	6.7		5.9	
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	7.9	7.8	8.4	5.9	7.9	7.2		7.9	7.2		7.5	6.2		5.9	5.4
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	7.2	7.3	7.8	5.4	7.5	6.6		7.6	6.6		7.2	5.6		5.8	4.9
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.7	6.5	7.3	6.7	6.9	7.2	4.9	7.1	6.1	3.5	7.2	6.1		7.0	5.1		5.6	4.5
54.0		5.9	6.2		6.1	6.5		6.3	6.9		6.6	5.7		6.2	4.1		5.1	2.8	6.5	5.1	2.5	6.5	4.3	1.5	5.0	3.7
58.0									6.2		5.9	4.8		5.3	3.3		4.3	2.2		4.3	1.9		3.5			3.0
62.0												4.1			2.7			1.6		3.6			2.9			2.4
θ(°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 30	8 to 62	8 to 57	8 to 20	8 to 60	8 to 52
Standard hook block	35t																		12.2t							
Hook block weight	950kg																		440kg							
Standard number of parts of line	2																		1							

Luffing Jib

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	69.7			67.0			58.6														
16.0	61.4	59.4		59.8			57.0			53.7											
18.0	52.3	50.5		51.0	48.1		49.6			48.3			45.7			39.0					
20.0	42.2	43.8	42.4	44.2	41.8		43.0	39.7		41.9			40.7			36.5			30.5		
22.0		38.7	37.4		36.8			34.9		36.9	33.5		35.9			33.6			28.1		
24.0			33.7		32.9	31.3		31.4			29.9			28.2					24.1		
26.0						28.1		28.2	25.9		26.8			25.3			23.8				
28.0									23.4			21.7		23.0			21.6				
30.0												19.8			18.2		19.6			17.7	
32.0															16.6						
34.0																		13.9			
36.0																					11.6
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	55.2			47.4			42.6			38.1														
18.0	50.3			46.8			41.8			37.5			32.4											
20.0	43.9	42.3		42.6	40.0		41.0			36.8			31.9			22.5								
22.0	38.6	37.1		37.5	35.2		36.2	33.1		35.0			31.5			22.1			17.8			13.7		
24.0	34.4	33.0	31.9	33.4	31.3		32.2	29.4		31.1	27.6		30.0			21.7			17.7			13.7		
26.0	31.0	29.7	28.6	30.1	28.1	26.4	28.9	26.4		28.0	24.8		26.9			21.3			17.4			13.7		
28.0	28.2	26.9	25.9	27.2	25.4	23.9	26.2	23.9		25.3	22.4		24.4	20.8		21.0			17.1			13.5		
30.0	25.7	24.6	23.6	24.9	23.2	21.7	23.9	21.8	19.5	23.1	20.4		22.2	18.9		20.7	17.4		16.9			13.3		
32.0		22.5	21.8	22.8	21.2	19.9	21.9	19.9	17.9	21.1	18.7	16.2	20.3	17.3		19.6	15.9		16.1	14.6		13.2		
34.0		20.8	20.1		19.6	18.3		18.3	16.4		17.1	14.8	18.7	15.9	13.2	18.0	14.6		15.1	13.4		12.9	11.7	
36.0			18.6		18.3	16.9		17.0	15.2		15.8	13.7		14.6	12.1		13.5			12.3		11.8	10.9	
38.0						15.7		15.7	14.0		14.7	12.6		13.5	11.1		12.5	9.4		11.3			10.1	
40.0									13.0			11.7		12.6	10.2		11.5	8.6		10.4	7.0		9.4	
42.0												10.9			9.4		10.7	7.9		9.6	6.4		8.8	
44.0															8.7			7.3			5.8		8.2	5.1
46.0																		6.7			5.3			4.6
48.0																					4.8			4.2
50.0																								3.8
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	40.8			40.7																							
16.0	40.8			40.7			40.1			35.0																	
18.0	40.8			40.7			39.4			35.0			29.5														
20.0	40.6	40.8		40.7			38.6			34.6			29.1			21.3											
22.0	37.6	36.9		37.2	34.8		35.8			34.0			28.7			20.9			17.0								
24.0	34.2	32.8		33.1	30.9		31.8	29.0		30.9			28.4			20.5			16.5			13.0			9.2		
26.0	30.8	29.5	28.6	29.7	27.7		28.6	26.0		27.7	24.5		26.5			20.2			16.2			12.8			9.0		
28.0	28.0	26.7	25.7	26.9	25.1	23.5	25.9	23.5		25.1	22.1		23.9	20.3		19.9			16.1			12.7			8.7		
30.0	25.5	24.4	23.6	24.6	22.8	21.4	23.6	21.4	19.1	22.9	20.1		21.6	18.5		19.6	17.0		15.9			12.6			8.6		
32.0	23.4	22.3	21.6	22.5	20.9	19.6	21.6	19.6	17.5	20.9	18.4	15.9	19.9	16.9		19.2	15.5		15.8	14.2		12.6			8.5		
34.0		20.6	19.9	20.8	19.3	18.0	19.9	18.0	16.1	19.3	16.9	14.6	18.4	15.5		17.7	14.2		15.2	12.9		12.5	11.6		8.5		
36.0		19.1	18.4		17.8	16.6		16.6	14.8		15.6	13.4	17.0	14.2	11.6	16.3	13.1		14.1	11.8		11.9	10.7		8.5		
38.0			17.1		16.7	15.4		15.4	13.7		14.4	12.4		13.2	10.6		12.1	8.9		10.8			9.8		8.5	8.0	
40.0						14.3			12.7		13.4	11.5		12.2	9.7		11.2	8.2		9.9			9.0			7.4	
42.0									11.8			10.7		11.3	9.0		10.4	7.5		9.1	5.9		8.2			6.9	
44.0												9.9			8.2			6.8		8.4	5.3		7.6	4.3		6.4	
46.0															7.6			6.2			4.8		6.9	3.8		6.0	
48.0																		5.7			4.4			3.4			3.1
50.0																					4.0			3.0			2.7
54.0																											2.1
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	80t									35t															12.2t		
Hook block weight	1550kg									950kg															440kg		
Standard number of parts of line	4									3						2									1		

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
14.0	36.7																										
16.0	33.2			33.2																							
18.0	30.3			30.4			30.3																				
20.0	27.5			28.0			28.2			20.6			21.8														
22.0	24.4	27.5		25.1			26.0			20.3			21.4														
24.0	22.1	24.3		22.3	26.0		23.1			19.8			21.0			17.5			14.5								
26.0	20.3	22.3		20.7	23.2		21.0	24.9		19.0			20.4			17.0			14.3			11.7			9.4		
28.0	18.8	20.6	22.2	19.2	21.4		19.5	22.2		18.0	19.7		19.6			16.7			14.1			11.2			9.3		
30.0	17.5	19.0	20.5	17.8	19.9		18.1	20.7		17.0	19.2		18.5	17.8		16.4			14.1			10.9			9.2		
32.0	16.3	17.7	19.0	16.6	18.4	19.2	16.9	19.0		16.0	17.7		17.4	16.2		16.2			14.0			10.9			9.1		
34.0	15.2	16.5	17.6	15.5	17.2	17.6	15.8	17.5	15.5	15.1	16.2		16.4	14.8		15.8	13.1		13.9			10.9			8.9		
36.0	14.3	15.4	16.4	14.5	16.0	16.3	14.8	16.1	14.2	14.2	15.0	12.7	15.4	13.7		15.2	11.9		13.8	10.9		10.9			8.7		
38.0	13.4	14.4	15.4	13.6	15.0	15.1	13.9	14.9	13.2	13.5	13.8	11.7	14.5	12.6		14.2	10.9		13.5	10.0		10.7	9.3		8.4		
40.0		13.5	14.4		14.1	14.0	13.1	13.9	12.2	12.7	12.8	10.8	13.7	11.7	9.0	13.2	10.0		12.6	9.2		10.3	8.5		7.9	7.2	
42.0		12.8	13.5		13.2	13.0		12.9	11.3		11.9	10.0		10.8	8.2	12.3	9.2	6.2	11.9	8.4		9.7	7.8		7.4	6.7	
44.0					12.5	12.2		12.0	10.5		11.1	9.2		10.1	7.6		8.5	5.6		7.7			7.2		7.0	6.2	
46.0						11.4			9.8		10.4	8.5		9.4	6.9		7.8	5.1		7.1	4.1		6.6			5.8	
48.0									9.2			7.9		8.7	6.4		7.2	4.6		6.5	3.7		6.0	3.0		5.5	
50.0												7.3			5.8			4.2		6.0	3.3		5.5	2.6		5.1	2.1
54.0																		3.4			2.6			2.0			1.5
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 40	8 to 65	8 to 49	8 to 34
Standard hook block	80t			35t																		12.2t					
Hook block weight	1550kg			950kg																		440kg					
Standard number of parts of line	4			3						2												1					

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
16.0	36.7																									
18.0	35.8			30.8																						
20.0	35.1			30.2			23.7																			
22.0	34.3			29.7			23.2			18.5			17.9													
24.0	32.8			29.2			22.8			18.2			17.6													
26.0	29.4	28.1		28.3			22.4			17.9			17.4			14.9			12.9			10.1				
28.0	26.6	25.3		25.6	23.8		22.0			17.7			17.1			14.8			12.8			10.0			7.7	
30.0	24.2	23.0		23.2	21.6		21.7	19.9		17.4			16.9			14.6			12.7			9.9			7.5	
32.0	22.1	21.0	20.1	21.2	19.7		20.3	18.1		17.2	16.1		16.6			14.4			12.5			9.8			7.5	
34.0	20.4	19.3	18.5	19.5	18.1	16.5	18.7	16.6		17.0	14.8		16.4	13.6		14.3			12.3			9.7			7.4	
36.0	18.8	17.8	17.0	18.0	16.6	15.2	17.2	15.3		16.0	13.5		15.6	12.5		14.2	10.4		12.2			9.6			7.3	
38.0	17.4	16.5	15.7	16.7	15.4	14.0	15.9	14.1	12.3	14.8	12.5		14.4	11.4		13.2	9.5		12.2	8.5		9.6			7.2	
40.0	16.2	15.3	14.6	15.5	14.3	13.0	14.8	13.0	11.3	13.7	11.5	9.1	13.3	10.4		12.2	8.6		11.8	7.7		9.5	7.9		7.1	
42.0	15.1	14.2	13.6	14.4	13.3	12.0	13.7	12.1	10.5	12.8	10.7	8.3	12.3	9.6	6.8	11.3	7.8		11.0	7.0		9.1	7.2		6.9	5.8
44.0	14.1	13.3	12.7	13.5	12.4	11.2	12.8	11.3	9.6	11.9	9.9	7.6	11.5	8.8	6.1	10.5	7.1		10.2	6.3		8.7	6.5		6.5	5.3
46.0		12.5	11.8		11.6	10.4	12.0	10.5	8.9	11.2	9.1	6.9	10.7	8.1	5.6	9.8	6.5	3.7	9.4	5.8		8.2	5.9		6.1	4.7
48.0		11.7	11.1		10.8	9.7		9.8	8.2		8.4	6.3		7.4	5.0		5.9	3.3	8.7	5.2	2.3	7.7	5.4		5.7	4.2
50.0						9.1		9.1	7.6		7.8	5.8		6.8	4.5		5.4	2.9		4.7	1.9		4.9	1.8	5.4	3.8
54.0									6.5			4.8		5.8	3.7		4.5	2.2		3.8			4.0			3.0
58.0															2.9			1.5					3.2			2.3
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 24	8 to 61	8 to 66	8 to 21	8 to 66	8 to 58
Standard hook block	80t			35t																		12.2t				
Hook block weight	1550kg			950kg																		440kg				
Standard number of parts of line	4			3			2															1				

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
16.0	25.8																									
18.0	22.8			23.1																						
20.0	20.6			20.6			20.5																			
22.0	18.9			19.0			19.1			18.9			18.2													
24.0	17.4	19.1		17.5			17.7			17.7			17.8													
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7			10.2				
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6			10.1			7.8	
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5			10.0			7.7	
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	15.5		14.0			13.8			12.4			9.8			7.6	
34.0	12.0	12.9	13.8	12.1	13.5	14.7	12.4	14.0		12.6	14.5		13.2	14.1		13.2			12.2			9.8			7.5	
36.0	11.2	12.1	12.9	11.4	12.5	13.6	11.6	13.1		11.8	13.6		12.4	12.9		12.6	11.1		11.9			9.7			7.4	
38.0	10.5	11.3	12.0	10.7	11.7	12.8	10.9	12.2	12.8	11.1	12.7		11.6	11.9		11.9	10.1		11.5	9.3		9.6			7.4	
40.0	9.8	10.6	11.3	10.0	11.0	11.9	10.2	11.4	11.8	10.4	11.9	10.1	10.9	11.0		11.3	9.2		11.1	8.5		9.5	8.4		7.3	
42.0	9.3	9.9	10.6	9.4	10.3	11.2	9.6	10.8	11.0	9.8	11.2	9.3	10.3	10.2		10.6	8.5		10.6	7.8		9.3	7.7		7.2	
44.0	8.7	9.4	9.9	8.9	9.7	10.5	9.1	10.1	10.2	9.2	10.5	8.6	9.7	9.4	6.8	10.1	7.8		10.1	7.1		9.0	7.1		6.8	6.0
46.0		8.8	9.3		9.2	9.9	8.6	9.5	9.5	8.7	9.9	7.9	9.1	8.7	6.2	9.5	7.1	4.4	9.6	6.5		8.5	6.5		6.4	5.5
48.0		8.3	8.8		8.6	9.3		9.0	8.9		9.3	7.3		8.0	5.7		6.6	3.9	9.2	6.0	3.0	8.1	5.9		6.1	5.0
50.0						8.8		8.5	8.3		8.7	6.7		7.4	5.2		6.0	3.5		5.5	2.7		5.4		5.7	4.5
54.0									7.1			5.7		6.4	4.3		5.1	2.8		4.6	2.0		4.6	1.8		3.7
58.0															3.6			2.2			1.5		3.8			3.0
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 28	8 to 66	8 to 58
Standard hook block	35t																					12.2t				
Hook block weight	950kg																					440kg				
Standard number of parts of line	3			2																		1				

Counterweight 78t, outrigger extension width 8.0m
Boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
18.0	18.8																								
20.0	17.2			17.1																					
22.0	15.8			15.8			15.8																		
24.0	14.6			14.6			14.7			14.6															
26.0	13.5			13.5			13.7			13.7			13.9			12.8									
28.0	12.5	13.6		12.6			12.7			12.8			13.2			12.5			10.8			8.5			
30.0	11.6	12.6		11.7	13.0		11.9			12.0			12.5			12.0			10.7			8.4	6.2		
32.0	10.8	11.7		10.9	12.1		11.1	12.5		11.2			11.9			11.5			10.4			8.3	6.1		
34.0	10.1	10.8		10.2	11.3		10.3	11.6		10.5	12.0		11.2			11.0			10.2			8.2	6.1		
36.0	9.4	10.2	10.8	9.5	10.5		9.7	10.9		9.8	11.3		10.5			10.4			9.8			8.1	6.0		
38.0	8.8	9.5	10.1	8.9	9.8	10.7	9.1	10.2		9.2	10.6		9.9	10.8		9.9			9.5			8.1	6.0		
40.0	8.3	8.9	9.5	8.4	9.2	10.0	8.5	9.6	10.5	8.7	9.9		9.3	9.9		9.4	8.5		9.1	8.4		8.0	5.9		
42.0	7.8	8.3	8.9	7.9	8.6	9.3	8.0	9.0	9.9	8.2	9.3		8.7	9.1		8.8	7.7		8.7	7.7		7.9	5.9		
44.0	7.3	7.8	8.3	7.4	8.1	8.8	7.6	8.4	9.3	7.7	8.8	7.7	8.2	8.3		8.4	7.0		8.3	7.0		7.7	5.9	5.9	
46.0	6.9	7.4	7.8	7.0	7.6	8.2	7.1	7.9	8.7	7.3	8.2	7.1	7.8	7.7	5.1	7.9	6.4		7.9	6.4		7.5	5.4	5.9	4.6
48.0	6.5	7.0	7.4	6.6	7.2	7.8	6.7	7.5	8.2	6.9	7.8	6.5	7.3	7.1	4.6	7.5	5.9		7.6	5.8		7.2	4.9	5.8	4.2
50.0	6.2	6.6	6.9	6.3	6.8	7.3	6.4	7.1	7.6	6.5	7.3	6.0	6.9	6.5	4.2	7.1	5.4	2.8	7.2	5.3		7.0	4.4	5.6	3.8
54.0		5.9	6.2		6.1	6.5		6.3	6.5		6.6	5.0		5.5	3.4		4.5	2.1	6.5	4.5	1.8	6.5	3.6	5.0	3.0
58.0									5.6		5.9	4.2		4.7	2.7		3.7	1.5		3.7			2.9		2.3
62.0												3.5			2.1					3.0			2.3		1.8
θ (°)	8 to 63	8 to 62	8 to 47	8 to 61	8 to 56	8 to 42	8 to 59	8 to 52	8 to 48	8 to 58	8 to 62	8 to 56	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 34	8 to 64	8 to 62	8 to 23	8 to 62	8 to 57	8 to 60	8 to 52	
Standard hook block	35t																		12.2t							
Hook block weight	950kg																		440kg							
Standard number of parts of line	2																		1							

Luffing Jib

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	62.8			61.1			58.6														
16.0	52.5	50.6		51.0			49.5			48.2											
18.0	45.1	43.3		43.8	41.0		42.4			41.2			39.8			38.4					
20.0	39.3	37.7	36.3	38.1	35.7		37.0	33.7		35.9			34.7			33.4			30.5		
22.0		33.4	32.1		31.6			29.8		31.7	28.3		30.7			29.5			28.1		
24.0			29.0		28.2	26.6		26.8			25.3			23.7					24.1		
26.0						24.0		24.1	21.8		22.8			21.3			19.8				
28.0									19.8			18.1		19.3			17.9				
30.0												16.5			14.9		16.3			15.3	
32.0															13.6						
34.0																		11.0			
36.0																					8.7
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	50.8			47.4			42.6			38.1														
18.0	43.4			42.0			40.4			37.5			32.4											
20.0	37.7	36.1		36.5	34.0		35.1			33.8			31.9			22.5								
22.0	33.3	31.8		32.2	29.9		30.9	27.9		29.8			28.6			22.1			17.8			13.7		
24.0	29.7	28.4	27.2	28.7	26.6		27.6	24.8		26.5	23.1		25.4			21.7			17.7			13.7		
26.0	26.8	25.5	24.4	25.9	23.9	22.2	24.8	22.3		23.8	20.7		22.8			21.3			17.4			13.7		
28.0	24.4	23.1	22.1	23.5	21.7	20.1	22.5	20.2		21.6	18.7		20.6	17.1		19.8			17.1			13.5		
30.0	22.3	21.1	20.2	21.4	19.7	18.3	20.5	18.4	16.2	19.7	17.0		18.8	15.6		18.0	14.1		16.9			13.3		
32.0		19.4	18.7	19.7	18.1	16.8	18.8	16.8	14.8	18.0	15.6	13.1	17.2	14.2		16.5	12.9		15.6	11.3		13.2		
34.0		17.9	17.2		16.7	15.4		15.5	13.6		14.3	12.0	15.8	13.0	10.1	15.2	11.8		14.3	10.3		12.9	9.6	
36.0			15.9		15.5	14.3		14.3	12.5		13.2	11.0		12.0	9.2		10.8			9.4		11.8	8.8	
38.0						13.2		13.2	11.5		12.2	10.1		11.1	8.4		9.9	6.7		8.5			8.0	
40.0									10.7			9.3		10.2	7.6		9.1	6.0		7.8	4.5		7.3	
42.0												8.6			7.0		8.3	5.5		7.1	4.0		6.6	
44.0															6.4			5.0			3.6		6.1	2.8
46.0																		4.5			3.2			2.5
48.0																					2.8			2.1
50.0																								1.8
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
14.0	40.8			40.7																						
16.0	40.8			40.7			40.1			35.0																
18.0	40.8			40.7			39.4			35.0			29.5													
20.0	37.5	35.9		36.1			34.7			33.6			29.1			21.3										
22.0	33.1	31.6		31.8	29.5		30.5			29.5			28.1			20.9			17.0							
24.0	29.5	28.1		28.4	26.2		27.2	24.4		26.3			24.9			20.5			16.5			13.0			9.2	
26.0	26.6	25.3	24.4	25.6	23.6		24.4	21.9		23.6	20.4		22.4			20.2			16.2			12.8			9.0	
28.0	24.2	22.9	22.0	23.2	21.3	19.8	22.1	19.8		21.4	18.4		20.2	16.7		19.4			16.1			12.7			8.7	
30.0	22.1	20.9	20.2	21.1	19.4	18.0	20.1	18.0	15.8	19.5	16.8		18.4	15.1		17.6	13.7		15.9			12.6			8.6	
32.0	20.3	19.2	18.5	19.4	17.8	16.5	18.5	16.5	14.4	17.8	15.3	12.9	16.8	13.8		16.1	12.4		15.2	10.7		12.6			8.5	
34.0		17.7	17.0	17.9	16.4	15.1	17.0	15.1	13.2	16.4	14.0	11.8	15.5	12.6		14.8	11.3		13.9	9.7		12.5	8.6		8.5	
36.0		16.4	15.7		15.1	13.9		13.9	12.2		12.9	10.7	14.3	11.6	8.6	13.6	10.3		12.8	8.8		11.9	7.8		8.5	
38.0			14.5		14.2	12.9		12.9	11.2		11.9	9.8		10.7	7.8		9.4	6.2		8.0			7.1		8.5	6.9
40.0						11.9			10.4		11.0	9.0		9.9	7.1		8.6	5.6		7.3			6.4			6.3
42.0									9.6			8.3		9.1	6.5		7.9	5.0		6.6	3.5		5.8			5.7
44.0												7.6			5.9			4.5		6.1	3.1		5.3	2.0		5.1
46.0															5.4			4.1			2.7		4.7	1.7		4.7
48.0																		3.6			2.3					
50.0																					2.0					
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 31	8 to 63	8 to 55
Standard hook block	80t									35t															12.2t	
Hook block weight	1550kg									950kg															440kg	
Standard number of parts of line	4									3						2									1	

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
14.0	36.7																								
16.0	33.2			33.2																					
18.0	30.3			30.4			30.3																		
20.0	27.5			28.0			28.2			20.6			21.8												
22.0	24.4	27.5		25.1			26.0			20.3			21.4												
24.0	22.1	24.3		22.3	25.9		23.1			19.8			21.0			17.5			14.5						
26.0	20.3	22.3		20.7	23.2		21.0	21.2		19.0			20.4			17.0			14.3			11.7		9.4	
28.0	18.8	20.6	21.6	19.2	21.0		19.5	19.1		18.0	17.6		19.6			16.7			14.1			11.2		9.3	
30.0	17.5	19.0	19.7	17.8	19.1		18.1	17.4		17.0	16.0		17.9	14.4		16.4			14.1			10.9		9.2	
32.0	16.3	17.7	18.0	16.6	17.5	16.1	16.9	15.9		16.0	14.6		16.3	13.1		15.1			14.0			10.9		9.1	
34.0	15.2	16.5	16.6	15.5	16.0	14.7	15.8	14.6	12.6	15.1	13.4		15.0	12.0		13.8	9.9		13.4			10.9		8.9	
36.0	14.3	15.4	15.4	14.5	14.8	13.6	14.8	13.4	11.6	14.2	12.3	9.8	13.8	11.0		12.7	8.9		12.3	8.0		10.9		8.7	
38.0	13.4	14.4	14.3	13.6	13.7	12.6	13.9	12.4	10.7	13.5	11.3	9.0	12.9	10.0		11.7	8.1		11.3	7.2		10.7	6.6	8.4	
40.0		13.5	13.3		12.8	11.6	13.1	11.5	9.9	12.6	10.5	8.2	11.9	9.2	6.4	10.8	7.4		10.5	6.5		10.3	5.9	7.9	5.6
42.0		12.8	12.4		12.0	10.8		10.7	9.1		9.7	7.5		8.4	5.8	10.1	6.7	3.8	9.7	5.9		9.5	5.4	7.4	5.1
44.0					11.2	10.1		9.9	8.3		9.0	6.9		7.8	5.2		6.1	3.3		5.4			4.8	7.0	4.6
46.0						9.4			7.7		8.3	6.3		7.1	4.7		5.6	2.9		4.9	1.9		4.4		4.1
48.0									7.1			5.7		6.5	4.3		5.1	2.5		4.4	1.6		3.9		3.7
50.0												5.2			3.8			2.2		4.0			3.5		3.3
54.0																		1.6							
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 56	8 to 61	8 to 60	8 to 29	8 to 59	8 to 54	8 to 65	8 to 49
Standard hook block	80t			35t																		12.2t			
Hook block weight	1550kg			950kg																		440kg			
Standard number of parts of line	4			3						2												1			

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
16.0	36.7																							
18.0	35.8			30.8																				
20.0	35.1			30.2			23.7																	
22.0	31.6			29.7			23.2			18.5			17.9											
24.0	28.1			26.9			22.8			18.2			17.6											
26.0	25.2	23.8		24.1			22.4			17.9			17.4			14.9			12.9		10.1			
28.0	22.8	21.5		21.8	20.0		20.7			17.7			17.1			14.8			12.8		10.0		7.7	
30.0	20.7	19.5		19.8	18.1		18.8	16.4		17.4			16.8			14.6			12.7		9.9		7.5	
32.0	19.0	17.8	17.0	18.1	16.5		17.2	15.0		15.9	13.0		15.3			14.0			12.5		9.8		7.5	
34.0	17.4	16.3	15.5	16.6	15.1	13.6	15.7	13.7		14.5	11.9		14.0	10.5		12.7			12.3		9.7		7.4	
36.0	16.1	15.1	14.3	15.3	13.9	12.5	14.5	12.6		13.3	10.8		12.9	9.5		11.7	7.5		11.2		9.6		7.3	
38.0	14.9	13.9	13.2	14.1	12.8	11.5	13.4	11.6	9.6	12.3	9.8		11.8	8.6		10.7	6.7		10.2	5.8	9.6		7.2	
40.0	13.8	12.9	12.2	13.1	11.9	10.6	12.4	10.7	8.7	11.4	9.0	6.4	10.9	7.8		9.8	6.0		9.4	5.1	9.5	5.3	7.1	
42.0	12.9	12.0	11.3	12.2	11.0	9.8	11.5	9.9	8.0	10.5	8.2	5.8	10.1	7.1	4.3	9.0	5.4		8.5	4.5	9.1	4.7	6.9	3.4
44.0	12.0	11.2	10.5	11.4	10.3	9.1	10.7	9.2	7.3	9.8	7.5	5.2	9.4	6.4	3.8	8.2	4.8		7.8	4.0	8.3	4.2	6.5	3.0
46.0		10.5	9.8		9.5	8.4	10.0	8.5	6.6	9.2	6.8	4.7	8.7	5.8	3.3	7.6	4.3	1.5	7.2	3.5	7.6	3.7	6.1	2.5
48.0		9.8	9.2		8.9	7.7		7.8	6.1		6.3	4.2		5.3	2.9		3.8		6.6	3.1	7.0	3.3	5.7	2.2
50.0						7.1		7.2	5.5		5.7	3.8		4.8	2.5		3.4			2.7		2.9	5.4	1.8
54.0									4.6			3.0		3.9	1.8		2.6			2.0		2.2		
58.0																						1.5		
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 41	8 to 58	8 to 58	8 to 20	8 to 63	8 to 53	8 to 61	8 to 66	8 to 66	8 to 36
Standard hook block	80t			35t																	12.2t			
Hook block weight	1550kg			950kg																	440kg			
Standard number of parts of line	4			3			2														1			

Counterweight 78t, outrigger extension width 6.8m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
16.0	25.8																							
18.0	22.8			23.1																				
20.0	20.6			20.6			20.5																	
22.0	18.9			19.0			19.1			18.9			18.2											
24.0	17.4	19.1		17.5			17.7			17.7			17.8											
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7		10.2			
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6		10.1		7.8	
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5		10.0		7.7	
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	13.9		14.0			13.8			12.4		9.8		7.6	
34.0	12.0	12.9	13.8	12.1	13.5	14.6	12.4	14.0		12.6	12.7		13.2	11.1		13.2			12.2		9.8		7.5	
36.0	11.2	12.1	12.9	11.4	12.5	13.5	11.6	13.1		11.8	11.7		12.4	10.1		12.1	8.1		11.8		9.7		7.4	
38.0	10.5	11.3	12.0	10.7	11.7	12.5	10.9	12.1	10.3	11.1	10.8		11.6	9.2		11.2	7.3		10.9	6.5	9.6		7.4	
40.0	9.8	10.6	11.3	10.0	11.0	11.5	10.2	11.2	9.4	10.4	10.0	7.5	10.9	8.4		10.3	6.6		10.1	5.9	9.5	5.8	7.3	
42.0	9.3	9.9	10.6	9.4	10.3	10.7	9.6	10.4	8.6	9.8	9.2	6.8	10.3	7.7		9.6	6.0		9.3	5.3	9.3	5.3	7.2	
44.0	8.7	9.4	9.9	8.9	9.7	10.0	9.1	9.7	7.9	9.2	8.5	6.2	9.7	7.0	4.4	8.8	5.4		8.5	4.8	8.8	4.7	6.8	3.7
46.0		8.8	9.3		9.2	9.3	8.6	9.0	7.3	8.7	7.8	5.7	9.1	6.4	4.0	8.2	4.9	2.2	7.9	4.3	8.1	4.3	6.4	3.3
48.0		8.3	8.8		8.6	8.7		8.4	6.7		7.2	5.2		5.9	3.6		4.5	1.9	7.3	3.9	7.5	3.8	6.1	2.9
50.0						8.1		7.9	6.2		6.6	4.7		5.4	3.2		4.0	1.5		3.5		3.4	5.7	2.5
54.0									5.3			3.9		4.5	2.5		3.3			2.7		2.7		1.9
58.0															1.9							2.1		
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 27	8 to 63	8 to 53	8 to 61	8 to 66	8 to 66	8 to 45
Standard hook block	35t																				12.2t			
Hook block weight	950kg																				440kg			
Standard number of parts of line	3			2																	1			

Luffing Jib

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	62.8			61.0			58.6														
16.0	52.3	50.3		50.8			49.3			47.9											
18.0	44.7	42.9		43.4	40.6		42.0			40.8			39.5			38.0					
20.0	38.9	37.3	35.9	37.8	35.3		36.6	33.2		35.5			34.3			33.0			30.5		
22.0		33.0	31.7		31.1			29.3		31.3	27.9		30.2			29.0			28.1		
24.0			28.6		27.8	26.2		26.3			24.8			23.2					24.1		
26.0						23.6		23.7	21.4		22.3			20.9			19.3				
28.0									19.3			17.6		18.8			17.4				
30.0												16.0			14.3		15.8			14.7	
32.0															13.0						
34.0																		10.4			
36.0																					8.1
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5						4						3		

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	58.6																							
14.0	58.6			47.4			43.5																	
16.0	50.6			47.4			42.6			38.1														
18.0	43.1			41.7			40.0			37.5			32.4											
20.0	37.4	35.7		36.1	33.6		34.7			33.4			31.9			22.5								
22.0	32.9	31.4		31.8	29.5		30.5	27.5		29.4			28.1			22.1			17.8			13.7		
24.0	29.3	28.0	26.8	28.3	26.2		27.1	24.4		26.1	22.6		25.0			21.7			17.7			13.7		
26.0	26.4	25.1	24.0	25.5	23.5	21.8	24.4	21.9		23.4	20.3		22.4			21.3			17.4			13.7		
28.0	24.0	22.7	21.8	23.1	21.3	19.7	22.1	19.8		21.2	18.3		20.2	16.7		19.4			17.1			13.5		
30.0	21.9	20.7	19.8	21.0	19.4	17.9	20.1	18.0	15.7	19.3	16.6		18.4	15.1		17.6	13.6		16.7			13.3		
32.0		19.0	18.3	19.3	17.7	16.4	18.4	16.4	14.3	17.6	15.1	12.6	16.8	13.7		16.1	12.4		15.2	10.8		13.2		
34.0		17.5	16.8		16.3	15.0		15.0	13.1		13.8	11.5	15.4	12.5	9.5	14.7	11.3		13.9	9.7		12.9	9.1	
36.0			15.5		15.2	13.8		13.8	12.0		12.7	10.5		11.5	8.6		10.3			8.8		11.8	8.2	
38.0						12.8		12.8	11.1		11.7	9.7		10.6	7.8		9.4	6.1		8.0			7.4	
40.0									10.2			8.8		9.8	7.1		8.6	5.5		7.3	3.9		6.8	
42.0												8.1			6.5		7.8	4.9		6.6	3.4		6.1	
44.0															5.9			4.4			3.0		5.6	2.3
46.0																		4.0			2.6			1.9
48.0																					2.3			1.6
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 43
Standard hook block	80t												35t											
Hook block weight	1550kg												950kg											
Standard number of parts of line	5			4									3			2								

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
14.0	40.8			40.7																					
16.0	40.8			40.7			40.1			35.0															
18.0	40.8			40.7			39.4			35.0			29.5												
20.0	37.2	35.5		35.8			34.3			33.2			29.1			21.3									
22.0	32.7	31.2		31.5	29.1		30.1			29.1			27.6			20.9			17.0						
24.0	29.2	27.8		28.0	25.8		26.8	24.0		25.9			24.5			20.5			16.5			13.0		9.2	
26.0	26.2	24.9	24.0	25.2	23.2		24.0	21.5		23.2	20.0		22.0			20.2			16.2			12.8		9.0	
28.0	23.8	22.5	21.6	22.8	20.9	19.4	21.7	19.4		21.0	18.0		19.8	16.2		19.0			16.1			12.7		8.7	
30.0	21.7	20.5	19.8	20.7	19.0	17.6	19.8	17.6	15.3	19.1	16.3		18.0	14.6		17.2	13.2		15.9			12.6		8.6	
32.0	19.9	18.8	18.1	19.0	17.4	16.1	18.1	16.1	13.9	17.4	14.9	12.4	16.4	13.3		15.7	11.9		14.7	10.2		12.6		8.5	
34.0		17.3	16.6	17.5	16.0	14.7	16.6	14.7	12.7	16.0	13.6	11.3	15.0	12.1		14.4	10.8		13.5	9.2		12.5	8.0	8.5	
36.0		16.0	15.3		14.7	13.5		13.5	11.7		12.5	10.3	13.8	11.1	8.1	13.2	9.8		12.4	8.3		11.8	7.2	8.5	
38.0			14.1		13.8	12.5		12.5	10.8		11.5	9.4		10.2	7.3		8.9	5.6		7.5			6.5	8.5	6.4
40.0						11.5			9.9		10.6	8.5		9.4	6.6		8.1	5.0		6.8			5.9		5.7
42.0									9.2			7.8		8.6	6.0		7.4	4.5		6.1	2.9		5.3		5.2
44.0												7.1			5.4			4.0		5.6	2.5		4.7		4.6
46.0															4.9			3.6			2.2		4.3		4.2
48.0																		3.1			1.8				
50.0																					1.5				
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 63	8 to 55
Standard hook block	80t									35t														12.2t	
Hook block weight	1550kg									950kg														440kg	
Standard number of parts of line	4									3						2								1	

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
14.0	36.7																							
16.0	33.2			33.2																				
18.0	30.3			30.4			30.3																	
20.0	27.5			28.0			28.2			20.6			21.8											
22.0	24.4	27.5		25.1			26.0			20.3			21.4											
24.0	22.1	24.3		22.3	25.5		23.1			19.8			21.0			17.5			14.5					
26.0	20.3	22.3		20.7	22.8		21.0	20.8		19.0			20.4			17.0			14.3		11.7		9.4	
28.0	18.8	20.6	21.2	19.2	20.6		19.5	18.7		18.0	17.2		19.2			16.7			14.1		11.2		9.3	
30.0	17.5	19.0	19.3	17.8	18.7		18.1	17.0		17.0	15.6		17.5	13.9		16.1			14.1		10.9		9.2	
32.0	16.3	17.7	17.6	16.6	17.1	15.7	16.9	15.5		16.0	14.1		15.9	12.6		14.6			14.0		10.9		9.1	
34.0	15.2	16.5	16.2	15.5	15.7	14.3	15.8	14.2	12.1	15.1	12.9		14.6	11.5		13.4	9.4		12.9		10.9		8.9	
36.0	14.3	15.4	15.1	14.5	14.4	13.2	14.8	13.0	11.1	14.2	11.8	9.4	13.4	10.5		12.3	8.4		11.9	7.5	10.9		8.7	
38.0	13.4	14.4	13.9	13.6	13.3	12.1	13.7	12.0	10.2	13.1	10.9	8.5	12.4	9.6		11.3	7.6		10.9	6.7	10.7	6.0	8.4	
40.0		13.5	12.9		12.4	11.2	12.7	11.1	9.4	12.1	10.0	7.7	11.5	8.8	5.9	10.4	6.9		10.0	6.0	9.8	5.4	7.9	5.1
42.0		12.6	12.0		11.6	10.4		10.3	8.6		9.3	7.0		8.0	5.3	9.6	6.3	3.2	9.3	5.4	9.1	4.9	7.4	4.5
44.0					10.8	9.7		9.5	7.9		8.6	6.4		7.3	4.7		5.7	2.8		4.9		4.4	7.0	4.1
46.0						9.0			7.3		7.9	5.8		6.7	4.3		5.1	2.4		4.4		3.9		3.6	
48.0									6.7			5.3		6.1	3.8		4.6	2.1		3.9		3.5		3.2	
50.0												4.8			3.4			1.7		3.5		3.1		2.8
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 59	8 to 54	8 to 65	8 to 49
Standard hook block	80t			35t															12.2t					
Hook block weight	1550kg			950kg															440kg					
Standard number of parts of line	4			3						2									1					

Counterweight 58t, outrigger extension width 8.5m
Boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
16.0	25.8																							
18.0	22.8			23.1																				
20.0	20.6			20.6			20.5																	
22.0	18.9			19.0			19.1			18.9			18.2											
24.0	17.4	19.1		17.5			17.7			17.7			17.8											
26.0	16.0	17.6		16.2	18.1		16.4			16.5			16.9			15.1			12.7		10.2			
28.0	14.8	16.2		15.0	16.8		15.2			15.4			15.9			14.8			12.6		10.1		7.8	
30.0	13.8	15.0		13.9	15.6		14.2	16.1		14.4			15.0			14.4			12.5		10.0		7.7	
32.0	12.8	13.9	14.9	13.0	14.4		13.2	15.0		13.5	13.5		14.0			13.8			12.4		9.8		7.6	
34.0	12.0	12.9	13.8	12.1	13.5	14.2	12.4	13.8		12.6	12.3		13.2	10.6		12.8			12.2		9.8		7.5	
36.0	11.2	12.1	12.9	11.4	12.5	13.1	11.6	12.7		11.8	11.3		12.4	9.6		11.7	7.6		11.4		9.7		7.4	
38.0	10.5	11.3	12.0	10.7	11.7	12.1	10.9	11.7	9.8	11.1	10.3		11.6	8.7		10.7	6.8		10.4	6.0	9.6		7.4	
40.0	9.8	10.6	11.3	10.0	11.0	11.1	10.2	10.8	9.0	10.4	9.5	7.0	10.9	7.9		9.9	6.1		9.6	5.4	9.5	5.3	7.3	
42.0	9.3	9.9	10.6	9.4	10.3	10.3	9.6	10.0	8.2	9.8	8.8	6.4	10.2	7.2		9.1	5.5		8.8	4.8	9.1	4.8	7.2	
44.0	8.7	9.4	9.9	8.9	9.7	9.6	9.1	9.3	7.5	9.2	8.1	5.8	9.4	6.6	4.0	8.4	5.0		8.1	4.3	8.4	4.3	6.8	3.2
46.0		8.8	9.3		9.2	8.9	8.6	8.6	6.9	8.7	7.4	5.2	8.8	6.0	3.5	7.8	4.5	1.7	7.5	3.8	7.7	3.8	6.4	2.8
48.0		8.3	8.8		8.6	8.3		8.0	6.3		6.8	4.7		5.5	3.1		4.0		6.9	3.4	7.1	3.4	6.1	2.4
50.0						7.8		7.5	5.8		6.3	4.3		5.0	2.7		3.6			3.0		3.0	5.7	2.1
54.0									4.9			3.5		4.1	2.1		2.9			2.3		2.3		1.5
58.0															1.5							1.7		
θ (°)	8 to 62	8 to 61	8 to 46	8 to 60	8 to 55	8 to 46	8 to 65	8 to 58	8 to 55	8 to 62	8 to 53	8 to 47	8 to 60	8 to 66	8 to 56	8 to 58	8 to 58	8 to 20	8 to 63	8 to 53	8 to 61	8 to 66	8 to 66	8 to 45
Standard hook block	35t																				12.2t			
Hook block weight	950kg																				440kg			
Standard number of parts of line	3			2																	1			

Luffing Jib

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	60.9			59.1			57.2														
16.0	50.4	48.4		48.8			47.3			45.9											
18.0	42.9	41.1		41.6	38.7		40.2			38.9			37.5			36.0					
20.0	37.2	35.6	34.2	36.0	33.5		34.8	31.5		33.7			32.5			31.2			30.2		
22.0		31.4	30.1		29.5			27.6		29.6	26.2		28.6			27.4			26.6		
24.0			27.1		26.3	24.7		24.8			23.3			21.6					23.6		
26.0						22.1		22.3	19.9		20.9			19.4			17.8				
28.0									18.0			16.2		17.5			16.1				
30.0												14.7			13.1		14.6			13.5	
32.0															11.9						
34.0																		9.3			
36.0																					7.0
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t																		35t		
Hook block weight	1550kg																		950kg		
Standard number of parts of line	6						5			4									3		

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
12.0	58.6																						
14.0	58.6			47.4			43.5																
16.0	48.7			47.1			42.6			38.1													
18.0	41.3			39.8			38.2			36.8			32.4										
20.0	35.7	34.0		34.4	31.8		32.9			31.7			30.3			22.5							
22.0	31.3	29.8		30.2	27.9		28.9	25.8		27.7			26.5			22.1			17.8			13.7	
24.0	27.8	26.5	25.3	26.8	24.7		25.6	22.9		24.6	21.0		23.4			21.7			17.7			13.7	
26.0	25.0	23.7	22.6	24.1	22.1	20.4	23.0	20.4		22.0	18.8		21.0			20.0			17.4			13.7	
28.0	22.7	21.4	20.4	21.8	19.9	18.4	20.7	18.4		19.8	16.9		18.9	15.3		18.0			17.0			13.5	
30.0	20.7	19.5	18.6	19.8	18.1	16.7	18.8	16.7	14.5	18.0	15.3		17.1	13.8		16.4	12.4		15.4			13.3	
32.0		17.8	17.2	18.1	16.5	15.2	17.2	15.2	13.2	16.5	14.0	11.5	15.6	12.6		14.9	11.2		14.0	9.5		13.2	
34.0		16.4	15.7		15.2	14.0		14.0	12.0		12.8	10.4	14.3	11.5	8.4	13.7	10.1		12.8	8.6		12.6	7.9
36.0			14.5		14.1	12.8		12.8	11.0		11.7	9.5		10.5	7.5		9.2			7.7		11.6	7.1
38.0						11.8		11.8	10.2		10.8	8.6		9.7	6.8		8.4	5.1		7.0			6.4
40.0									9.4			7.9		8.9	6.2		7.6	4.5		6.3	2.9		5.8
42.0												7.2			5.6		6.9	4.1		5.7	2.5		5.2
44.0															5.0			3.6			2.2		4.7
46.0																		3.2			1.8		
48.0																					1.5		
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62
Standard hook block	80t												35t										
Hook block weight	1550kg												950kg										
Standard number of parts of line	5			4									3			2							

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
14.0	40.8			40.7																					
16.0	40.8			40.7			40.1			35.0															
18.0	40.8			39.5			37.7			35.0			29.5												
20.0	35.5	33.8		34.1			32.6			31.4			29.1			21.3									
22.0	31.1	29.6		29.9	27.5		28.5			27.5			26.0			20.9			17.0						
24.0	27.7	26.3		26.5	24.3		25.3	22.5		24.3			23.0			20.5			16.5			13.0		9.2	
26.0	24.8	23.5	22.6	23.8	21.7		22.6	20.1		21.8	18.5		20.5			19.6			16.2			12.8		9.0	
28.0	22.5	21.2	20.3	21.5	19.6	18.0	20.4	18.1		19.6	16.7		18.5	14.8		17.6			16.1			12.7		8.7	
30.0	20.5	19.3	18.6	19.5	17.8	16.3	18.5	16.4	14.1	17.8	15.1		16.7	13.4		16.0	11.9		15.0			12.6		8.6	
32.0	18.7	17.6	16.9	17.8	16.2	14.9	16.9	14.9	12.8	16.2	13.7	11.2	15.3	12.2		14.6	10.7		13.6	8.9		12.6		8.5	
34.0		16.2	15.5	16.4	14.9	13.6	15.5	13.6	11.7	14.9	12.5	10.1	14.0	11.1		13.3	9.6		12.4	8.0		11.9	6.9	8.5	
36.0		15.0	14.3		13.7	12.5		12.5	10.7		11.5	9.2	12.8	10.1	7.0	12.2	8.7		11.4	7.2		10.9	6.2	8.5	
38.0			13.2		12.8	11.5		11.5	9.8		10.6	8.3		9.3	6.3		7.9	4.6		6.5			5.5	8.5	5.3
40.0						10.7			9.1		9.7	7.6		8.4	5.7		7.2	4.1		5.8			4.9		4.8
42.0									8.3			6.9		7.7	5.1		6.5	3.6		5.2	2.0		4.4		4.3
44.0												6.3			4.6			3.2		4.7	1.7		3.9		3.8
46.0															4.1			2.8					3.5		3.4
48.0																		2.4							
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 31	8 to 57	8 to 64	8 to 63	8 to 55
Standard hook block	80t									35t														12.2t	
Hook block weight	1550kg									950kg														440kg	
Standard number of parts of line	4									3						2								1	

Counterweight 58t, outrigger extension width 8.0m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
14.0	36.7																							
16.0	33.2			33.2																				
18.0	30.3			30.4			30.3																	
20.0	27.5			28.0			28.2			20.6			21.8											
22.0	24.4	27.5		25.1			26.0			20.3			21.4											
24.0	22.1	24.3		22.3	24.0		23.1			19.8			21.0			17.5			14.5					
26.0	20.3	22.3		20.7	21.4		21.0	19.4		19.0			19.9			17.0			14.3		11.7		9.4	
28.0	18.8	20.6	19.9	19.2	19.3		19.5	17.4		18.0	15.8		17.9			16.4			14.1		11.2		9.3	
30.0	17.5	19.0	18.1	17.8	17.5		18.0	15.7		17.0	14.3		16.2	12.7		14.8			14.1		10.9		9.2	
32.0	16.3	17.4	16.5	16.6	15.9	14.5	16.4	14.3		15.7	13.0		14.7	11.5		13.5			13.0		10.9		9.1	
34.0	15.2	15.9	15.1	15.5	14.6	13.3	15.1	13.1	11.1	14.3	11.9		13.5	10.4		12.3	8.2		11.9		10.9		8.9	
36.0	14.3	14.7	14.0	14.5	13.4	12.2	13.9	12.0	10.1	13.2	10.9	8.2	12.4	9.4		11.3	7.3		10.9	6.4	10.6		8.7	
38.0	13.4	13.6	13.0	13.6	12.4	11.2	12.8	11.1	9.3	12.2	10.0	7.5	11.5	8.5		10.4	6.6		10.0	5.7	9.8	5.0	8.4	
40.0		12.6	12.0		11.5	10.4	11.9	10.2	8.4	11.3	9.2	6.8	10.6	7.8	4.9	9.5	5.9		9.2	5.1	8.9	4.5	7.9	4.1
42.0		11.8	11.2		10.8	9.6		9.4	7.7		8.5	6.1		7.1	4.4	8.8	5.3	2.3	8.4	4.5	8.2	4.0	7.4	3.6
44.0					10.0	8.9		8.7	7.1		7.7	5.5		6.4	3.9		4.8	2.0		4.0		3.5	7.0	3.2
46.0						8.2			6.5		7.1	5.0		5.9	3.4		4.3	1.6		3.6		3.1		2.8
48.0									5.9			4.5		5.3	3.0		3.9			3.2		2.7		2.4
50.0												4.1			2.7					2.8		2.3		2.1
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 29	8 to 61	8 to 60	8 to 59	8 to 54	8 to 65	8 to 49
Standard hook block	80t			35t															12.2t					
Hook block weight	1550kg			950kg															440kg					
Standard number of parts of line	4			3						2									1					

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.5m + 20.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	69.7																				
14.0	56.2			54.4			52.6														
16.0	46.7	44.8		45.2			43.7			42.3											
18.0	39.9	38.1		38.6	35.8		37.3			36.0			34.7			33.2					
20.0	34.7	33.1	31.7	33.5	31.1		32.3	29.0		31.3			30.1			28.7			27.8		
22.0		29.2	27.9		27.3			25.4		27.4	24.0		26.3			25.1			24.3		
24.0			25.2		24.3	22.7		22.8			21.2			19.6					21.6		
26.0						20.3		20.4	18.0		19.0			17.5			15.9				
28.0									16.2			14.5		15.7			14.3				
30.0												13.1			11.5		12.9			11.8	
32.0															10.4						
34.0																		7.7			
36.0																					5.5
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t												35t								
Hook block weight	1550kg												950kg								
Standard number of parts of line	6			5						4			3								

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
12.0	58.6																						
14.0	54.5			47.4			43.5																
16.0	45.1			43.4			41.5			38.1													
18.0	38.3			36.9			35.2			33.9			32.3										
20.0	33.1	31.5		31.9	29.4		30.5			29.2			27.8			22.5							
22.0	29.2	27.7		28.0	25.7		26.7	23.6		25.6			24.3			22.1			17.8			13.7	
24.0	25.9	24.5	23.3	24.8	22.7		23.6	20.9		22.6	19.0		21.4			20.4			17.7			13.7	
26.0	23.2	21.9	20.8	22.3	20.2	18.5	21.1	18.6		20.1	16.9		19.1			18.2			17.0			13.7	
28.0	21.0	19.7	18.7	20.1	18.2	16.7	19.0	16.7		18.1	15.2		17.2	13.6		16.3			15.3			13.5	
30.0	19.1	17.9	17.0	18.2	16.5	15.1	17.2	15.1	12.8	16.4	13.7		15.5	12.2		14.8	10.6		13.8			13.3	
32.0		16.4	15.7	16.6	15.0	13.7	15.7	13.7	11.7	15.0	12.4	9.8	14.1	11.1		13.4	9.5		12.5	7.8		12.3	
34.0		15.0	14.4		13.8	12.5		12.6	10.6		11.3	8.9	12.9	10.1	6.8	12.2	8.5		11.4	7.0		11.2	6.3
36.0			13.2		12.8	11.5		11.5	9.7		10.4	8.0		9.2	6.0		7.7			6.2		10.2	5.6
38.0						10.6		10.6	8.9		9.5	7.2		8.3	5.4		6.9	3.7		5.6			5.0
40.0									8.2			6.5		7.6	4.8		6.3	3.2		5.0	1.6		4.5
42.0												5.9			4.3		5.7	2.8		4.5			3.9
44.0															3.8			2.4					3.5
46.0																		2.0					
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 23	8 to 65	8 to 62
Standard hook block	80t												35t										
Hook block weight	1550kg												950kg										
Standard number of parts of line	5			4									3			2							

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.5m + 34.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
14.0	40.8			40.7																				
16.0	40.8			40.7			40.1			35.0														
18.0	38.1			36.5			34.8			33.6			29.5											
20.0	33.0	31.3		31.6			30.1			29.0			27.3			21.3								
22.0	29.0	27.5		27.7	25.3		26.3			25.3			23.8			20.9			17.0					
24.0	25.7	24.3		24.5	22.3		23.3	20.5		22.3			21.0			19.9			16.5		13.0		9.2	
26.0	23.0	21.7	20.8	21.9	19.9		20.8	18.2		19.9	16.7		18.7			17.7			16.2		12.8		9.0	
28.0	20.8	19.5	18.6	19.8	17.9	16.3	18.7	16.3		17.9	14.9		16.7	13.1		15.9			14.8		12.7		8.7	
30.0	18.9	17.7	17.0	17.9	16.2	14.7	16.9	14.8	12.5	16.2	13.5		15.1	11.8		14.4	10.0		13.3		12.6		8.6	
32.0	17.2	16.2	15.5	16.3	14.7	13.4	15.4	13.4	11.3	14.7	12.2	9.5	13.7	10.6		13.0	9.0		12.1	7.2	11.5		8.5	
34.0		14.8	14.1	15.0	13.5	12.2	14.1	12.2	10.3	13.5	11.1	8.5	12.6	9.6		11.9	8.0		11.0	6.4	10.4	5.3	8.5	
36.0		13.7	13.0		12.4	11.2		11.2	9.4		10.2	7.7	11.5	8.7	5.5	10.9	7.2		10.0	5.7	9.5	4.6	8.5	
38.0			12.0		11.6	10.3		10.3	8.6		9.3	6.9		7.9	4.9		6.5	3.2		5.1		4.1	8.5	3.9
40.0						9.5			7.8		8.5	6.2		7.1	4.3		5.8	2.7		4.5		3.6		3.4
42.0									7.1			5.6		6.4	3.8		5.2	2.3		4.0		3.1		3.0
44.0												5.1			3.4			1.9		3.5		2.7		2.6
46.0															2.9			1.6				2.3		2.2
θ (°)	8 to 58	8 to 58	8 to 51	8 to 65	8 to 63	8 to 52	8 to 62	8 to 55	8 to 53	8 to 59	8 to 59	8 to 53	8 to 66	8 to 64	8 to 54	8 to 62	8 to 55	8 to 44	8 to 59	8 to 59	8 to 57	8 to 64	8 to 63	8 to 55
Standard hook block	80t									35t													12.2t	
Hook block weight	1550kg									950kg													440kg	
Standard number of parts of line	4									3						2							1	

Counterweight 47t, outrigger extension width 8.5m
Boom + 2.5m + 40.0m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m		45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°	83°	75°
14.0	36.7																						
16.0	33.2			33.2																			
18.0	30.3			30.4			30.3																
20.0	27.5			28.0			28.2			20.6			21.8										
22.0	24.4	27.2		25.1			25.7			20.3			21.4										
24.0	22.1	24.0		22.3	22.0		22.7			19.8			20.3			17.5		14.5					
26.0	20.3	21.4		20.7	19.6		20.2	17.5		19.0			18.1			16.4		14.3		11.7		9.4	
28.0	18.8	19.3	18.2	19.2	17.6		18.1	15.7		17.3	14.1		16.2			14.7		14.1		11.2		9.3	
30.0	17.5	17.4	16.5	17.6	15.9		16.4	14.1		15.6	12.7		14.6	11.0		13.2		12.7		10.9		9.2	
32.0	16.3	15.9	15.0	16.1	14.4	13.0	14.9	12.8		14.2	11.5		13.2	9.8		12.0		11.5		10.9		9.1	
34.0	15.2	14.5	13.7	14.7	13.2	11.9	13.7	11.7	9.6	12.9	10.4		12.1	8.8		10.9	6.6	10.5		10.2		8.9	
36.0	14.3	13.4	12.7	13.5	12.1	10.8	12.5	10.7	8.7	11.9	9.5	6.8	11.1	7.9		9.9	5.8	9.5	4.9	9.2		8.7	
38.0	13.3	12.3	11.7	12.5	11.1	10.0	11.6	9.8	7.9	10.9	8.7	6.1	10.2	7.1		9.1	5.2	8.7	4.3	8.4	3.6	8.4	
40.0		11.4	10.8		10.3	9.2	10.7	9.0	7.1	10.1	7.9	5.4	9.4	6.4	3.6	8.3	4.6	7.9	3.7	7.6	3.1	7.6	2.8
42.0		10.6	10.0		9.6	8.5		8.3	6.5		7.2	4.9		5.8	3.1	7.6	4.1	7.2	3.3	6.9	2.7	6.9	2.4
44.0					8.9	7.8		7.7	5.9		6.6	4.3		5.2	2.7		3.6		2.8		2.3	6.3	2.0
46.0						7.2			5.3		6.0	3.9		4.7	2.3		3.2		2.4		1.9		1.6
48.0									4.8			3.4		4.2	1.9		2.8		2.1		1.6		
50.0												3.0			1.6				1.7				
θ (°)	8 to 60	8 to 60	8 to 44	8 to 58	8 to 64	8 to 53	8 to 63	8 to 56	8 to 54	8 to 61	8 to 60	8 to 55	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 61	8 to 60	8 to 59	8 to 47	8 to 65	8 to 38
Standard hook block	80t			35t																12.2t			
Hook block weight	1550kg			950kg																440kg			
Standard number of parts of line	4			3						2										1			

Luffing Jib

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.5m + 20.3m LJ

Unit: t

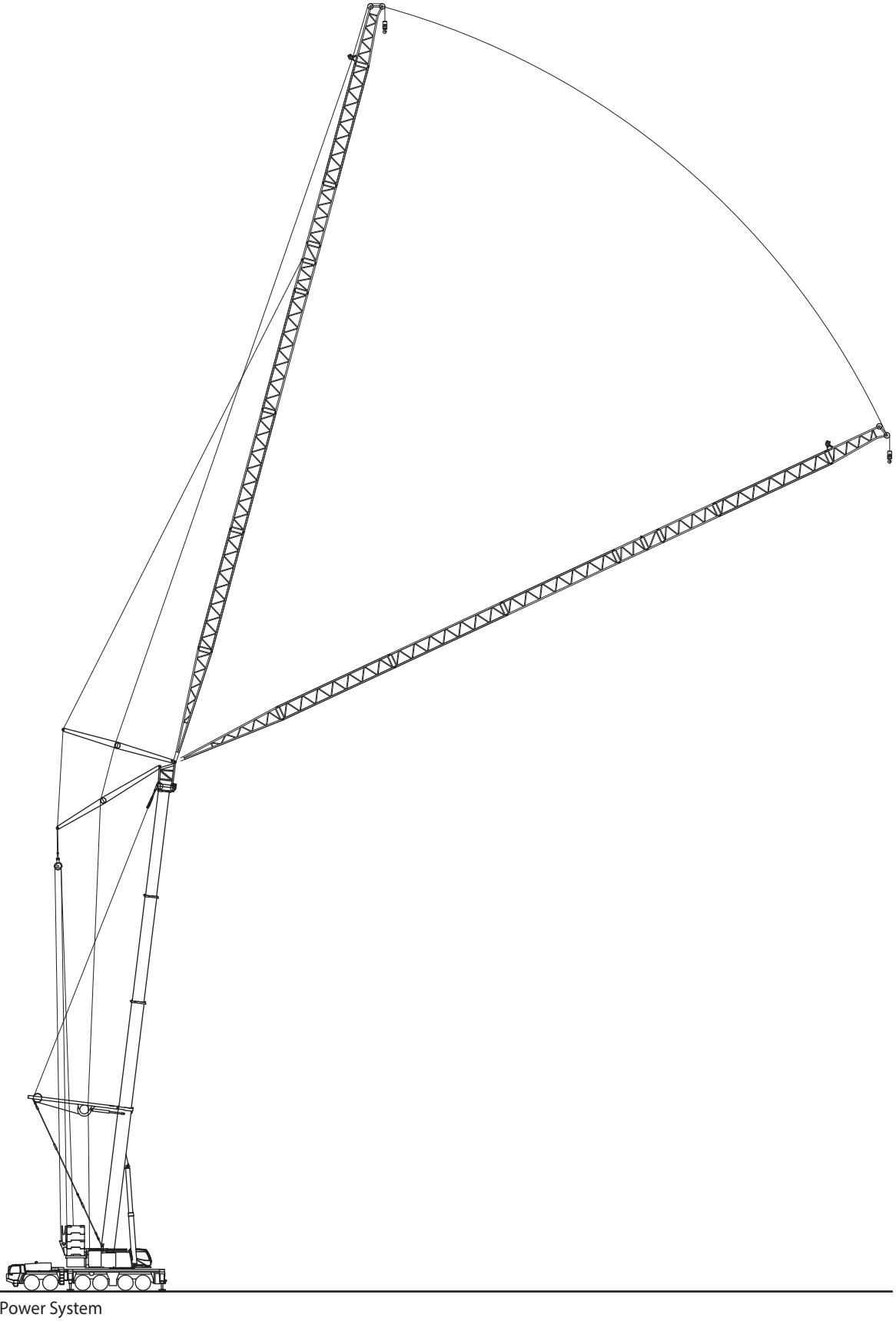
Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
12.0	67.7																				
14.0	53.7			51.9			50.0														
16.0	44.4	42.4		42.9			41.3			39.9											
18.0	37.8	36.0		36.5	33.6		35.1			33.8			32.4			30.9					
20.0	32.7	31.1	29.7	31.6	29.1		30.3	27.0		29.2			28.0			26.7			25.8		
22.0		27.4	26.1		25.5			23.7		25.6	22.2		24.6			23.4			22.6		
24.0			23.6		22.7	21.1		21.2			19.7			18.0					20.0		
26.0						18.9		19.0	16.6		17.6			16.1			14.6				
28.0									15.0			13.3		14.5			13.1				
30.0												12.0			10.3		11.8			10.7	
32.0															9.3						
34.0																		6.6			
36.0																					4.5
θ (°)	18 to 62	18 to 51	18 to 44	18 to 57	18 to 57	18 to 45	18 to 53	18 to 66	18 to 46	18 to 63	18 to 52	18 to 47	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t												35t								
Hook block weight	1550kg												950kg								
Standard number of parts of line	6			5						4			3								

Counterweight 47t, outrigger extension width 8.0m
Boom + 2.5m + 32.3m LJ

Unit: t

Boom length	15.0m			20.1m			25.1m			30.2m			35.3m			40.4m			45.4m		50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
12.0	58.6																					
14.0	52.1			47.4			43.5															
16.0	42.8			41.1			39.2			37.6												
18.0	36.1			34.7			33.1			31.7			30.0									
20.0	31.2	29.6		29.9	27.4		28.5			27.2			25.8			22.5						
22.0	27.3	25.9		26.2	23.9		24.9	21.8		23.8			22.5			21.3			17.8		13.7	
24.0	24.3	22.9	21.7	23.2	21.1		22.0	19.3		21.0	17.5		19.9			18.8			17.5		13.7	
26.0	21.8	20.5	19.4	20.8	18.8	17.1	19.7	17.2		18.7	15.5		17.7			16.8			15.6		13.7	
28.0	19.7	18.4	17.5	18.8	16.9	15.4	17.7	15.4		16.8	13.9		15.9	12.3		15.1			14.0		13.5	
30.0	17.9	16.7	15.8	17.0	15.3	13.9	16.1	14.0	11.7	15.3	12.6		14.4	11.1		13.6	9.3		12.6		12.4	
32.0		15.3	14.6	15.6	14.0	12.7	14.7	12.7	10.6	13.9	11.4	8.7	13.1	10.0		12.4	8.3		11.5	6.6	11.2	
34.0		14.0	13.4		12.8	11.6		11.6	9.6		10.4	7.8	11.9	9.0	5.7	11.3	7.5		10.4	5.9	10.2	5.2
36.0			12.3		11.9	10.6		10.6	8.8		9.5	7.0		8.2	5.0		6.7			5.2	9.3	4.6
38.0						9.7		9.7	8.0		8.7	6.3		7.4	4.5		6.0	2.7		4.6		4.1
40.0									7.3			5.7		6.7	3.9		5.4	2.3		4.1		3.6
42.0												5.1			3.5		4.8	1.9		3.6		3.1
44.0															3.0			1.6				2.7
θ (°)	8 to 56	8 to 56	8 to 49	8 to 63	8 to 61	8 to 50	8 to 60	8 to 68	8 to 51	8 to 57	8 to 57	8 to 51	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 42	8 to 58	8 to 57	8 to 65	8 to 62
Standard hook block	80t												35t									
Hook block weight	1550kg												950kg									
Standard number of parts of line	5			4									3			2						

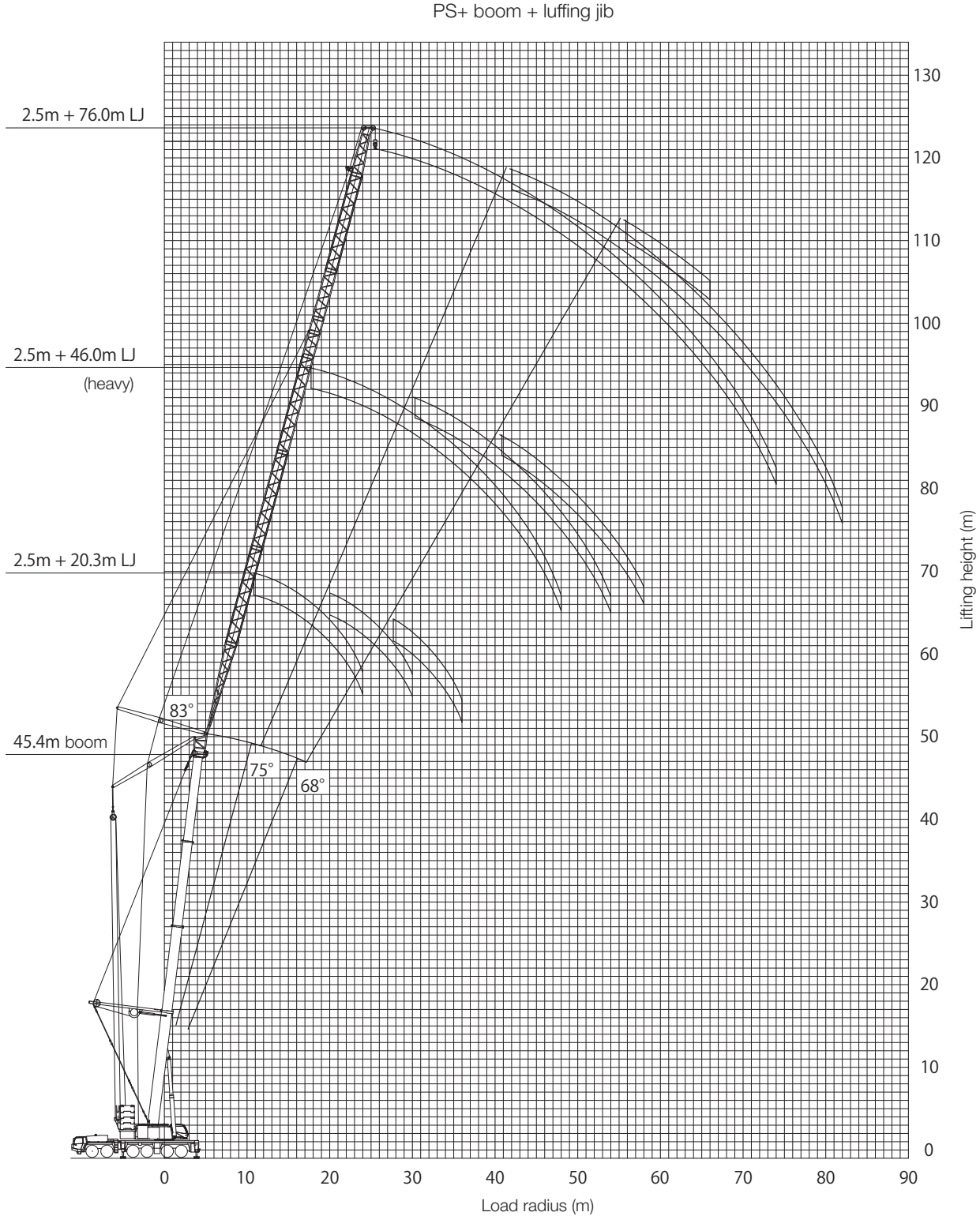
ALL TERRAIN CRANE
ATF400G-6
PS + Luffing Jib



PS ：Power System

PS + Luffing Jib

Working range chart for PS + boom + luffing jib (LJ)



(Note)

- The above drawing does not consider any boom and jib deflection.
- The above drawing shows the capacity for counterweight 138t and outrigger extension width 8.5m

Rated lifting capacity table for PS + boom + luffing jib (LJ)

■ Precautions on rated lifting capacity table

◆ Combination of counterweight and outrigger extension width with capacity setting is indicated with "○" mark in the table below.

Outrigger extension width \ Counterweight	138 t	118 t	98 t	78 t	58 t	47 t
8.5 m	○	○	○	○	○	○
8.0 m		○	○	○	○	○
6.8 m			○	○		

◆ The rated lifting capacity indicates the values including the mass of the lifting devices and hook block (80t hook block: 1,550kg, 35t hook block: 950kg, 12.2t hook block: 440kg).

◆ The rated lifting capacity is based on the actual load radius considering boom deflection.

◆ The extension state (extension ratio %) of each telescopic section at various boom lengths is as follows in the table below.

Boom length	35.3 m	40.4 m	45.4 m	50.5 m	55.6 m
Telescopic section 1	90	90	90	90	90
Telescopic section 2	90	90	90	90	90
Telescopic section 3	0	45	90	90	90
Telescopic section 4	0	0	0	45	90

◆ When the boom length is less than 35.3 m, the capacity setting is not made. Also, when the B-pins (boom fixing pins) are not inserted, operation is not allowed.

◆ When the number of parts of line used is less than the standard one specified in the rated lifting capacity table, the upper limit of the maximum load is as follows in the table below.

Number of parts of line	3	2	1
Maximum load	35.9t	24.1t	12.2t

◆ The rated lifting capacity assumes that the outriggers are set horizontally on firm and level ground.

◆ An effect of the wind is not included in the values in the rated lifting capacity table. Suspend crane operation if the maximum instantaneous wind velocity is 10 m/s or more.

Explanation on lines and terms in rated lifting capacity table

◆ Values above the thick line are based on the structural strength factor of the crane, and values below the thick line are based on the stability factor of the crane.

◆ "Offset" indicates an angle formed between the boom centerline and jib centerline.

◆ "θ (°)" indicates the jib offset angle range in which no-load operation is enabled.

PS + Luffing Jib

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		30.1					18.5		
26.0		27.2			21.4				
28.0		21.3			19.0				
30.0			22.8		16.5			16.4	
32.0			20.3						
34.0						15.9			
36.0									14.0
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	22.8		17.5			15.6			11.7		
30.0	18.6	20.9		16.0	17.7		15.3			11.6		
32.0	16.9	19.3		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	17.8	19.2	13.1	15.0		12.5	14.2		11.0	11.5	
36.0		16.3	17.8		13.8			13.0		11.0	11.2	
38.0		14.9	16.5		12.6	13.7		12.0			10.9	
40.0		13.4	15.3		11.5	12.7		11.0	11.9		10.7	
42.0			14.1		10.3	11.7		9.9	11.0		10.2	
44.0			12.9			10.8			10.2		9.1	10.6
46.0						9.9			9.4			9.4
48.0									8.6			8.6
50.0												7.9
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.2		17.6			14.7			11.4			7.7		
30.0	16.1	19.5		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	18.0		14.6	16.3		13.8	14.4		11.0			7.7		
34.0	12.9	16.6		13.3	15.0		12.7	14.1		10.7	11.1		7.7		
36.0		15.3	17.5	12.0	13.8		11.4	13.2		10.6	10.8		7.5	7.2	
38.0		14.0	16.2		12.7	13.6		12.0			10.5		7.2	7.2	
40.0		12.8	15.0		11.7	12.6		11.0			10.5			7.0	
42.0		11.4	13.9		10.6	11.7		10.1	11.0		10.1			7.0	
44.0			12.9			10.8		9.1	10.1		9.3	10.3		7.0	
46.0			11.8			10.0			9.4		8.3	9.3		6.6	6.9
48.0						9.1			8.6			8.6			6.7
50.0									7.8			7.9			6.4
54.0															6.4
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	19.1		15.9			13.0			10.2			7.8		
32.0	16.7	18.8		15.6			12.8			10.0			7.7		
34.0	15.7	18.1		15.0	15.4		12.7			9.8			7.5		
36.0	14.8	17.0		14.1	15.0		12.4	12.6		9.7			7.3		
38.0	14.0	15.8		13.0	14.2		11.3	12.1		9.6	9.7		7.2	7.3	
40.0	12.9	14.7	15.3	11.9	13.2		10.3	11.4		9.4	9.5		7.0	7.1	
42.0		13.6	14.6	10.8	12.3	12.7	9.3	10.5		9.2	9.4		6.9	6.9	
44.0		12.6	13.7		11.5	12.1		9.7	10.2		9.2		6.7	6.8	
46.0		11.5	12.8		10.6	11.4		9.0	9.5		8.8			6.6	
48.0		10.4	11.9		9.8	10.7		8.3	8.9		8.3	8.8		6.5	
50.0			11.0			10.0		7.5	8.3		7.6	8.1		6.3	6.3
54.0									7.1			7.0			6.0
58.0												5.9			5.8
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.1														
24.0	16.8			14.0											
26.0	16.5			13.8			12.0			9.2					
28.0	16.2			13.7			11.8			9.0			6.6		
30.0	16.0			13.5			11.6			8.9			6.5		
32.0	15.7			13.3			11.5			8.7			6.3		
34.0	15.4	15.4		13.2			11.4			8.6			6.2		
36.0	14.8	15.2		13.0	13.1		11.2			8.5			6.1		
38.0	13.7	14.4		12.2	12.9		11.0	11.2		8.3			6.0		
40.0	12.7	13.5		11.3	12.0		10.6	10.9		8.2	8.2		5.9		
42.0	11.8	12.6	12.7	10.5	11.2		9.7	10.2		8.1	8.1		5.8	5.7	
44.0	10.9	11.8	12.1	9.6	10.4		8.9	9.5		7.9	7.9		5.7	5.6	
46.0	9.9	11.0	11.5	8.8	9.7	9.9	8.2	8.9		7.8	7.8		5.6	5.5	
48.0		10.2	10.7		9.0	9.4	7.5	8.3	8.5	7.5	7.7		5.5	5.4	
50.0		9.5	10.1		8.4	8.8		7.7	7.9		7.5	7.5	5.3	5.3	
54.0			8.8		7.1	7.7		6.6	6.9		6.5	6.7		5.0	5.0
58.0						6.6			6.0		5.4	5.8		4.8	4.8
62.0												5.0			4.6
66.0															4.2
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
24.0	15.5														
26.0	15.3														
28.0	15.1			12.9			10.5			7.8					
30.0	14.9			12.7			10.3			7.7			5.4		
32.0	14.8			12.6			10.2			7.5			5.4		
34.0	14.6			12.4			10.1			7.4			5.3		
36.0	14.5	14.5		12.3			10.0			7.3			5.2		
38.0	14.4	13.9		12.0			9.9			7.2			5.1		
40.0	14.1	13.3		11.7	11.4		9.7	9.8		7.1			5.0		
42.0	13.2	12.8		10.9	10.9		9.6	9.7		7.0	7.0		4.9		
44.0	12.3	12.2		10.1	10.4		9.4	9.4		7.0	6.9		4.9	4.8	
46.0	11.5	11.7	10.3	9.4	9.9		8.7	9.0		6.9	6.8		4.8	4.7	
48.0	10.6	11.3	9.8	8.7	9.3		8.1	8.4		6.8	6.7		4.7	4.6	
50.0	9.8	10.8	9.4	8.1	8.7	7.7	7.4	7.9		6.7	6.6		4.7	4.5	
54.0		9.5	8.7		7.6	7.1	6.2	6.8	7.0	6.3	6.4	6.1	4.5	4.4	
58.0		8.1	8.1		6.5	6.5		5.9	6.1		5.8	5.5		4.2	4.1
62.0			7.5			6.0		5.0	5.3		4.9	5.1		4.0	3.9
66.0									4.6			4.4			3.8
70.0															3.6
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 50
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2						1								

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.1														
28.0	13.9			11.2											
30.0	13.8			11.1			8.7								
32.0	13.6			11.0			8.6			6.1			4.1		
34.0	13.4			10.8			8.5			6.0			4.0		
36.0	13.3			10.7			8.3			6.0			3.9		
38.0	13.2	13.2		10.6			8.3			5.9			3.8		
40.0	12.8	12.7		10.5			8.2			5.8			3.8		
42.0	12.1	12.1		10.2	10.3		8.1			5.7			3.7		
44.0	11.4	11.5		10.0	10.1		8.0	8.0		5.7			3.7		
46.0	10.7	11.0		9.3	9.5		7.9	7.9		5.6	5.5		3.6		
48.0	10.0	10.3	9.1	8.7	8.9		7.8	7.7		5.5	5.5		3.6	3.5	
50.0	9.3	9.7	8.7	8.1	8.3		7.4	7.6		5.5	5.4		3.6	3.4	
54.0	8.0	8.5	7.9	7.0	7.3	6.6	6.3	6.5		5.4	5.2		3.4	3.3	
58.0	6.8	7.5	7.2	5.9	6.4	6.1	5.4	5.7	5.0	5.2	5.1	4.1	3.4	3.2	
62.0		6.4	6.7		5.5	5.5		4.9	4.5		4.8	3.7		3.1	3.0
66.0			5.9		4.6	5.0		4.1	4.1		4.0	3.3		3.0	2.6
70.0						4.2			3.7			2.9		2.9	2.3
74.0												2.6			1.9
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 44	8 to 58	8 to 52	8 to 50	8 to 57	8 to 60	8 to 45
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 64.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
28.0	12.3														
30.0	12.1			9.6											
32.0	12.0			9.5			7.4			5.1					
34.0	11.9			9.4			7.3			5.0			3.1		
36.0	11.7			9.3			7.2			5.0			3.1		
38.0	11.6			9.2			7.1			4.9			3.0		
40.0	11.5			9.1			7.0			4.8			3.0		
42.0	11.4	10.4		9.0			7.0			4.8			2.9		
44.0	11.3	10.0		8.9	8.6		6.9			4.7			2.9		
46.0	11.0	9.5		8.8	8.2		6.8	6.8		4.7			2.9		
48.0	10.6	9.1		8.7	7.9		6.8	6.7		4.6	4.5		2.8		
50.0	10.1	8.7		8.3	7.5		6.7	6.5		4.6	4.5		2.8	2.6	
54.0	9.1	8.0	6.6	7.2	6.9		6.4	6.0		4.5	4.4		2.7	2.5	
58.0	7.9	7.4	6.0	6.3	6.4	4.9	5.7	5.5		4.4	4.3		2.6	2.5	
62.0	6.8	6.9	5.5	5.3	5.7	4.4	4.8	5.0	3.4	4.4	4.2	2.9	2.6	2.4	
66.0		6.4	5.1		4.9	4.0		4.3	3.0	4.0	4.1	2.6	2.6	2.3	1.9
70.0		5.6	4.7		4.2	3.6		3.6	2.7		3.5	2.2		2.3	1.6
74.0			4.2			3.3		3.0	2.4		2.9	1.9		2.3	
78.0									1.9						
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 45	8 to 56	8 to 64	8 to 51	8 to 64	8 to 59	8 to 38	8 to 63	8 to 55	8 to 28
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

PS + Luffing Jib

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 70.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
32.0	10.3											
34.0	10.2			8.0			6.1					
36.0	10.1			8.0			6.0			3.9		
38.0	10.0			7.9			5.9			3.8		
40.0	9.9			7.8			5.8			3.8		
42.0	9.8			7.8			5.8			3.8		
44.0	9.7			7.7			5.8			3.8		
46.0	9.7	8.4		7.6			5.7			3.8		
48.0	9.6	8.0		7.6	6.7		5.6			3.7		
50.0	9.3	7.7		7.5	6.4		5.6	5.6		3.7		
54.0	8.6	7.1		7.1	5.9		5.5	5.4		3.6	3.5	
58.0	8.0	6.5	5.2	6.4	5.4		5.4	5.0		3.6	3.4	
62.0	7.1	6.0	4.7	5.5	4.9	3.5	5.0	4.5	2.9	3.5	3.3	
66.0	6.2	5.6	4.3	4.7	4.5	3.1	4.2	4.1	2.6	3.5	3.3	1.7
70.0	5.2	5.2	3.9	4.0	4.2	2.8	3.5	3.6	2.2	3.4	3.1	
74.0		4.8	3.6		3.6	2.5		3.1	2.0		2.8	
78.0			3.1		3.0	2.1		2.6	1.5		2.4	
82.0						1.6						
θ (°)	8 to 65	8 to 54	8 to 46	8 to 63	8 to 61	8 to 51	8 to 62	8 to 57	8 to 39	8 to 60	8 to 54	8 to 20
Standard hook block	12.2t											
Hook block weight	440kg											
Standard number of parts of line	1											

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 76.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
34.0	8.6								
36.0	8.6			6.6			4.8		
38.0	8.5			6.5			4.8		
40.0	8.4			6.5			4.8		
42.0	8.3			6.4			4.7		
44.0	8.3			6.4			4.7		
46.0	8.2			6.3			4.6		
48.0	8.1	6.4		6.3			4.6		
50.0	7.9	6.2		6.3	5.2		4.6		
54.0	7.3	5.6		6.2	4.8		4.5	4.3	
58.0	6.8	5.2		6.0	4.3		4.4	3.9	
62.0	6.4	4.8	3.4	5.4	4.0		4.3	3.5	
66.0	6.0	4.4	3.1	4.7	3.6	2.2	4.1	3.2	1.6
70.0	5.4	4.0	2.8	4.0	3.3	1.9	3.5	2.8	
74.0	4.6	3.7	2.5	3.4	3.0	1.6	3.0	2.6	
78.0		3.5	2.2		2.7			2.3	
82.0		3.2	1.7		2.5			2.1	
θ (°)	8 to 61	8 to 60	8 to 43	8 to 60	8 to 56	8 to 29	8 to 59	8 to 53	8 to 18
Standard hook block	12.2t								
Hook block weight	440kg								
Standard number of parts of line	1								

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.7														
24.0	17.1														
26.0	16.4			14.2			12.6			9.3					
28.0	15.5			13.9			12.5			9.1			6.8		
30.0	14.5			13.7			12.3			9.0			6.7		
32.0	13.7			13.2			12.1			8.8			6.5		
34.0	12.8	14.9		12.6			11.9			8.7			6.4		
36.0	12.0	14.1		12.0	13.3		11.5			8.6			6.3		
38.0	11.3	13.2		11.3	13.0		11.1	11.9		8.4			6.2		
40.0	10.7	12.4		10.7	12.3		10.6	11.7		8.3	8.4		6.1		
42.0	10.1	11.7	13.2	10.1	11.6		10.2	11.4		8.2	8.2		6.0	5.9	
44.0	9.5	11.0	12.5	9.6	10.8		9.7	10.8		8.1	8.1		5.9	5.8	
46.0	9.0	10.4	11.8	9.1	10.1	10.2	9.1	10.1		7.9	8.0		5.7	5.7	
48.0		9.8	11.1		9.4	9.7	8.4	9.4	9.2	7.7	7.8		5.6	5.6	
50.0		9.3	10.5		8.7	9.2		8.8	8.8		7.7	7.7	5.5	5.5	
54.0			9.3		7.4	8.1		7.6	8.1		6.8	7.1		5.3	5.2
58.0						7.0			7.2		5.6	6.2		5.0	5.0
62.0												5.3			4.8
66.0															4.4
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.0														
28.0	13.3			12.0			10.2			7.8					
30.0	12.7			11.6			10.1			7.6			5.6		
32.0	12.0			11.1			9.8			7.5			5.5		
34.0	11.4			10.5			9.6			7.4			5.4		
36.0	10.7			10.0			9.2			7.3			5.3		
38.0	10.1	11.7		9.5			8.9			7.2			5.2		
40.0	9.5	11.0		9.0	10.4		8.5	9.4		7.1			5.1		
42.0	9.0	10.4		8.5	9.9		8.2	9.2		7.1	7.0		5.1		
44.0	8.5	9.8		8.0	9.4		7.8	8.8		6.9	7.0		5.0	4.9	
46.0	8.0	9.3	10.4	7.6	8.9		7.4	8.5		6.7	6.9		4.9	4.8	
48.0	7.6	8.7	9.9	7.2	8.4		7.1	8.2		6.5	6.8		4.9	4.8	
50.0	7.2	8.3	9.3	6.8	8.0	8.1	6.8	7.8		6.3	6.7		4.8	4.7	
54.0		7.4	8.3		7.2	7.5	6.1	7.1	7.3	5.8	6.5	6.5	4.6	4.5	
58.0		6.7	7.5		6.4	7.0		6.2	6.4		6.0	6.1		4.4	4.3
62.0			6.7			6.3		5.2	5.6		5.2	5.5		4.2	4.1
66.0									4.9			4.7			4.0
70.0															3.8
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 50
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.1														
28.0	13.9			11.3											
30.0	13.8			11.2			8.8								
32.0	13.6			11.1			8.7			6.4			4.4		
34.0	13.4			11.0			8.6			6.3			4.3		
36.0	13.1			10.8			8.5			6.2			4.2		
38.0	12.7	13.3		10.7			8.5			6.1			4.1		
40.0	12.2	13.0		10.6			8.4			6.1			4.1		
42.0	11.8	12.5		10.5	10.5		8.3			6.0			4.0		
44.0	11.4	12.0		10.3	10.4		8.2	8.2		5.9			4.0		
46.0	10.9	11.4		9.7	10.0		8.1	8.1		5.8	5.8		3.9		
48.0	10.3	10.7		9.0	9.3		8.1	8.0		5.8	5.7		3.9	3.7	
50.0	9.6	10.1	9.1	8.4	8.7		7.7	7.9		5.7	5.7		3.8	3.7	
54.0	8.4	8.9	8.4	7.3	7.7	7.2	6.7	6.9		5.6	5.5		3.7	3.6	
58.0	7.1	7.8	7.7	6.2	6.7	6.6	5.7	6.0	5.6	5.5	5.4	4.6	3.7	3.5	
62.0		6.8	7.1		5.8	6.0		5.2	5.1		5.1	4.2		3.4	3.2
66.0			6.3		4.9	5.3		4.5	4.6		4.4	3.8		3.3	3.2
70.0						4.6			4.0			3.5		3.2	2.9
74.0												3.2			2.6
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 44	8 to 58	8 to 52	8 to 50	8 to 57	8 to 60	8 to 45
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 138t, outrigger extension width 8.5m
PS + boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
28.0	12.2														
30.0	12.1			9.5											
32.0	11.7			9.5			7.4								
34.0	11.4			9.4			7.3			5.1			3.4		
36.0	11.0			9.3			7.3			5.0			3.3		
38.0	10.6			9.2			7.2			5.0			3.3		
40.0	10.2			9.0			7.1			5.0			3.2		
42.0	9.8	10.8		8.8			7.1			5.0			3.2		
44.0	9.4	10.4		8.6	9.0		7.0			4.9			3.2		
46.0	9.0	10.0		8.3	8.8		6.9	6.9		4.8			3.1		
48.0	8.6	9.6		8.1	8.4		6.9	6.8		4.8	4.7		3.1		
50.0	8.3	9.2		7.8	8.1		6.8	6.8		4.7	4.7		3.1	2.9	
54.0	7.6	8.5	7.2	7.3	7.4		6.6	6.5		4.7	4.6		2.9	2.8	
58.0	7.0	7.8	6.6	6.6	6.8	5.4	6.0	6.0		4.6	4.5		2.9	2.7	
62.0	6.4	7.1	6.1	5.6	6.0	5.0	5.1	5.3	4.0	4.6	4.4	3.3	2.9	2.7	
66.0		6.6	5.6		5.2	4.5		4.6	3.6	4.3	4.3	3.0	2.8	2.6	2.4
70.0		6.1	5.2		4.5	4.2		4.0	3.2		3.8	2.6		2.6	2.1
74.0			4.9			3.8		3.3	2.9		3.2	2.4		2.5	1.8
78.0									2.6			2.0			1.5
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 45	8 to 56	8 to 64	8 to 51	8 to 64	8 to 59	8 to 46	8 to 63	8 to 55	8 to 42
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

PS + Luffing Jib

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		30.1					18.5		
26.0		27.2			21.4				
28.0		21.3			19.0				
30.0			22.8		16.5			16.4	
32.0			20.3						
34.0						15.9			
36.0									14.0
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	22.8		17.5			15.6			11.7		
30.0	18.6	20.9		16.0	17.7		15.3			11.6		
32.0	16.9	19.3		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	17.8	19.2	13.1	15.0		12.5	14.2		11.0	11.5	
36.0		16.3	17.8		13.8			13.0		11.0	11.2	
38.0		14.9	16.5		12.6	13.7		12.0			10.9	
40.0		13.4	15.3		11.5	12.7		11.0	11.9		10.7	
42.0			14.1		10.3	11.7		9.9	11.0		10.2	
44.0			12.9			10.8			10.2		9.1	10.6
46.0						9.9			9.4			9.4
48.0									8.6			8.6
50.0												7.9
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.2		17.6			14.7			11.4			7.7		
30.0	16.1	19.5		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	18.0		14.6	16.3		13.8	14.4		11.0			7.7		
34.0	12.9	16.6		13.3	15.0		12.7	14.1		10.7	11.1		7.7		
36.0		15.3	17.5	12.0	13.8		11.4	13.2		10.6	10.8		7.5	7.2	
38.0		14.0	16.2		12.7	13.6		12.0			10.5		7.2	7.2	
40.0		12.8	15.0		11.7	12.6		11.0			10.5			7.0	
42.0		11.4	13.9		10.6	11.7		10.1	11.0		10.1			7.0	
44.0			12.9			10.8		9.1	10.1		9.3	10.3		7.0	
46.0			11.8			10.0			9.4		8.3	9.3		6.6	6.9
48.0						9.1			8.6			8.6			6.7
50.0									7.8			7.9			6.4
54.0															6.4
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	19.1		15.9			13.0			10.2			7.8		
32.0	16.7	18.8		15.6			12.8			10.0			7.7		
34.0	15.7	18.1		15.0	15.4		12.7			9.8			7.5		
36.0	14.8	17.0		14.1	15.0		12.4	12.6		9.7			7.3		
38.0	14.0	15.8		13.0	14.2		11.3	12.1		9.6	9.7		7.2	7.3	
40.0	12.9	14.7	15.3	11.9	13.2		10.3	11.4		9.4	9.5		7.0	7.1	
42.0		13.6	14.6	10.8	12.3	12.7	9.3	10.5		9.2	9.4		6.9	6.9	
44.0		12.6	13.7		11.5	12.1		9.7	10.2		9.2		6.7	6.8	
46.0		11.5	12.8		10.6	11.4		9.0	9.5		8.8			6.6	
48.0		10.4	11.9		9.8	10.7		8.3	8.9		8.3	8.8		6.5	
50.0			11.0			10.0		7.5	8.3		7.6	8.1		6.3	6.3
54.0									7.1			7.0			6.0
58.0												5.9			5.8
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.1														
24.0	16.8			14.0											
26.0	16.5			13.8			12.0			9.2					
28.0	16.2			13.7			11.8			9.0			6.6		
30.0	16.0			13.5			11.6			8.9			6.5		
32.0	15.7			13.3			11.5			8.7			6.3		
34.0	15.4	15.4		13.2			11.4			8.6			6.2		
36.0	14.8	15.2		13.0	13.1		11.2			8.5			6.1		
38.0	13.7	14.4		12.2	12.9		11.0	11.2		8.3			6.0		
40.0	12.7	13.5		11.3	12.0		10.6	10.9		8.2	8.2		5.9		
42.0	11.8	12.6	12.7	10.5	11.2		9.7	10.2		8.1	8.1		5.8	5.7	
44.0	10.9	11.8	12.1	9.6	10.4		8.9	9.5		7.9	7.9		5.7	5.6	
46.0	9.9	11.0	11.5	8.8	9.7	9.9	8.2	8.9		7.8	7.8		5.6	5.5	
48.0		10.2	10.7		9.0	9.4	7.5	8.3	8.5	7.5	7.7		5.5	5.4	
50.0		9.5	10.1		8.4	8.8		7.7	7.9		7.5	7.5	5.3	5.3	
54.0			8.8		7.1	7.7		6.6	6.9		6.5	6.7		5.0	5.0
58.0						6.6			6.0		5.4	5.8		4.8	4.8
62.0												5.0			4.6
66.0															3.9
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
24.0	15.5														
26.0	15.3														
28.0	15.1			12.9			10.5			7.8					
30.0	14.9			12.7			10.3			7.7			5.4		
32.0	14.8			12.6			10.2			7.5			5.4		
34.0	14.6			12.4			10.1			7.4			5.3		
36.0	14.5	14.5		12.3			10.0			7.3			5.2		
38.0	14.4	13.9		12.0			9.9			7.2			5.1		
40.0	14.1	13.3		11.7	11.4		9.7	9.8		7.1			5.0		
42.0	13.2	12.8		10.9	10.9		9.6	9.7		7.0	7.0		4.9		
44.0	12.3	12.2		10.1	10.4		9.4	9.4		7.0	6.9		4.9	4.8	
46.0	11.5	11.7	10.3	9.4	9.9		8.7	9.0		6.9	6.8		4.8	4.7	
48.0	10.6	11.3	9.8	8.7	9.3		8.1	8.4		6.8	6.7		4.7	4.6	
50.0	9.8	10.8	9.4	8.1	8.7	7.7	7.4	7.9		6.7	6.6		4.7	4.5	
54.0		9.5	8.7		7.6	7.1	6.2	6.8	7.0	6.3	6.4	6.1	4.5	4.4	
58.0		8.1	8.0		6.5	6.5		5.9	6.1		5.8	5.4		4.2	4.1
62.0			7.0			5.8		5.0	5.3		4.9	4.6		4.0	3.9
66.0									4.6			3.9			3.4
70.0															2.8
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 50
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2						1								

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.1														
28.0	13.9			11.2											
30.0	13.8			11.1			8.7								
32.0	13.6			11.0			8.6			6.1			4.1		
34.0	13.4			10.8			8.5			6.0			4.0		
36.0	13.3			10.7			8.3			6.0			3.9		
38.0	13.2	13.2		10.6			8.3			5.9			3.8		
40.0	12.8	12.7		10.5			8.2			5.8			3.8		
42.0	12.1	12.1		10.2	10.3		8.1			5.7			3.7		
44.0	11.4	11.5		10.0	10.1		8.0	8.0		5.7			3.7		
46.0	10.7	11.0		9.3	9.5		7.9	7.9		5.6	5.5		3.6		
48.0	10.0	10.3	9.1	8.7	8.9		7.8	7.7		5.5	5.5		3.6	3.5	
50.0	9.3	9.7	8.7	8.1	8.3		7.4	7.6		5.5	5.4		3.6	3.4	
54.0	8.0	8.5	7.9	7.0	7.3	6.6	6.3	6.5		5.4	5.2		3.4	3.3	
58.0	6.8	7.5	7.1	5.9	6.4	6.1	5.4	5.7	5.0	5.2	5.1	4.0	3.4	3.2	
62.0		6.4	6.2		5.5	5.3		4.9	4.2		4.8	3.2		3.1	2.4
66.0			5.4		4.6	4.5		4.1	3.4		4.0	2.6		3.0	1.8
70.0						3.8			2.8			2.0		2.9	
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 44	8 to 58	8 to 52	8 to 40	8 to 57	8 to 60	8 to 29
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 64.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
28.0	12.3													
30.0	12.1			9.6										
32.0	12.0			9.5			7.4			5.1				
34.0	11.9			9.4			7.3			5.0			3.1	
36.0	11.7			9.3			7.2			5.0			3.1	
38.0	11.6			9.2			7.1			4.9			3.0	
40.0	11.5			9.1			7.0			4.8			3.0	
42.0	11.4	10.4		9.0			7.0			4.8			2.9	
44.0	11.3	10.0		8.9	8.6		6.9			4.7			2.9	
46.0	11.0	9.5		8.8	8.2		6.8	6.8		4.7			2.9	
48.0	10.6	9.1		8.7	7.9		6.8	6.7		4.6	4.5		2.8	
50.0	10.1	8.7		8.3	7.5		6.7	6.5		4.6	4.5		2.8	2.6
54.0	9.1	8.0	6.6	7.2	6.9		6.4	6.0		4.5	4.4		2.7	2.5
58.0	7.9	7.4	6.0	6.3	6.4	4.9	5.7	5.5		4.4	4.3		2.6	2.5
62.0	6.8	6.9	5.3	5.3	5.7	4.3	4.8	5.0	3.1	4.4	4.2	2.5	2.6	2.4
66.0		6.4	4.5		4.9	3.5		4.3	2.5	4.0	4.1	1.9	2.6	2.3
70.0		5.6	3.9		4.2	2.9		3.6	1.9		3.5			2.3
74.0			3.2			2.3		3.0			2.9			2.3
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 45	8 to 56	8 to 64	8 to 34	8 to 64	8 to 59	8 to 25	8 to 63	8 to 55
Standard hook block	35t			12.2t										
Hook block weight	950kg			440kg										
Standard number of parts of line	2			1										

PS + Luffing Jib

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 70.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
32.0	10.3										
34.0	10.2			8.0			6.1				
36.0	10.1			8.0			6.0			3.9	
38.0	10.0			7.9			5.9			3.8	
40.0	9.9			7.8			5.8			3.8	
42.0	9.8			7.8			5.8			3.8	
44.0	9.7			7.7			5.8			3.8	
46.0	9.7	8.4		7.6			5.7			3.8	
48.0	9.6	8.0		7.6	6.7		5.6			3.7	
50.0	9.3	7.7		7.5	6.4		5.6	5.6		3.7	
54.0	8.6	7.1		7.1	5.9		5.5	5.4		3.6	3.5
58.0	8.0	6.5	5.2	6.4	5.4		5.4	5.0		3.6	3.4
62.0	7.1	6.0	4.7	5.5	4.9	3.5	5.0	4.5	2.7	3.5	3.3
66.0	6.2	5.6	4.0	4.7	4.5	2.8	4.2	4.1	2.1	3.5	3.3
70.0	5.2	5.2	3.4	4.0	4.2	2.2	3.5	3.6	1.5	3.4	3.0
74.0		4.5	2.8		3.6	1.6		3.1			2.4
78.0			2.2		3.0			2.5			1.9
θ (°)	8 to 65	8 to 54	8 to 46	8 to 63	8 to 61	8 to 35	8 to 62	8 to 57	8 to 27	8 to 60	8 to 54
Standard hook block	12.2t										
Hook block weight	440kg										
Standard number of parts of line	1										

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.7														
24.0	17.1														
26.0	16.4			14.2			12.6			9.3					
28.0	15.5			13.9			12.5			9.1			6.8		
30.0	14.5			13.7			12.3			9.0			6.7		
32.0	13.7			13.2			12.1			8.8			6.5		
34.0	12.8	14.9		12.6			11.9			8.7			6.4		
36.0	12.0	14.1		12.0	13.3		11.5			8.6			6.3		
38.0	11.3	13.2		11.3	13.0		11.1	11.9		8.4			6.2		
40.0	10.7	12.4		10.7	12.3		10.6	11.7		8.3	8.4		6.1		
42.0	10.1	11.7	13.2	10.1	11.6		10.2	11.4		8.2	8.2		6.0	5.9	
44.0	9.5	11.0	12.5	9.6	10.8		9.7	10.8		8.1	8.1		5.9	5.8	
46.0	9.0	10.4	11.8	9.1	10.1	10.2	9.1	10.1		7.9	8.0		5.7	5.7	
48.0		9.8	11.1		9.4	9.7	8.4	9.4	9.2	7.7	7.8		5.6	5.6	
50.0		9.3	10.5		8.7	9.2		8.8	8.8		7.7	7.7	5.5	5.5	
54.0			9.3		7.4	8.1		7.6	8.1		6.8	7.1		5.3	5.2
58.0						7.0			7.2		5.6	6.2		5.0	5.0
62.0												5.3			4.8
66.0															4.4
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.0														
28.0	13.3			12.0			10.2			7.8					
30.0	12.7			11.6			10.1			7.6			5.6		
32.0	12.0			11.1			9.8			7.5			5.5		
34.0	11.4			10.5			9.6			7.4			5.4		
36.0	10.7			10.0			9.2			7.3			5.3		
38.0	10.1	11.7		9.5			8.9			7.2			5.2		
40.0	9.5	11.0		9.0	10.4		8.5	9.4		7.1			5.1		
42.0	9.0	10.4		8.5	9.9		8.2	9.2		7.1	7.0		5.1		
44.0	8.5	9.8		8.0	9.4		7.8	8.8		6.9	7.0		5.0	4.9	
46.0	8.0	9.3	10.4	7.6	8.9		7.4	8.5		6.7	6.9		4.9	4.8	
48.0	7.6	8.7	9.9	7.2	8.4		7.1	8.2		6.5	6.8		4.9	4.8	
50.0	7.2	8.3	9.3	6.8	8.0	8.1	6.8	7.8		6.3	6.7		4.8	4.7	
54.0		7.4	8.3		7.2	7.5	6.1	7.1	7.3	5.8	6.5	6.5	4.6	4.5	
58.0		6.7	7.5		6.4	7.0		6.2	6.4		6.0	6.1		4.4	4.3
62.0			6.7			6.3		5.2	5.6		5.2	5.3		4.2	4.1
66.0									4.9			4.6			4.0
70.0															3.5
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 50
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.1														
28.0	13.9			11.3											
30.0	13.8			11.2			8.8								
32.0	13.6			11.1			8.7			6.4			4.4		
34.0	13.4			11.0			8.6			6.3			4.3		
36.0	13.1			10.8			8.5			6.2			4.2		
38.0	12.7	13.3		10.7			8.5			6.1			4.1		
40.0	12.2	13.0		10.6			8.4			6.1			4.1		
42.0	11.8	12.5		10.5	10.5		8.3			6.0			4.0		
44.0	11.4	12.0		10.3	10.4		8.2	8.2		5.9			4.0		
46.0	10.9	11.4		9.7	10.0		8.1	8.1		5.8	5.8		3.9		
48.0	10.3	10.7		9.0	9.3		8.1	8.0		5.8	5.7		3.9	3.7	
50.0	9.6	10.1	9.1	8.4	8.7		7.7	7.9		5.7	5.7		3.8	3.7	
54.0	8.4	8.9	8.4	7.3	7.7	7.2	6.7	6.9		5.6	5.5		3.7	3.6	
58.0	7.1	7.8	7.7	6.2	6.7	6.6	5.7	6.0	5.6	5.5	5.4	4.6	3.7	3.5	
62.0		6.8	6.9		5.8	5.9		5.2	4.9		5.1	3.9		3.4	3.2
66.0			6.1		4.9	5.1		4.5	4.1		4.4	3.2		3.3	2.5
70.0						4.4			3.5			2.6		3.2	2.0
74.0												2.1			1.5
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 44	8 to 58	8 to 52	8 to 50	8 to 57	8 to 60	8 to 45
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.5m
PS + boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
28.0	12.2														
30.0	12.1			9.5											
32.0	11.7			9.5			7.4								
34.0	11.4			9.4			7.3			5.1			3.4		
36.0	11.0			9.3			7.3			5.0			3.3		
38.0	10.6			9.2			7.2			5.0			3.3		
40.0	10.2			9.0			7.1			5.0			3.2		
42.0	9.8	10.8		8.8			7.1			5.0			3.2		
44.0	9.4	10.4		8.6	9.0		7.0			4.9			3.2		
46.0	9.0	10.0		8.3	8.8		6.9	6.9		4.8			3.1		
48.0	8.6	9.6		8.1	8.4		6.9	6.8		4.8	4.7		3.1		
50.0	8.3	9.2		7.8	8.1		6.8	6.8		4.7	4.7		3.1	2.9	
54.0	7.6	8.5	7.2	7.3	7.4		6.6	6.5		4.7	4.6		2.9	2.8	
58.0	7.0	7.8	6.6	6.6	6.8	5.4	6.0	6.0		4.6	4.5		2.9	2.7	
62.0	6.4	7.1	6.1	5.6	6.0	5.0	5.1	5.3	3.8	4.6	4.4	3.0	2.9	2.7	
66.0		6.6	5.3		5.2	4.2		4.6	3.2	4.3	4.3	2.4	2.8	2.6	1.7
70.0		6.1	4.6		4.5	3.6		4.0	2.5		3.8	1.9		2.6	
74.0			4.0			3.0		3.3	2.0		3.2			2.5	
78.0									1.5						
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 45	8 to 56	8 to 64	8 to 51	8 to 64	8 to 59	8 to 31	8 to 63	8 to 55	8 to 23
Standard hook block	12.2t														
Hook block weight	440kg														
Standard number of parts of line	1														

PS + Luffing Jib

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		30.1					18.5		
26.0		27.2			21.4				
28.0		21.3			19.0				
30.0			22.8		16.5			16.4	
32.0			20.3						
34.0						15.9			
36.0									14.0
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	22.8		17.5			15.6			11.7		
30.0	18.6	20.9		16.0	17.7		15.3			11.6		
32.0	16.9	19.3		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	17.8	19.2	13.1	15.0		12.5	14.2		11.0	11.5	
36.0		16.3	17.8		13.8			13.0		11.0	11.2	
38.0		14.9	16.5		12.6	13.7		12.0			10.9	
40.0		13.4	15.3		11.5	12.7		11.0	11.9		10.7	
42.0			14.1		10.3	11.7		9.9	11.0		10.2	
44.0			12.9			10.8			10.2		9.1	10.6
46.0						9.9			9.4			9.4
48.0									8.6			8.6
50.0												7.9
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.2		17.6			14.7			11.4			7.7		
30.0	16.1	19.5		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	18.0		14.6	16.3		13.8	14.4		11.0			7.7		
34.0	12.9	16.6		13.3	15.0		12.7	14.1		10.7	11.1		7.7		
36.0		15.3	17.5	12.0	13.8		11.4	13.2		10.6	10.8		7.5	7.2	
38.0		14.0	16.2		12.7	13.6		12.0			10.5		7.2	7.2	
40.0		12.8	15.0		11.7	12.6		11.0			10.5			7.0	
42.0		11.4	13.9		10.6	11.7		10.1	11.0		10.1			7.0	
44.0			12.9			10.8		9.1	10.1		9.3	10.3		7.0	
46.0			11.8			10.0			9.4		8.3	9.3		6.6	6.9
48.0						9.1			8.6			8.6			6.7
50.0									7.8			7.9			6.4
54.0															6.4
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	19.1		15.9			13.0			10.2			7.8		
32.0	16.7	18.8		15.6			12.8			10.0			7.7		
34.0	15.7	18.1		15.0	15.4		12.7			9.8			7.5		
36.0	14.8	17.0		14.1	15.0		12.4	12.6		9.7			7.3		
38.0	14.0	15.8		13.0	14.2		11.3	12.1		9.6	9.7		7.2	7.3	
40.0	12.9	14.7	15.3	11.9	13.2		10.3	11.4		9.4	9.5		7.0	7.1	
42.0		13.6	14.6	10.8	12.3	12.7	9.3	10.5		9.2	9.4		6.9	6.9	
44.0		12.6	13.7		11.5	12.1		9.7	10.2		9.2		6.7	6.8	
46.0		11.5	12.8		10.6	11.4		9.0	9.5		8.8			6.6	
48.0		10.4	11.9		9.8	10.7		8.3	8.9		8.3	8.8		6.5	
50.0			11.0			10.0		7.5	8.3		7.6	8.1		6.3	6.3
54.0									7.1			7.0			6.0
58.0												5.9			5.8
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.1														
24.0	16.8			14.0											
26.0	16.5			13.8			12.0			9.2					
28.0	16.2			13.7			11.8			9.0			6.6		
30.0	16.0			13.5			11.6			8.9			6.5		
32.0	15.7			13.3			11.5			8.7			6.3		
34.0	15.4	15.4		13.2			11.4			8.6			6.2		
36.0	14.8	15.2		13.0	13.1		11.2			8.5			6.1		
38.0	13.7	14.4		12.2	12.9		11.0	11.2		8.3			6.0		
40.0	12.7	13.5		11.3	12.0		10.6	10.9		8.2	8.2		5.9		
42.0	11.8	12.6	12.7	10.5	11.2		9.7	10.2		8.1	8.1		5.8	5.7	
44.0	10.9	11.8	12.1	9.6	10.4		8.9	9.5		7.9	7.9		5.7	5.6	
46.0	9.9	11.0	11.5	8.8	9.7	9.9	8.2	8.9		7.8	7.8		5.6	5.5	
48.0		10.2	10.7		9.0	9.4	7.5	8.3	8.5	7.5	7.7		5.5	5.4	
50.0		9.5	10.1		8.4	8.8		7.7	7.9		7.5	7.5	5.3	5.3	
54.0			8.8		7.1	7.7		6.6	6.9		6.5	6.7		5.0	5.0
58.0						6.6			6.0		5.4	5.8		4.8	4.8
62.0												5.0			4.3
66.0															3.6
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
24.0	15.5														
26.0	15.3														
28.0	15.1			12.9			10.5			7.8					
30.0	14.9			12.7			10.3			7.7			5.4		
32.0	14.8			12.6			10.2			7.5			5.4		
34.0	14.6			12.4			10.1			7.4			5.3		
36.0	14.5	14.5		12.3			10.0			7.3			5.2		
38.0	14.4	13.9		12.0			9.9			7.2			5.1		
40.0	14.1	13.3		11.7	11.4		9.7	9.8		7.1			5.0		
42.0	13.2	12.8		10.9	10.9		9.6	9.7		7.0	7.0		4.9		
44.0	12.3	12.2		10.1	10.4		9.4	9.4		7.0	6.9		4.9	4.8	
46.0	11.5	11.7	10.3	9.4	9.9		8.7	9.0		6.9	6.8		4.8	4.7	
48.0	10.6	11.3	9.8	8.7	9.3		8.1	8.4		6.8	6.7		4.7	4.6	
50.0	9.8	10.8	9.4	8.1	8.7	7.7	7.4	7.9		6.7	6.6		4.7	4.5	
54.0		9.5	8.6		7.6	7.1	6.2	6.8	7.0	6.3	6.4	6.0	4.5	4.4	
58.0		8.1	7.6		6.5	6.2		5.9	6.1		5.8	5.1		4.2	4.1
62.0			6.7			5.4		5.0	5.2		4.9	4.3		4.0	3.8
66.0									4.5			3.6			3.1
70.0															2.5
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 50
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2						1								

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.1														
28.0	13.9			11.2											
30.0	13.8			11.1			8.7								
32.0	13.6			11.0			8.6			6.1			4.1		
34.0	13.4			10.8			8.5			6.0			4.0		
36.0	13.3			10.7			8.3			6.0			3.9		
38.0	13.2	13.2		10.6			8.3			5.9			3.8		
40.0	12.8	12.7		10.5			8.2			5.8			3.8		
42.0	12.1	12.1		10.2	10.3		8.1			5.7			3.7		
44.0	11.4	11.5		10.0	10.1		8.0	8.0		5.7			3.7		
46.0	10.7	11.0		9.3	9.5		7.9	7.9		5.6	5.5		3.6		
48.0	10.0	10.3	9.1	8.7	8.9		7.8	7.7		5.5	5.5		3.6	3.5	
50.0	9.3	9.7	8.7	8.1	8.3		7.4	7.6		5.5	5.4		3.6	3.4	
54.0	8.0	8.5	7.8	7.0	7.3	6.6	6.3	6.5		5.4	5.2		3.4	3.3	
58.0	6.8	7.5	6.8	5.9	6.4	5.7	5.4	5.7	4.6	5.2	5.1	3.6	3.4	3.2	
62.0		6.4	5.9		5.5	4.9		4.9	3.8		4.8	2.9		3.1	2.1
66.0			5.1		4.6	4.2		4.1	3.1		4.0	2.2		3.0	1.5
70.0						3.5			2.5			1.7		2.9	
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 44	8 to 58	8 to 52	8 to 40	8 to 57	8 to 60	8 to 29
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 64.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
28.0	12.3													
30.0	12.1			9.6										
32.0	12.0			9.5			7.4			5.1				
34.0	11.9			9.4			7.3			5.0			3.1	
36.0	11.7			9.3			7.2			5.0			3.1	
38.0	11.6			9.2			7.1			4.9			3.0	
40.0	11.5			9.1			7.0			4.8			3.0	
42.0	11.4	10.4		9.0			7.0			4.8			2.9	
44.0	11.3	10.0		8.9	8.6		6.9			4.7			2.9	
46.0	11.0	9.5		8.8	8.2		6.8	6.8		4.7			2.9	
48.0	10.6	9.1		8.7	7.9		6.8	6.7		4.6	4.5		2.8	
50.0	10.1	8.7		8.3	7.5		6.7	6.5		4.6	4.5		2.8	2.6
54.0	9.1	8.0	6.6	7.2	6.9		6.4	6.0		4.5	4.4		2.7	2.5
58.0	7.9	7.4	5.8	6.3	6.4	4.7	5.7	5.5		4.4	4.3		2.6	2.5
62.0	6.8	6.9	4.9	5.3	5.7	3.9	4.8	5.0	2.8	4.4	4.2	2.2	2.6	2.4
66.0		6.1	4.2		4.9	3.2		4.3	2.1	4.0	4.1	1.6	2.6	2.3
70.0		5.3	3.5		4.2	2.6		3.6	1.6		3.4			2.3
74.0			2.9			2.0		3.0			2.8			2.2
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 45	8 to 56	8 to 64	8 to 34	8 to 64	8 to 59	8 to 25	8 to 63	8 to 55
Standard hook block	35t			12.2t										
Hook block weight	950kg			440kg										
Standard number of parts of line	2			1										

PS + Luffing Jib

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 70.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
32.0	10.3										
34.0	10.2			8.0			6.1				
36.0	10.1			8.0			6.0			3.9	
38.0	10.0			7.9			5.9			3.8	
40.0	9.9			7.8			5.8			3.8	
42.0	9.8			7.8			5.8			3.8	
44.0	9.7			7.7			5.8			3.8	
46.0	9.7	8.4		7.6			5.7			3.8	
48.0	9.6	8.0		7.6	6.7		5.6			3.7	
50.0	9.3	7.7		7.5	6.4		5.6	5.6		3.7	
54.0	8.6	7.1		7.1	5.9		5.5	5.4		3.6	3.5
58.0	8.0	6.5	5.2	6.4	5.4		5.4	5.0		3.6	3.4
62.0	7.1	6.0	4.4	5.5	4.9	3.1	5.0	4.5	2.4	3.5	3.3
66.0	6.2	5.6	3.7	4.7	4.5	2.5	4.2	4.1	1.8	3.5	3.3
70.0	5.2	4.8	3.1	4.0	3.9	1.9	3.5	3.4		3.4	2.7
74.0		4.2	2.5		3.3			2.8			2.2
78.0			1.9		2.7			2.3			1.6
θ (°)	8 to 65	8 to 54	8 to 46	8 to 63	8 to 61	8 to 30	8 to 62	8 to 57	8 to 22	8 to 60	8 to 54
Standard hook block	12.2t										
Hook block weight	440kg										
Standard number of parts of line	1										

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.7														
24.0	17.1														
26.0	16.4			14.2			12.6			9.3					
28.0	15.5			13.9			12.5			9.1			6.8		
30.0	14.5			13.7			12.3			9.0			6.7		
32.0	13.7			13.2			12.1			8.8			6.5		
34.0	12.8	14.9		12.6			11.9			8.7			6.4		
36.0	12.0	14.1		12.0	13.3		11.5			8.6			6.3		
38.0	11.3	13.2		11.3	13.0		11.1	11.9		8.4			6.2		
40.0	10.7	12.4		10.7	12.3		10.6	11.7		8.3	8.4		6.1		
42.0	10.1	11.7	13.2	10.1	11.6		10.2	11.4		8.2	8.2		6.0	5.9	
44.0	9.5	11.0	12.5	9.6	10.8		9.7	10.8		8.1	8.1		5.9	5.8	
46.0	9.0	10.4	11.8	9.1	10.1	10.2	9.1	10.1		7.9	8.0		5.7	5.7	
48.0		9.8	11.1		9.4	9.7	8.4	9.4	9.2	7.7	7.8		5.6	5.6	
50.0		9.3	10.5		8.7	9.2		8.8	8.8		7.7	7.7	5.5	5.5	
54.0			9.3		7.4	8.1		7.6	8.0		6.8	7.1		5.3	5.2
58.0						7.0			7.1		5.6	6.2		5.0	5.0
62.0												5.3			4.8
66.0															4.3
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.0														
28.0	13.3			12.0			10.2			7.8					
30.0	12.7			11.6			10.1			7.6			5.6		
32.0	12.0			11.1			9.8			7.5			5.5		
34.0	11.4			10.5			9.6			7.4			5.4		
36.0	10.7			10.0			9.2			7.3			5.3		
38.0	10.1	11.7		9.5			8.9			7.2			5.2		
40.0	9.5	11.0		9.0	10.4		8.5	9.4		7.1			5.1		
42.0	9.0	10.4		8.5	9.9		8.2	9.2		7.1	7.0		5.1		
44.0	8.5	9.8		8.0	9.4		7.8	8.8		6.9	7.0		5.0	4.9	
46.0	8.0	9.3	10.4	7.6	8.9		7.4	8.5		6.7	6.9		4.9	4.8	
48.0	7.6	8.7	9.9	7.2	8.4		7.1	8.2		6.5	6.8		4.9	4.8	
50.0	7.2	8.3	9.3	6.8	8.0	8.1	6.8	7.8		6.3	6.7		4.8	4.7	
54.0		7.4	8.3		7.2	7.5	6.1	7.1	7.3	5.8	6.5	6.5	4.6	4.5	
58.0		6.7	7.5		6.4	6.8		6.2	6.4		6.0	5.8		4.4	4.3
62.0			6.7			6.0		5.2	5.6		5.2	5.0		4.2	4.1
66.0									4.9			4.3			3.7
70.0															3.2
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 50
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.1														
28.0	13.9			11.3											
30.0	13.8			11.2			8.8								
32.0	13.6			11.1			8.7			6.4			4.4		
34.0	13.4			11.0			8.6			6.3			4.3		
36.0	13.1			10.8			8.5			6.2			4.2		
38.0	12.7	13.3		10.7			8.5			6.1			4.1		
40.0	12.2	13.0		10.6			8.4			6.1			4.1		
42.0	11.8	12.5		10.5	10.5		8.3			6.0			4.0		
44.0	11.4	12.0		10.3	10.4		8.2	8.2		5.9			4.0		
46.0	10.9	11.4		9.7	10.0		8.1	8.1		5.8	5.8		3.9		
48.0	10.3	10.7		9.0	9.3		8.1	8.0		5.8	5.7		3.9	3.7	
50.0	9.6	10.1	9.1	8.4	8.7		7.7	7.9		5.7	5.7		3.8	3.7	
54.0	8.4	8.9	8.4	7.3	7.7	7.2	6.7	6.9		5.6	5.5		3.7	3.6	
58.0	7.1	7.8	7.4	6.2	6.7	6.4	5.7	6.0	5.3	5.5	5.4	4.3	3.7	3.5	
62.0		6.8	6.5		5.8	5.6		5.2	4.5		5.1	3.5		3.4	2.8
66.0			5.7		4.9	4.8		4.5	3.8		4.4	2.9		3.3	2.2
70.0						4.1			3.2			2.3		3.2	1.7
74.0												1.8			
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 44	8 to 58	8 to 52	8 to 50	8 to 57	8 to 60	8 to 36
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 118t, outrigger extension width 8.0m
PS + boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
28.0	12.2													
30.0	12.1			9.5										
32.0	11.7			9.5			7.4							
34.0	11.4			9.4			7.3			5.1			3.4	
36.0	11.0			9.3			7.3			5.0			3.3	
38.0	10.6			9.2			7.2			5.0			3.3	
40.0	10.2			9.0			7.1			5.0			3.2	
42.0	9.8	10.8		8.8			7.1			5.0			3.2	
44.0	9.4	10.4		8.6	9.0		7.0			4.9			3.2	
46.0	9.0	10.0		8.3	8.8		6.9	6.9		4.8			3.1	
48.0	8.6	9.6		8.1	8.4		6.9	6.8		4.8	4.7		3.1	
50.0	8.3	9.2		7.8	8.1		6.8	6.8		4.7	4.7		3.1	2.9
54.0	7.6	8.5	7.2	7.3	7.4		6.6	6.5		4.7	4.6		2.9	2.8
58.0	7.0	7.8	6.6	6.6	6.8	5.4	6.0	6.0		4.6	4.5		2.9	2.7
62.0	6.4	7.1	5.7	5.6	6.0	4.6	5.1	5.3	3.5	4.6	4.4	2.7	2.9	2.7
66.0		6.6	5.0		5.2	3.9		4.6	2.8	4.3	4.3	2.1	2.8	2.6
70.0		6.0	4.3		4.5	3.3		4.0	2.2		3.8	1.6		2.6
74.0			3.7			2.7		3.3	1.7		3.2			2.5
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 45	8 to 56	8 to 64	8 to 41	8 to 64	8 to 59	8 to 31	8 to 63	8 to 55
Standard hook block	12.2t													
Hook block weight	440kg													
Standard number of parts of line	1													

PS + Luffing Jib

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		30.1					18.5		
26.0		27.2			21.4				
28.0		21.3			19.0				
30.0			22.8		16.5			16.4	
32.0			20.3						
34.0						15.9			
36.0									14.0
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	22.8		17.5			15.6			11.7		
30.0	18.6	20.9		16.0	17.7		15.3			11.6		
32.0	16.9	19.3		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	17.8	18.6	13.1	15.0		12.5	14.2		11.0	11.5	
36.0		16.3	17.2		13.8			13.0		11.0	11.2	
38.0		14.9	16.0		12.6	13.7		12.0			10.9	
40.0		13.4	14.9		11.5	12.7		11.0	11.9		10.7	
42.0			13.9		10.3	11.7		9.9	11.0		10.2	
44.0			12.9			10.8			10.2		9.1	9.1
46.0						9.9			9.4			8.4
48.0									8.6			7.8
50.0												7.3
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.2		17.6			14.7			11.4			7.7		
30.0	16.1	19.5		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	18.0		14.6	16.3		13.8	14.4		11.0			7.7		
34.0	12.9	16.6		13.3	15.0		12.7	14.1		10.7	11.1		7.7		
36.0		15.3	16.8	12.0	13.8		11.4	13.2		10.6	10.8		7.5	7.2	
38.0		14.0	15.6		12.7	13.6		12.0			10.5		7.2	7.2	
40.0		12.8	14.5		11.7	12.6		11.0			10.5			7.0	
42.0		11.4	13.5		10.6	11.7		10.1	10.5		10.1			7.0	
44.0			12.7			10.8		9.1	9.7		9.3	8.8		7.0	
46.0			11.8			10.0			9.0		8.3	8.1		6.6	6.9
48.0						9.1			8.4			7.5			6.7
50.0									7.8			7.0			6.3
54.0															5.3
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	19.1		15.9			13.0			10.2			7.8		
32.0	16.7	18.8		15.6			12.8			10.0			7.7		
34.0	15.7	18.1		15.0	15.4		12.7			9.8			7.5		
36.0	14.8	17.0		14.1	15.0		12.4	12.6		9.7			7.3		
38.0	14.0	15.8		13.0	14.2		11.3	12.1		9.6	9.7		7.2	7.3	
40.0	12.9	14.7	13.9	11.9	13.2		10.3	11.4		9.4	9.5		7.0	7.1	
42.0		13.6	13.0	10.8	12.3	11.2	9.3	10.5		9.2	9.4		6.9	6.9	
44.0		12.6	12.1		11.5	10.3		9.7	9.0		9.2		6.7	6.8	
46.0		11.5	11.2		10.6	9.6		9.0	8.3		8.8			6.6	
48.0		10.4	10.5		9.8	8.9		8.3	7.7		8.3	6.8		6.5	
50.0			9.8			8.3		7.5	7.1		7.6	6.3		6.3	5.9
54.0									6.1			5.4			5.0
58.0												4.6			4.2
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.1														
24.0	16.8			14.0											
26.0	16.5			13.8			12.0			9.2					
28.0	16.2			13.7			11.8			9.0			6.6		
30.0	16.0			13.5			11.6			8.9			6.5		
32.0	15.7			13.3			11.5			8.7			6.3		
34.0	15.4	15.4		13.2			11.4			8.6			6.2		
36.0	14.8	15.2		13.0	13.1		11.2			8.5			6.1		
38.0	13.7	14.4		12.2	12.9		11.0	11.2		8.3			6.0		
40.0	12.7	13.5		11.3	12.0		10.6	10.9		8.2	8.2		5.9		
42.0	11.8	12.6	11.5	10.5	11.2		9.7	10.2		8.1	8.1		5.8	5.7	
44.0	10.9	11.8	10.6	9.6	10.4		8.9	9.5		7.9	7.9		5.7	5.6	
46.0	9.9	11.0	9.8	8.8	9.7	8.1	8.2	8.9		7.8	7.8		5.6	5.5	
48.0		10.2	9.1		9.0	7.5	7.5	8.3	6.4	7.5	7.7		5.5	5.4	
50.0		9.5	8.4		8.4	6.9		7.7	5.8		7.5	5.5	5.3	5.3	
54.0			7.3		7.1	5.9		6.6	4.9		6.5	4.6		5.0	3.5
58.0						5.0			4.1		5.4	3.8		4.8	2.8
62.0												3.1			2.2
66.0															1.6
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
24.0	15.5														
26.0	15.3														
28.0	15.1			12.9			10.5			7.8					
30.0	14.9			12.7			10.3			7.7			5.4		
32.0	14.8			12.6			10.2			7.5			5.4		
34.0	14.6			12.4			10.1			7.4			5.3		
36.0	14.5	14.5		12.3			10.0			7.3			5.2		
38.0	14.4	13.9		12.0			9.9			7.2			5.1		
40.0	14.1	13.3		11.7	11.4		9.7	9.8		7.1			5.0		
42.0	13.2	12.8		10.9	10.9		9.6	9.7		7.0	7.0		4.9		
44.0	12.3	12.2		10.1	10.4		9.4	9.4		7.0	6.9		4.9	4.8	
46.0	11.5	11.7	8.9	9.4	9.9		8.7	9.0		6.9	6.8		4.8	4.7	
48.0	10.6	10.8	8.2	8.7	9.3		8.1	8.4		6.8	6.7		4.7	4.6	
50.0	9.8	10.1	7.6	8.1	8.6	5.8	7.4	7.9		6.7	6.6		4.7	4.5	
54.0		8.8	6.5		7.4	4.9	6.2	6.8	4.6	6.3	6.4	3.5	4.5	4.4	
58.0		7.7	5.5		6.4	4.0		5.9	3.8		5.6	2.8		4.2	2.3
62.0			4.7			3.3		5.0	3.1		4.8	2.2		4.0	1.7
66.0									2.5			1.6			
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 30
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
26.0	14.1												
28.0	13.9			11.2									
30.0	13.8			11.1			8.7						
32.0	13.6			11.0			8.6			6.1		4.1	
34.0	13.4			10.8			8.5			6.0		4.0	
36.0	13.3			10.7			8.3			6.0		3.9	
38.0	13.2	13.2		10.6			8.3			5.9		3.8	
40.0	12.8	12.7		10.5			8.2			5.8		3.8	
42.0	12.1	12.1		10.2	10.3		8.1			5.7		3.7	
44.0	11.4	11.5		10.0	10.1		8.0	8.0		5.7		3.7	
46.0	10.7	11.0		9.3	9.5		7.9	7.9		5.6	5.5	3.6	
48.0	10.0	10.1	7.4	8.7	8.9		7.8	7.7		5.5	5.5	3.6	3.5
50.0	9.3	9.4	6.8	8.1	8.3		7.4	7.2		5.5	5.4	3.6	3.4
54.0	8.0	8.1	5.7	7.0	7.1	4.4	6.3	6.0		5.4	5.1	3.4	3.3
58.0	6.8	7.0	4.7	5.9	6.0	3.6	5.4	5.1	2.4	5.2	4.2	3.4	3.2
62.0		6.0	3.9		5.1	2.8		4.2	1.7		3.5		2.9
66.0			3.2		4.3	2.2		3.5			2.8		2.2
70.0						1.6							1.6
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 29	8 to 58	8 to 52	8 to 57	8 to 60
Standard hook block	35t			12.2t									
Hook block weight	950kg			440kg									
Standard number of parts of line	2			1									

PS + Luffing Jib

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.7														
24.0	17.1														
26.0	16.4			14.2			12.6			9.3					
28.0	15.5			13.9			12.5			9.1			6.8		
30.0	14.5			13.7			12.3			9.0			6.7		
32.0	13.7			13.2			12.1			8.8			6.5		
34.0	12.8	14.9		12.6			11.9			8.7			6.4		
36.0	12.0	14.1		12.0	13.3		11.5			8.6			6.3		
38.0	11.3	13.2		11.3	13.0		11.1	11.9		8.4			6.2		
40.0	10.7	12.4		10.7	12.3		10.6	11.7		8.3	8.4		6.1		
42.0	10.1	11.7	12.1	10.1	11.6		10.2	11.4		8.2	8.2		6.0	5.9	
44.0	9.5	11.0	11.2	9.6	10.8		9.7	10.8		8.1	8.1		5.9	5.8	
46.0	9.0	10.4	10.4	9.1	10.1	8.6	9.1	10.1		7.9	8.0		5.7	5.7	
48.0		9.8	9.7		9.4	8.0	8.4	9.4	7.2	7.7	7.8		5.6	5.6	
50.0		9.3	9.1		8.7	7.4		8.8	6.6		7.7	6.2	5.5	5.5	
54.0			7.9		7.4	6.4		7.6	5.7		6.8	5.3		5.3	4.2
58.0						5.5			4.8		5.6	4.5		5.0	3.5
62.0												3.8			2.9
66.0															2.3
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.0														
28.0	13.3			12.0			10.2			7.8					
30.0	12.7			11.6			10.1			7.6			5.6		
32.0	12.0			11.1			9.8			7.5			5.5		
34.0	11.4			10.5			9.6			7.4			5.4		
36.0	10.7			10.0			9.2			7.3			5.3		
38.0	10.1	11.7		9.5			8.9			7.2			5.2		
40.0	9.5	11.0		9.0	10.4		8.5	9.4		7.1			5.1		
42.0	9.0	10.4		8.5	9.9		8.2	9.2		7.1	7.0		5.1		
44.0	8.5	9.8		8.0	9.4		7.8	8.8		6.9	7.0		5.0	4.9	
46.0	8.0	9.3	9.3	7.6	8.9		7.4	8.5		6.7	6.9		4.9	4.8	
48.0	7.6	8.7	8.6	7.2	8.4		7.1	8.2		6.5	6.8		4.9	4.8	
50.0	7.2	8.3	8.0	6.8	8.0	6.4	6.8	7.8		6.3	6.7		4.8	4.7	
54.0		7.4	6.9		7.2	5.5	6.1	7.1	5.3	5.8	6.5	4.2	4.6	4.5	
58.0		6.7	6.0		6.4	4.6		6.2	4.5		6.0	3.5		4.4	2.9
62.0			5.1			3.9		5.2	3.8		5.2	2.9		4.2	2.3
66.0									3.2			2.3			1.8
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 39
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
26.0	14.1													
28.0	13.9			11.3										
30.0	13.8			11.2			8.8							
32.0	13.6			11.1			8.7			6.4			4.4	
34.0	13.4			11.0			8.6			6.3			4.3	
36.0	13.1			10.8			8.5			6.2			4.2	
38.0	12.7	13.3		10.7			8.5			6.1			4.1	
40.0	12.2	13.0		10.6			8.4			6.1			4.1	
42.0	11.8	12.5		10.5	10.5		8.3			6.0			4.0	
44.0	11.4	12.0		10.3	10.4		8.2	8.2		5.9			4.0	
46.0	10.9	11.4		9.7	10.0		8.1	8.1		5.8	5.8		3.9	
48.0	10.3	10.7		9.0	9.3		8.1	8.0		5.8	5.7		3.9	3.7
50.0	9.6	10.0	7.4	8.4	8.7		7.7	7.8		5.7	5.7		3.8	3.7
54.0	8.4	8.7	6.3	7.3	7.7	5.1	6.7	6.7		5.6	5.5		3.7	3.6
58.0	7.1	7.6	5.4	6.2	6.7	4.2	5.7	5.7	3.1	5.5	4.9	2.0	3.7	3.5
62.0		6.6	4.6		5.7	3.5		4.9	2.4		4.1	1.5		3.4
66.0			3.8		4.9	2.8		4.2	1.8		3.4			2.9
70.0						2.3								2.4
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 36	8 to 58	8 to 52	8 to 26	8 to 57	8 to 60
Standard hook block	35t			12.2t										
Hook block weight	950kg			440kg										
Standard number of parts of line	2			1										

Counterweight 98t, outrigger extension width 8.5m
PS + boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
28.0	12.2											
30.0	12.1			9.5								
32.0	11.7			9.5			7.4					
34.0	11.4			9.4			7.3		5.1		3.4	
36.0	11.0			9.3			7.3		5.0		3.3	
38.0	10.6			9.2			7.2		5.0		3.3	
40.0	10.2			9.0			7.1		5.0		3.2	
42.0	9.8	10.8		8.8			7.1		5.0		3.2	
44.0	9.4	10.4		8.6	9.0		7.0		4.9		3.2	
46.0	9.0	10.0		8.3	8.8		6.9	6.9	4.8		3.1	
48.0	8.6	9.6		8.1	8.4		6.9	6.8	4.8	4.7	3.1	
50.0	8.3	9.1		7.8	7.9		6.8	6.7	4.7	4.7	3.1	2.9
54.0	7.6	7.9	5.4	7.3	6.7		6.6	5.6	4.7	4.6	2.9	2.8
58.0	7.0	6.8	4.5	6.6	5.7	3.2	6.0	4.7	4.6	4.1	2.9	2.7
62.0	6.4	5.8	3.8	5.6	4.8	2.5	5.1	3.9	4.6	3.3	2.9	2.7
66.0		5.0	3.1		4.1	1.9		3.2	4.3	2.7	2.8	2.2
70.0		4.3	2.5		3.4			2.6		2.1		1.7
74.0			1.9					2.1		1.6		
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 31	8 to 56	8 to 64	8 to 64	8 to 59	8 to 63	8 to 46
Standard hook block	12.2t											
Hook block weight	440kg											
Standard number of parts of line	1											

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		30.1					18.5		
26.0		27.2			21.4				
28.0		21.3			19.0				
30.0			22.8		16.5			16.4	
32.0			20.3						
34.0						15.9			
36.0									14.0
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	22.8		17.5			15.6			11.7		
30.0	18.6	20.9		16.0	17.7		15.3			11.6		
32.0	16.9	19.3		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	17.8	17.9	13.1	15.0		12.5	14.2		11.0	11.5	
36.0		16.3	16.6		13.8			13.0		11.0	11.2	
38.0		14.9	15.4		12.6	13.7		12.0			10.9	
40.0		13.4	14.3		11.5	12.7		11.0	11.2		10.7	
42.0			13.3		10.3	11.7		9.9	10.4		10.2	
44.0			12.5			10.8			9.6		9.1	8.5
46.0						9.9			8.9			7.8
48.0									8.3			7.2
50.0												6.7
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.2		17.6			14.7			11.4			7.7		
30.0	16.1	19.5		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	18.0		14.6	16.3		13.8	14.4		11.0			7.7		
34.0	12.9	16.6		13.3	15.0		12.7	14.1		10.7	11.1		7.7		
36.0		15.3	16.1	12.0	13.8		11.4	13.2		10.6	10.8		7.5	7.2	
38.0		14.0	15.0		12.7	13.6		12.0			10.5		7.2	7.2	
40.0		12.8	13.9		11.7	12.5		11.0			10.5			7.0	
42.0		11.4	13.0		10.6	11.6		10.1	9.9		10.1			7.0	
44.0			12.1			10.8		9.1	9.1		9.3	8.1		7.0	
46.0			11.3			10.0			8.4		8.3	7.5		6.6	6.7
48.0						9.1			7.8			6.9			6.2
50.0									7.2			6.4			5.7
54.0															4.8
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	19.1		15.9			13.0			10.2			7.8		
32.0	16.7	18.8		15.6			12.8			10.0			7.7		
34.0	15.7	18.1		15.0	15.4		12.7			9.8			7.5		
36.0	14.8	17.0		14.1	15.0		12.4	12.6		9.7			7.3		
38.0	14.0	15.8		13.0	14.2		11.3	12.1		9.6	9.7		7.2	7.3	
40.0	12.9	14.7	13.3	11.9	13.2		10.3	11.4		9.4	9.5		7.0	7.1	
42.0		13.6	12.3	10.8	12.3	10.5	9.3	10.5		9.2	9.4		6.9	6.9	
44.0		12.6	11.5		11.5	9.7		9.7	8.4		9.2		6.7	6.8	
46.0		11.5	10.7		10.6	9.0		9.0	7.7		8.8			6.6	
48.0		10.4	9.9		9.8	8.4		8.3	7.1		8.3	6.2		6.5	
50.0			9.2			7.8		7.5	6.6		7.6	5.7		6.3	5.3
54.0									5.6			4.9			4.5
58.0												4.1			3.7
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

PS + Luffing Jib

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.1														
24.0	16.8			14.0											
26.0	16.5			13.8			12.0			9.2					
28.0	16.2			13.7			11.8			9.0			6.6		
30.0	16.0			13.5			11.6			8.9			6.5		
32.0	15.7			13.3			11.5			8.7			6.3		
34.0	15.4	15.4		13.2			11.4			8.6			6.2		
36.0	14.8	15.2		13.0	13.1		11.2			8.5			6.1		
38.0	13.7	14.4		12.2	12.9		11.0	11.2		8.3			6.0		
40.0	12.7	13.5		11.3	12.0		10.6	10.9		8.2	8.2		5.9		
42.0	11.8	12.6	10.8	10.5	11.2		9.7	10.2		8.1	8.1		5.8	5.7	
44.0	10.9	11.8	10.0	9.6	10.4		8.9	9.5		7.9	7.9		5.7	5.6	
46.0	9.9	11.0	9.2	8.8	9.7	7.5	8.2	8.9		7.8	7.8		5.6	5.5	
48.0		10.2	8.5		9.0	6.9	7.5	8.3	5.8	7.5	7.7		5.5	5.4	
50.0		9.5	7.9		8.4	6.4		7.7	5.3		7.5	4.9	5.3	5.3	
54.0			6.8		7.1	5.4		6.6	4.4		6.5	4.1		5.0	3.0
58.0						4.5			3.6		5.4	3.3		4.8	2.3
62.0												2.6			1.7
θ(°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 42
Standard hook block	35t						12.2t								
Hook block weight	950kg						440kg								
Standard number of parts of line	2						1								

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
24.0	15.5														
26.0	15.3														
28.0	15.1			12.9			10.5			7.8					
30.0	14.9			12.7			10.3			7.7			5.4		
32.0	14.8			12.6			10.2			7.5			5.4		
34.0	14.6			12.4			10.1			7.4			5.3		
36.0	14.5	14.5		12.3			10.0			7.3			5.2		
38.0	14.4	13.9		12.0			9.9			7.2			5.1		
40.0	14.1	13.3		11.7	11.4		9.7	9.8		7.1			5.0		
42.0	13.2	12.8		10.9	10.9		9.6	9.7		7.0	7.0		4.9		
44.0	12.3	12.0		10.1	10.3		9.4	9.4		7.0	6.9		4.9	4.8	
46.0	11.5	11.1	8.3	9.4	9.5		8.7	9.0		6.9	6.8		4.8	4.7	
48.0	10.6	10.3	7.6	8.7	8.8		8.1	8.4		6.8	6.7		4.7	4.6	
50.0	9.8	9.6	7.0	8.1	8.1	5.3	7.4	7.9		6.7	6.6		4.7	4.5	
54.0		8.3	6.0		6.9	4.4	6.2	6.8	4.1	6.3	6.1	3.0	4.5	4.4	
58.0		7.2	5.0		5.9	3.6		5.9	3.3		5.2	2.3		4.2	1.8
62.0			4.2			2.9		5.0	2.7		4.3	1.7		4.0	
66.0									2.1						
θ(°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 34	8 to 60	8 to 52	8 to 24
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2						1								

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 58.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
26.0	14.1												
28.0	13.9			11.2									
30.0	13.8			11.1			8.7						
32.0	13.6			11.0			8.6			6.1		4.1	
34.0	13.4			10.8			8.5			6.0		4.0	
36.0	13.3			10.7			8.3			6.0		3.9	
38.0	13.2	13.2		10.6			8.3			5.9		3.8	
40.0	12.8	12.7		10.5			8.2			5.8		3.8	
42.0	12.1	12.1		10.2	10.3		8.1			5.7		3.7	
44.0	11.4	11.3		10.0	10.0		8.0	8.0		5.7		3.7	
46.0	10.7	10.4		9.3	9.2		7.9	7.9		5.6	5.5	3.6	
48.0	10.0	9.6	6.9	8.7	8.4		7.8	7.2		5.5	5.5	3.6	3.5
50.0	9.3	8.9	6.3	8.1	7.8		7.4	6.6		5.5	5.4	3.6	3.4
54.0	8.0	7.6	5.2	7.0	6.6	3.9	6.3	5.5		5.4	4.6	3.4	3.3
58.0	6.8	6.5	4.3	5.9	5.6	3.1	5.4	4.6	1.9	5.2	3.8	3.4	3.1
62.0		5.6	3.5		4.7	2.4		3.8			3.0		2.4
66.0			2.8		3.9	1.8		3.1			2.4		1.8
θ(°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 40	8 to 59	8 to 56	8 to 23	8 to 58	8 to 52	8 to 57	8 to 49
Standard hook block	35t			12.2t									
Hook block weight	950kg			440kg									
Standard number of parts of line	2			1									

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.7														
24.0	17.1														
26.0	16.4			14.2			12.6			9.3					
28.0	15.5			13.9			12.5			9.1			6.8		
30.0	14.5			13.7			12.3			9.0			6.7		
32.0	13.7			13.2			12.1			8.8			6.5		
34.0	12.8	14.9		12.6			11.9			8.7			6.4		
36.0	12.0	14.1		12.0	13.3		11.5			8.6			6.3		
38.0	11.3	13.2		11.3	13.0		11.1	11.9		8.4			6.2		
40.0	10.7	12.4		10.7	12.3		10.6	11.7		8.3	8.4		6.1		
42.0	10.1	11.7	11.5	10.1	11.6		10.2	11.4		8.2	8.2		6.0	5.9	
44.0	9.5	11.0	10.6	9.6	10.8		9.7	10.8		8.1	8.1		5.9	5.8	
46.0	9.0	10.4	9.9	9.1	10.1	8.0	9.1	10.1		7.9	8.0		5.7	5.7	
48.0		9.8	9.2		9.4	7.4	8.4	9.4	6.6	7.7	7.8		5.6	5.6	
50.0		9.3	8.5		8.7	6.8		8.8	6.1		7.7	5.7	5.5	5.5	
54.0			7.4		7.4	5.9		7.6	5.1		6.8	4.8		5.3	3.7
58.0						5.0			4.3		5.6	4.0		5.0	3.0
62.0												3.4			2.4
66.0															1.9
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 59
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
26.0	14.0														
28.0	13.3			12.0			10.2			7.8					
30.0	12.7			11.6			10.1			7.6			5.6		
32.0	12.0			11.1			9.8			7.5			5.5		
34.0	11.4			10.5			9.6			7.4			5.4		
36.0	10.7			10.0			9.2			7.3			5.3		
38.0	10.1	11.7		9.5			8.9			7.2			5.2		
40.0	9.5	11.0		9.0	10.4		8.5	9.4		7.1			5.1		
42.0	9.0	10.4		8.5	9.9		8.2	9.2		7.1	7.0		5.1		
44.0	8.5	9.8		8.0	9.4		7.8	8.8		6.9	7.0		5.0	4.9	
46.0	8.0	9.3	8.7	7.6	8.9		7.4	8.5		6.7	6.9		4.9	4.8	
48.0	7.6	8.7	8.0	7.2	8.4		7.1	8.2		6.5	6.8		4.9	4.8	
50.0	7.2	8.3	7.4	6.8	8.0	5.9	6.8	7.8		6.3	6.7		4.8	4.7	
54.0		7.4	6.4		7.2	4.9	6.1	7.1	4.8	5.8	6.5	3.7	4.6	4.5	
58.0		6.7	5.5		6.4	4.1		6.2	4.0		5.8	3.0		4.4	2.4
62.0			4.7			3.5		5.2	3.4		5.0	2.4		4.2	1.9
66.0									2.7			1.9			
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 49	8 to 62	8 to 57	8 to 43	8 to 60	8 to 52	8 to 30
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 58.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
26.0	14.1													
28.0	13.9			11.3										
30.0	13.8			11.2			8.8							
32.0	13.6			11.1			8.7			6.4			4.4	
34.0	13.4			11.0			8.6			6.3			4.3	
36.0	13.1			10.8			8.5			6.2			4.2	
38.0	12.7	13.3		10.7			8.5			6.1			4.1	
40.0	12.2	13.0		10.6			8.4			6.1			4.1	
42.0	11.8	12.5		10.5	10.5		8.3			6.0			4.0	
44.0	11.4	11.9		10.3	10.4		8.2	8.2		5.9			4.0	
46.0	10.9	11.0		9.7	9.8		8.1	8.1		5.8	5.8		3.9	
48.0	10.3	10.2		9.0	9.1		8.1	7.9		5.8	5.7		3.9	3.7
50.0	9.6	9.5	6.9	8.4	8.4		7.7	7.3		5.7	5.7		3.8	3.7
54.0	8.4	8.2	5.8	7.3	7.2	4.6	6.7	6.2		5.6	5.3		3.7	3.6
58.0	7.1	7.1	4.9	6.2	6.2	3.8	5.7	5.3	2.6	5.5	4.4	1.5	3.7	3.5
62.0		6.2	4.1		5.3	3.0		4.5	2.0		3.7			3.2
66.0			3.4		4.5	2.4		3.7			3.0			2.5
70.0						1.9								2.0
θ (°)	8 to 63	8 to 52	8 to 44	8 to 61	8 to 60	8 to 50	8 to 59	8 to 56	8 to 29	8 to 58	8 to 52	8 to 20	8 to 57	8 to 60	
Standard hook block	35t			12.2t											
Hook block weight	950kg			440kg											
Standard number of parts of line	2			1											

Counterweight 98t, outrigger extension width 8.0m
PS + boom + 2.5m + 64.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
28.0	12.2											
30.0	12.1			9.5								
32.0	11.7			9.5			7.4					
34.0	11.4			9.4			7.3		5.1		3.4	
36.0	11.0			9.3			7.3		5.0		3.3	
38.0	10.6			9.2			7.2		5.0		3.3	
40.0	10.2			9.0			7.1		5.0		3.2	
42.0	9.8	10.8		8.8			7.1		5.0		3.2	
44.0	9.4	10.4		8.6	9.0		7.0		4.9		3.2	
46.0	9.0	10.0		8.3	8.7		6.9	6.9	4.8		3.1	
48.0	8.6	9.3		8.1	8.0		6.9	6.7	4.8	4.7	3.1	
50.0	8.3	8.6		7.8	7.3		6.8	6.2	4.7	4.7	3.1	2.9
54.0	7.6	7.4	4.9	7.3	6.2		6.6	5.1	4.7	4.4	2.9	2.8
58.0	7.0	6.3	4.1	6.6	5.2	2.8	6.0	4.2	4.6	3.6	2.9	2.7
62.0	6.4	5.4	3.3	5.6	4.4	2.1	5.1	3.5	4.6	2.9	2.9	2.4
66.0		4.6	2.7		3.7	1.5		2.8	4.3	2.3	2.8	1.8
70.0		3.9	2.1		3.0			2.2		1.7		
74.0			1.6					1.7				
θ (°)	8 to 59	8 to 58	8 to 50	8 to 58	8 to 55	8 to 31	8 to 56	8 to 64	8 to 64	8 to 49	8 to 63	8 to 39
Standard hook block	12.2t											
Hook block weight	440kg											
Standard number of parts of line	1											

PS + Luffing Jib

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		30.1					18.5		
26.0		27.2			21.4				
28.0		21.3			19.0				
30.0			20.1		16.5			16.4	
32.0			18.4						
34.0						15.5			
36.0									13.0
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	22.7		17.5			15.6			11.7		
30.0	18.6	20.7		16.0	17.7		15.3			11.6		
32.0	16.9	19.0		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	17.5	14.6	13.1	15.0		12.5	14.2		11.0	11.5	
36.0		16.2	13.5		13.8			13.0		11.0	11.2	
38.0		14.9	12.5		12.6	10.8		12.0			10.9	
40.0		13.4	11.6		11.5	10.0		11.0	8.2		10.7	
42.0			10.7		10.3	9.2		9.9	7.6		10.0	
44.0			9.9			8.5			7.0		9.1	5.8
46.0						7.9			6.4			5.3
48.0									5.9			4.8
50.0												4.4
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.2		17.6			14.7			11.4			7.7		
30.0	16.1	19.5		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	18.0		14.6	16.3		13.8	14.4		11.0			7.7		
34.0	12.9	16.6		13.3	15.0		12.7	14.1		10.7	11.1		7.7		
36.0		15.3	13.1	12.0	13.8		11.4	13.2		10.6	10.8		7.5	7.2	
38.0		14.0	12.0		12.7	10.4		12.0			10.5		7.2	7.2	
40.0		12.8	11.1		11.7	9.5		11.0			10.5			7.0	
42.0		11.4	10.2		10.6	8.8		10.1	7.0		9.7			7.0	
44.0			9.5			8.1		9.1	6.4		9.0	5.5		7.0	
46.0			8.7			7.4			5.9		8.3	5.0		6.6	4.2
48.0						6.9			5.4			4.5			3.8
50.0									4.9			4.1			3.4
54.0															2.7
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	19.1		15.9			13.0			10.2			7.8		
32.0	16.7	17.9		15.6			12.8			10.0			7.7		
34.0	15.7	16.5		15.0	15.0		12.7			9.8			7.5		
36.0	14.8	15.2		14.1	13.8		12.4	12.6		9.7			7.3		
38.0	14.0	14.1		13.0	12.8		11.3	11.6		9.6	9.7		7.2	7.3	
40.0	12.9	13.1	10.3	11.9	11.8		10.3	10.6		9.4	9.5		7.0	7.1	
42.0		12.2	9.5	10.8	10.9	7.7	9.3	9.8		9.2	9.0		6.9	6.9	
44.0		11.4	8.7		10.1	7.0		9.1	5.7		8.3		6.7	6.8	
46.0		10.6	8.1		9.4	6.5		8.4	5.2		7.7			6.6	
48.0		9.9	7.5		8.7	5.9		7.8	4.7		7.1	3.8		6.5	
50.0			6.9			5.4		7.2	4.3		6.6	3.4		6.3	3.1
54.0									3.5			2.8			2.4
58.0												2.1			1.8
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
22.0	17.1													
24.0	16.8			14.0										
26.0	16.5			13.8			12.0			9.2				
28.0	16.2			13.7			11.8			9.0			6.6	
30.0	16.0			13.5			11.6			8.9			6.5	
32.0	15.7			13.3			11.5			8.7			6.3	
34.0	15.4	15.2		13.2			11.4			8.6			6.2	
36.0	14.8	14.0		13.0	12.3		11.2			8.5			6.1	
38.0	13.7	12.9		12.2	11.2		11.0	10.1		8.3			6.0	
40.0	12.7	11.9		11.3	10.3		10.6	9.2		8.2	8.2		5.9	
42.0	11.8	11.0	8.0	10.5	9.4		9.7	8.5		8.1	8.1		5.8	5.7
44.0	10.9	10.1	7.3	9.6	8.7		8.9	7.7		7.9	7.6		5.7	5.6
46.0	9.9	9.4	6.7	8.8	8.0	5.0	8.2	7.1		7.8	7.0		5.6	5.5
48.0		8.7	6.1		7.3	4.5	7.5	6.5	3.4	7.5	6.4		5.5	5.4
50.0		8.0	5.6		6.8	4.0		6.0	3.0		5.9	2.6	5.3	4.9
54.0			4.6		5.7	3.2		5.0	2.2		4.9	1.9		4.0
58.0						2.5			1.6		4.1			3.3
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 28	8 to 66	8 to 58
Standard hook block	35t						12.2t							
Hook block weight	950kg						440kg							
Standard number of parts of line	2						1							

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
24.0	15.5												
26.0	15.3												
28.0	15.1			12.9			10.5			7.8			
30.0	14.9			12.7			10.3			7.7		5.4	
32.0	14.8			12.6			10.2			7.5		5.4	
34.0	14.6			12.4			10.1			7.4		5.3	
36.0	14.5	13.0		12.3			10.0			7.3		5.2	
38.0	14.4	11.9		12.0			9.9			7.2		5.1	
40.0	14.1	10.9		11.7	9.0		9.7	9.1		7.1		5.0	
42.0	13.2	10.0		10.9	8.2		9.6	8.3		7.0	7.0	4.9	
44.0	12.3	9.2		10.1	7.5		9.4	7.6		7.0	6.5	4.9	4.8
46.0	11.5	8.5	5.7	9.4	6.9		8.7	6.9		6.9	5.9	4.8	4.7
48.0	10.6	7.8	5.2	8.7	6.3		8.1	6.3		6.8	5.3	4.7	4.6
50.0	9.8	7.2	4.7	8.1	5.7	3.0	7.4	5.8		6.7	4.8	4.7	4.4
54.0		6.1	3.8		4.8	2.2	6.2	4.8	2.0	6.3	3.9	4.5	3.6
58.0		5.2	3.1		4.0	1.6		4.0			3.2		2.9
62.0			2.4					3.3			2.5		2.2
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 34	8 to 64	8 to 62	8 to 23	8 to 62	8 to 57	8 to 60	8 to 52
Standard hook block	35t									12.2t			
Hook block weight	950kg									440kg			
Standard number of parts of line	2						1						

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
22.0	17.7														
24.0	17.1														
26.0	16.4			14.2			12.6			9.3					
28.0	15.5			13.9			12.5			9.1			6.8		
30.0	14.5			13.7			12.3			9.0			6.7		
32.0	13.7			13.2			12.1			8.8			6.5		
34.0	12.8	14.9		12.6			11.9			8.7			6.4		
36.0	12.0	14.1		12.0	12.6		11.5			8.6			6.3		
38.0	11.3	13.2		11.3	11.6		11.1	10.9		8.4			6.2		
40.0	10.7	12.4		10.7	10.7		10.6	10.1		8.3	8.4		6.1		
42.0	10.1	11.5	8.6	10.1	9.9		10.2	9.3		8.2	8.2		6.0	5.9	
44.0	9.5	10.8	7.9	9.6	9.1		9.7	8.5		8.1	8.1		5.9	5.8	
46.0	9.0	10.0	7.3	9.1	8.4	5.5	9.1	7.9		7.9	7.7		5.7	5.7	
48.0		9.3	6.7		7.8	5.0	8.4	7.3	4.2	7.7	7.1		5.6	5.6	
50.0		8.7	6.2		7.2	4.5		6.7	3.8		6.6	3.4	5.5	5.5	
54.0			5.3		6.2	3.7		5.7	3.0		5.6	2.7		4.8	1.6
58.0						3.0			2.4		4.8	2.1		4.0	
62.0												1.5			
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 48	8 to 66	8 to 58	8 to 24
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 98t, outrigger extension width 6.8m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
26.0	14.0													
28.0	13.3			12.0			10.2			7.8				
30.0	12.7			11.6			10.1			7.6			5.6	
32.0	12.0			11.1			9.8			7.5			5.5	
34.0	11.4			10.5			9.6			7.4			5.4	
36.0	10.7			10.0			9.2			7.3			5.3	
38.0	10.1	11.7		9.5			8.9			7.2			5.2	
40.0	9.5	11.0		9.0	9.6		8.5	9.4		7.1			5.1	
42.0	9.0	10.4		8.5	8.8		8.2	9.0		7.1	7.0		5.1	
44.0	8.5	9.6		8.0	8.1		7.8	8.3		6.9	7.0		5.0	4.9
46.0	8.0	8.9	6.1	7.6	7.4		7.4	7.6		6.7	6.6		4.9	4.8
48.0	7.6	8.2	5.6	7.2	6.8		7.1	7.0		6.5	6.0		4.9	4.8
50.0	7.2	7.6	5.1	6.8	6.3	3.6	6.8	6.5		6.3	5.5		4.8	4.7
54.0		6.5	4.3		5.3	2.8	6.1	5.5	2.7	5.8	4.6	1.6	4.6	4.2
58.0		5.6	3.5		4.5	2.2		4.7	2.1		3.9			3.5
62.0			2.9			1.6		3.9	1.5		3.2			2.8
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 38	8 to 62	8 to 57	8 to 20	8 to 60	8 to 52
Standard hook block	35t			12.2t										
Hook block weight	950kg			440kg										
Standard number of parts of line	2			1										

PS + Luffing Jib

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		30.1					18.5		
26.0		27.2			21.4				
28.0		21.3			19.0				
30.0			19.9		16.5			16.4	
32.0			18.3						
34.0						15.3			
36.0									12.8
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	22.6		17.5			15.6			11.7		
30.0	18.6	20.6		16.0	17.7		15.3			11.6		
32.0	16.9	18.9		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	17.4	14.5	13.1	15.0		12.5	14.2		11.0	11.5	
36.0		16.1	13.4		13.8			13.0		11.0	11.2	
38.0		14.9	12.4		12.6	10.7		12.0			10.9	
40.0		13.4	11.4		11.5	9.8		11.0	8.1		10.7	
42.0			10.6		10.3	9.1		9.9	7.4		9.9	
44.0			9.8			8.4			6.8		9.1	5.6
46.0						7.7			6.2			5.1
48.0									5.7			4.7
50.0												4.3
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.2		17.6			14.7			11.4			7.7		
30.0	16.1	19.5		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	18.0		14.6	16.3		13.8	14.4		11.0			7.7		
34.0	12.9	16.6		13.3	15.0		12.7	14.1		10.7	11.1		7.7		
36.0		15.3	12.9	12.0	13.8		11.4	13.2		10.6	10.8		7.5	7.2	
38.0		14.0	11.9		12.7	10.2		12.0			10.5		7.2	7.2	
40.0		12.8	10.9		11.7	9.4		11.0			10.4			7.0	
42.0		11.4	10.1		10.6	8.6		10.1	6.9		9.6			7.0	
44.0			9.3			7.9		9.1	6.3		8.8	5.3		7.0	
46.0			8.6			7.3			5.7		8.2	4.8		6.6	4.0
48.0						6.7			5.2			4.4			3.6
50.0									4.8			4.0			3.3
54.0															2.6
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	19.1		15.9			13.0			10.2			7.8		
32.0	16.7	17.8		15.6			12.8			10.0			7.7		
34.0	15.7	16.3		15.0	14.8		12.7			9.8			7.5		
36.0	14.8	15.1		14.1	13.6		12.4	12.4		9.7			7.3		
38.0	14.0	13.9		13.0	12.6		11.3	11.4		9.6	9.7		7.2	7.3	
40.0	12.9	12.9	10.1	11.9	11.6		10.3	10.5		9.4	9.5		7.0	7.1	
42.0		12.0	9.3	10.8	10.8	7.5	9.3	9.7		9.2	8.9		6.9	6.9	
44.0		11.2	8.6		10.0	6.9		8.9	5.5		8.2		6.7	6.8	
46.0		10.5	7.9		9.2	6.3		8.2	5.0		7.6			6.6	
48.0		9.8	7.3		8.6	5.8		7.6	4.6		7.0	3.7		6.5	
50.0			6.8			5.3		7.0	4.1		6.4	3.3		6.3	2.9
54.0									3.4			2.6			2.2
58.0												2.0			1.7
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 58	8 to 65	8 to 49	8 to 47
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
22.0	17.1													
24.0	16.8			14.0										
26.0	16.5			13.8			12.0			9.2				
28.0	16.2			13.7			11.8			9.0			6.6	
30.0	16.0			13.5			11.6			8.9			6.5	
32.0	15.7			13.3			11.5			8.7			6.3	
34.0	15.4	15.1		13.2			11.4			8.6			6.2	
36.0	14.8	13.8		13.0	12.1		11.2			8.5			6.1	
38.0	13.7	12.8		12.2	11.1		11.0	10.0		8.3			6.0	
40.0	12.7	11.8		11.3	10.1		10.6	9.1		8.2	8.2		5.9	
42.0	11.8	10.9	7.8	10.5	9.3		9.7	8.3		8.1	8.1		5.8	5.7
44.0	10.9	10.0	7.1	9.6	8.5		8.9	7.6		7.9	7.5		5.7	5.6
46.0	9.9	9.3	6.5	8.8	7.8	4.8	8.2	7.0		7.8	6.8		5.6	5.5
48.0		8.6	6.0		7.2	4.3	7.5	6.4	3.2	7.5	6.3		5.5	5.3
50.0		7.9	5.4		6.6	3.9		5.8	2.8		5.7	2.5	5.3	4.8
54.0			4.5		5.6	3.1		4.9	2.1		4.8	1.8		3.9
58.0						2.4			1.5		4.0			3.2
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 28	8 to 66	8 to 58
Standard hook block	35t						12.2t							
Hook block weight	950kg						440kg							
Standard number of parts of line	2						1							

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
24.0	15.5												
26.0	15.3												
28.0	15.1			12.9			10.5			7.8			
30.0	14.9			12.7			10.3			7.7		5.4	
32.0	14.8			12.6			10.2			7.5		5.4	
34.0	14.6			12.4			10.1			7.4		5.3	
36.0	14.5	12.9		12.3			10.0			7.3		5.2	
38.0	14.4	11.8		12.0			9.9			7.2		5.1	
40.0	14.1	10.8		11.7	8.9		9.7	8.9		7.1		5.0	
42.0	13.1	9.9		10.9	8.1		9.6	8.1		7.0	7.0	4.9	
44.0	12.2	9.1		10.1	7.4		9.4	7.4		7.0	6.3	4.9	4.8
46.0	11.4	8.4	5.6	9.4	6.7		8.7	6.8		6.9	5.7	4.8	4.7
48.0	10.6	7.7	5.0	8.7	6.2		8.1	6.2		6.8	5.2	4.7	4.6
50.0	9.8	7.1	4.6	8.1	5.6	2.8	7.4	5.6		6.7	4.7	4.7	4.3
54.0		6.0	3.7		4.7	2.1	6.2	4.7	1.9	6.3	3.8	4.5	3.5
58.0		5.1	2.9		3.8	1.5		3.9			3.1		2.7
62.0			2.3					3.1			2.4		2.1
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 34	8 to 64	8 to 62	8 to 23	8 to 62	8 to 57	8 to 60	8 to 52
Standard hook block	35t									12.2t			
Hook block weight	950kg									440kg			
Standard number of parts of line	2						1						

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
22.0	17.7													
24.0	17.1													
26.0	16.4			14.2			12.6			9.3				
28.0	15.5			13.9			12.5			9.1			6.8	
30.0	14.5			13.7			12.3			9.0			6.7	
32.0	13.7			13.2			12.1			8.8			6.5	
34.0	12.8	14.9		12.6			11.9			8.7			6.4	
36.0	12.0	14.1		12.0	12.5		11.5			8.6			6.3	
38.0	11.3	13.2		11.3	11.5		11.1	10.8		8.4			6.2	
40.0	10.7	12.3		10.7	10.5		10.6	9.9		8.3	8.4		6.1	
42.0	10.1	11.4	8.5	10.1	9.7		10.2	9.1		8.2	8.2		6.0	5.9
44.0	9.5	10.6	7.8	9.6	9.0		9.7	8.4		8.1	8.1		5.9	5.8
46.0	9.0	9.9	7.2	9.1	8.3	5.3	9.1	7.7		7.9	7.6		5.7	5.7
48.0		9.2	6.6		7.7	4.8	8.4	7.1	4.0	7.7	7.0		5.6	5.6
50.0		8.5	6.1		7.1	4.4		6.6	3.6		6.4	3.2	5.5	5.5
54.0			5.1		6.1	3.6		5.6	2.9		5.5	2.5		4.6
58.0						2.9			2.3		4.7	1.9		3.9
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 36	8 to 66	8 to 58
Standard hook block	35t									12.2t				
Hook block weight	950kg									440kg				
Standard number of parts of line	2									1				

Counterweight 78t, outrigger extension width 8.5m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
26.0	14.0													
28.0	13.3			12.0			10.2			7.8				
30.0	12.7			11.6			10.1			7.6			5.6	
32.0	12.0			11.1			9.8			7.5			5.5	
34.0	11.4			10.5			9.6			7.4			5.4	
36.0	10.7			10.0			9.2			7.3			5.3	
38.0	10.1	11.7		9.5			8.9			7.2			5.2	
40.0	9.5	11.0		9.0	9.4		8.5	9.4		7.1			5.1	
42.0	9.0	10.2		8.5	8.7		8.2	8.8		7.1	7.0		5.1	
44.0	8.5	9.5		8.0	7.9		7.8	8.1		6.9	7.0		5.0	4.9
46.0	8.0	8.7	6.0	7.6	7.3		7.4	7.5		6.7	6.4		4.9	4.8
48.0	7.6	8.1	5.5	7.2	6.7		7.1	6.9		6.5	5.9		4.9	4.8
50.0	7.2	7.5	5.0	6.8	6.2	3.4	6.8	6.3		6.3	5.4		4.8	4.7
54.0		6.4	4.1		5.2	2.7	6.1	5.4	2.6	5.8	4.5	1.5	4.6	4.1
58.0		5.5	3.4		4.4	2.1		4.5	1.9		3.7			3.3
62.0			2.8			1.5		3.8			3.1			2.7
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 43	8 to 64	8 to 62	8 to 30	8 to 62	8 to 57	8 to 20	8 to 60	8 to 52
Standard hook block	35t			12.2t										
Hook block weight	950kg			440kg										
Standard number of parts of line	2			1										

PS + Luffing Jib

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		29.6					18.5		
26.0		26.6			21.4				
28.0		21.3			19.0				
30.0			18.9		16.5			16.4	
32.0			17.3						
34.0						14.4			
36.0									11.8
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.9			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	21.6		17.5			15.6			11.7		
30.0	18.6	19.6		16.0	17.7		15.3			11.6		
32.0	16.9	18.0		14.5	16.2		13.9	15.1		11.3		
34.0	15.2	16.5	13.6	13.1	15.0		12.5	13.9		11.0	11.5	
36.0		15.2	12.5		13.8			12.8		11.0	11.2	
38.0		14.1	11.5		12.6	9.8		11.8			10.7	
40.0		13.1	10.6		11.5	9.0		10.9	7.2		9.8	
42.0			9.7		10.3	8.2		9.9	6.6		9.1	
44.0			9.0			7.6			6.0		8.3	4.8
46.0						7.0			5.5			4.4
48.0									5.0			3.9
50.0												3.5
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	27.8														
20.0	24.4			19.8											
22.0	22.8			19.3			15.6								
24.0	21.2			18.9			15.2			11.5			7.9		
26.0	19.4			18.4			15.0			11.4			7.7		
28.0	17.7	21.1		17.6			14.7			11.4			7.7		
30.0	16.1	19.2		16.1	17.5		14.4			11.1			7.7		
32.0	14.6	17.5		14.6	16.2		13.8	14.4		11.0			7.7		
34.0	12.9	16.1		13.3	14.9		12.7	13.4		10.7	11.1		7.7		
36.0		14.8	12.0	12.0	13.7		11.4	12.3		10.6	10.8		7.5	7.2	
38.0		13.7	11.0		12.7	9.3		11.3			10.4		7.2	7.2	
40.0		12.7	10.1		11.7	8.5		10.3			9.5			7.0	
42.0		11.4	9.3		10.6	7.8		9.5	6.0		8.8			7.0	
44.0			8.5			7.1		8.8	5.5		8.1	4.5		7.0	
46.0			7.9			6.5			5.0		7.4	4.1		6.6	3.3
48.0						6.0			4.5			3.6			2.9
50.0									4.1			3.3			2.5
54.0															1.9
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 45	8 to 63	8 to 55	8 to 58
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	3			2						1					

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
20.0	20.8														
22.0	20.4			17.2											
24.0	20.0			16.8			13.4								
26.0	19.6			16.5			13.2			10.3			8.2		
28.0	18.7			16.2			13.1			10.3			8.0		
30.0	17.7	18.4		15.9			13.0			10.2			7.8		
32.0	16.7	16.8		15.6			12.8			10.0			7.7		
34.0	15.7	15.5		15.0	13.9		12.7			9.8			7.5		
36.0	14.8	14.2		14.1	12.8		12.4	11.5		9.7			7.3		
38.0	14.0	13.1		13.0	11.8		11.3	10.5		9.6	9.6		7.2	7.3	
40.0	12.9	12.2	9.3	11.9	10.8		10.3	9.7		9.4	8.8		7.0	7.1	
42.0		11.3	8.5	10.8	10.0	6.7	9.3	8.9		9.2	8.1		6.9	6.9	
44.0		10.5	7.8		9.2	6.1		8.2	4.7		7.4		6.7	6.8	
46.0		9.8	7.2		8.5	5.6		7.5	4.3		6.8			6.6	
48.0		9.1	6.6		7.9	5.1		6.9	3.8		6.2	2.9		6.1	
50.0			6.1			4.6		6.4	3.4		5.7	2.6		5.6	2.2
54.0									2.7			1.9			1.6
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 46	8 to 59	8 to 54	8 to 40	8 to 65	8 to 49	8 to 34
Standard hook block	35t									12.2t					
Hook block weight	950kg									440kg					
Standard number of parts of line	2									1					

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
22.0	17.1													
24.0	16.8			14.0										
26.0	16.5			13.8			12.0			9.2				
28.0	16.2			13.7			11.8			9.0			6.6	
30.0	16.0			13.5			11.6			8.9			6.5	
32.0	15.7			13.3			11.5			8.7			6.3	
34.0	15.4	14.2		13.2			11.4			8.6			6.2	
36.0	14.8	13.0		13.0	11.2		11.2			8.5			6.1	
38.0	13.7	12.0		12.2	10.2		11.0	9.1		8.3			6.0	
40.0	12.7	11.0		11.3	9.3		10.6	8.3		8.2	8.1		5.9	
42.0	11.8	10.1	7.0	10.5	8.5		9.7	7.5		8.1	7.4		5.8	5.7
44.0	10.9	9.3	6.4	9.6	7.8		8.9	6.8		7.9	6.7		5.7	5.6
46.0	9.9	8.5	5.8	8.8	7.1	4.1	8.2	6.2		7.8	6.1		5.6	5.0
48.0		7.9	5.2		6.5	3.6	7.5	5.7	2.5	7.5	5.6		5.5	4.5
50.0		7.3	4.8		6.0	3.2		5.1	2.1		5.1	1.8	5.3	4.1
54.0			3.9		5.0	2.4		4.2	1.5		4.2			3.3
58.0						1.8					3.4			2.6
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 32	8 to 61	8 to 66	8 to 21	8 to 66	8 to 58
Standard hook block	35t						12.2t							
Hook block weight	950kg						440kg							
Standard number of parts of line	2						1							

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
22.0	17.7													
24.0	17.1													
26.0	16.4			14.2			12.6			9.3				
28.0	15.5			13.9			12.5			9.1			6.8	
30.0	14.5			13.7			12.3			9.0			6.7	
32.0	13.7			13.2			12.1			8.8			6.5	
34.0	12.8	14.6		12.6			11.9			8.7			6.4	
36.0	12.0	13.5		12.0	11.6		11.5			8.6			6.3	
38.0	11.3	12.4		11.3	10.6		11.1	9.9		8.4			6.2	
40.0	10.7	11.5		10.7	9.7		10.6	9.1		8.3	8.4		6.1	
42.0	10.1	10.7	7.7	10.1	8.9		10.2	8.3		8.2	8.1		6.0	5.9
44.0	9.5	9.9	7.0	9.6	8.2		9.7	7.6		8.1	7.4		5.9	5.8
46.0	9.0	9.1	6.4	9.1	7.6	4.5	9.1	7.0		7.9	6.8		5.7	5.7
48.0		8.5	5.9		7.0	4.1	8.4	6.4	3.3	7.7	6.3		5.6	5.3
50.0		7.9	5.4		6.4	3.7		5.9	2.9		5.8	2.5	5.5	4.8
54.0			4.5		5.4	3.0		5.0	2.2		4.8	1.9		4.0
58.0						2.3			1.7		4.1			3.3
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 47	8 to 63	8 to 53	8 to 41	8 to 61	8 to 66	8 to 28	8 to 66	8 to 58
Standard hook block	35t						12.2t							
Hook block weight	950kg						440kg							
Standard number of parts of line	2						1							

Counterweight 78t, outrigger extension width 8.0m
PS + boom + 2.5m + 52.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
26.0	14.0												
28.0	13.3			12.0			10.2			7.8			
30.0	12.7			11.6			10.1			7.6		5.6	
32.0	12.0			11.1			9.8			7.5		5.5	
34.0	11.4			10.5			9.6			7.4		5.4	
36.0	10.7			10.0			9.2			7.3		5.3	
38.0	10.1	11.2		9.5			8.9			7.2		5.2	
40.0	9.5	10.3		9.0	8.6		8.5	8.8		7.1		5.1	
42.0	9.0	9.5		8.5	7.9		8.2	8.0		7.1	6.9	5.1	
44.0	8.5	8.7		8.0	7.2		7.8	7.4		6.9	6.2	5.0	4.9
46.0	8.0	8.0	5.2	7.6	6.6		7.4	6.7		6.7	5.7	4.9	4.8
48.0	7.6	7.4	4.7	7.2	6.0		7.1	6.2		6.5	5.2	4.9	4.7
50.0	7.2	6.8	4.3	6.8	5.5	2.7	6.8	5.7		6.3	4.7	4.8	4.2
54.0		5.8	3.5		4.6	2.0	6.1	4.7	1.9	5.8	3.9	4.6	3.4
58.0		4.9	2.8		3.8	1.5		4.0			3.1		2.8
62.0			2.2					3.3			2.5		2.2
θ (°)	8 to 56	8 to 56	8 to 48	8 to 55	8 to 52	8 to 34	8 to 64	8 to 62	8 to 23	8 to 62	8 to 57	8 to 60	8 to 52
Standard hook block	35t			12.2t									
Hook block weight	950kg			440kg									
Standard number of parts of line	2			1									

PS + Luffing Jib

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		24.9					18.5		
26.0		22.4			20.6				
28.0		20.3			18.7				
30.0			15.5		16.5			15.8	
32.0			14.2						
34.0						11.4			
36.0									8.8
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.7			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	17.8		17.5			15.6			11.7		
30.0	18.6	16.2		16.0	14.8		15.3			11.6		
32.0	16.9	14.8		14.5	13.5		13.9	11.8		11.3		
34.0	15.2	13.6	10.4	13.1	12.4		12.5	10.7		11.0	9.5	
36.0		12.5	9.4		11.4			9.8		11.0	8.6	
38.0		11.5	8.6		10.4	6.9		8.9			7.9	
40.0		10.7	7.9		9.6	6.3		8.2	4.6		7.2	
42.0			7.2		8.8	5.7		7.5	4.1		6.5	
44.0			6.6			5.2			3.6		6.0	2.5
46.0						4.7			3.2			2.1
48.0									2.9			1.8
50.0												1.5
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 54
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
18.0	27.8													
20.0	24.4			19.8										
22.0	22.8			19.3			15.6							
24.0	21.2			18.9			15.2			11.5			7.9	
26.0	19.4			18.4			15.0			11.4			7.7	
28.0	17.7	17.3		17.6			14.7			11.4			7.7	
30.0	16.1	15.7		16.1	14.4		14.4			11.1			7.7	
32.0	14.6	14.4		14.6	13.1		13.8	11.2		11.0			7.7	
34.0	12.9	13.2		13.3	11.9		12.7	10.1		10.7	9.2		7.7	
36.0		12.1	8.9	12.0	10.9		11.4	9.2		10.6	8.3		7.5	7.2
38.0		11.2	8.1		10.0	6.5		8.4			7.6		7.2	6.8
40.0		10.3	7.4		9.1	5.8		7.6			6.9			6.2
42.0		9.5	6.7		8.4	5.3		7.0	3.5		6.2			5.6
44.0			6.1			4.7		6.4	3.1		5.7	2.2		5.1
46.0			5.6			4.3			2.7		5.2	1.8		4.6
48.0						3.8			2.4			1.5		
50.0									2.0					
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 37	8 to 63	8 to 55
Standard hook block	35t									12.2t				
Hook block weight	950kg									440kg				
Standard number of parts of line	3			2						1				

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
20.0	20.8												
22.0	20.4			17.2									
24.0	20.0			16.8			13.4						
26.0	19.6			16.5			13.2			10.3		8.2	
28.0	18.7			16.2			13.1			10.3		8.0	
30.0	17.7	15.0		15.9			13.0			10.2		7.8	
32.0	16.7	13.7		15.6			12.8			10.0		7.7	
34.0	15.7	12.5		14.9	10.7		12.7			9.8		7.5	
36.0	14.6	11.5		13.7	9.7		12.4	8.4		9.7		7.3	
38.0	13.5	10.5		12.6	8.9		11.3	7.7		9.6	6.8	7.2	6.6
40.0	12.6	9.7	6.6	11.7	8.1		10.3	7.0		9.4	6.1	7.0	5.9
42.0		8.9	6.0	10.8	7.4	4.2	9.3	6.3		9.2	5.5	6.9	5.4
44.0		8.2	5.4		6.8	3.7		5.7	2.4		5.0	6.7	4.8
46.0		7.5	4.9		6.2	3.3		5.2	2.0		4.5		4.4
48.0		6.9	4.4		5.7	2.9		4.7	1.7		4.1		3.9
50.0			4.0			2.5		4.3			3.7		3.5
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 29	8 to 59	8 to 54	8 to 65	8 to 49
Standard hook block	35t									12.2t			
Hook block weight	950kg									440kg			
Standard number of parts of line	2									1			

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.5m + 46.0m (heavy) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
22.0	17.1											
24.0	16.8			14.0								
26.0	16.5			13.8			12.0		9.2			
28.0	16.2			13.7			11.8		9.0		6.6	
30.0	16.0			13.5			11.6		8.9		6.5	
32.0	15.7			13.3			11.5		8.7		6.3	
34.0	14.8	11.0		13.2			11.4		8.6		6.2	
36.0	13.6	10.0		12.5	8.1		11.2		8.5		6.1	
38.0	12.5	9.0		11.5	7.3		11.0	6.2	8.3		6.0	
40.0	11.6	8.2		10.6	6.6		10.1	5.6	8.2	5.4	5.9	
42.0	10.7	7.5	4.5	9.8	5.9		9.3	5.0	8.1	4.8	5.8	3.7
44.0	10.0	6.8	4.0	9.1	5.3		8.5	4.4	7.9	4.3	5.7	3.2
46.0	9.3	6.2	3.5	8.3	4.8	1.8	7.8	3.9	7.8	3.8	5.6	2.8
48.0		5.7	3.1		4.3	1.5	7.2	3.5	7.4	3.4	5.5	2.4
50.0		5.1	2.7		3.9			3.1		3.0	5.3	2.0
54.0			2.0		3.1			2.3		2.2		
58.0										1.6		
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 24	8 to 63	8 to 53	8 to 61	8 to 66	8 to 66	8 to 36
Standard hook block	35t						12.2t					
Hook block weight	950kg						440kg					
Standard number of parts of line	2						1					

Counterweight 78t, outrigger extension width 6.8m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
22.0	17.7											
24.0	17.1											
26.0	16.4			14.2			12.6		9.3			
28.0	15.5			13.9			12.5		9.1		6.8	
30.0	14.5			13.7			12.3		9.0		6.7	
32.0	13.7			13.2			12.1		8.8		6.5	
34.0	12.8	11.6		12.6			11.9		8.7		6.4	
36.0	12.0	10.6		12.0	8.5		11.5		8.6		6.3	
38.0	11.3	9.7		11.3	7.7		11.1	7.0	8.4		6.2	
40.0	10.7	8.8		10.7	7.0		10.6	6.4	8.3	6.1	6.1	
42.0	10.1	8.1	5.1	10.1	6.4		10.0	5.8	8.2	5.6	6.0	4.4
44.0	9.5	7.4	4.6	9.4	5.8		9.3	5.2	8.1	5.0	5.9	3.9
46.0	9.0	6.8	4.1	8.8	5.3	2.3	8.6	4.7	7.9	4.5	5.7	3.5
48.0		6.3	3.7		4.8	1.9	7.9	4.3	7.7	4.1	5.6	3.1
50.0		5.8	3.3		4.3	1.6		3.8		3.7	5.5	2.7
54.0			2.6		3.5			3.1		2.9		2.1
58.0										2.3		1.5
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 27	8 to 63	8 to 53	8 to 61	8 to 66	8 to 66	8 to 58
Standard hook block	35t						12.2t					
Hook block weight	950kg						440kg					
Standard number of parts of line	2						1					

PS + Luffing Jib

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		24.5					18.5		
26.0		22.0			20.2				
28.0		19.9			18.3				
30.0			15.1		16.5			15.4	
32.0			13.8						
34.0						11.0			
36.0									8.4
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°
18.0	30.8											
20.0	30.3			20.8								
22.0	29.4			20.3			16.5			12.5		
24.0	26.3			19.9			16.1			12.1		
26.0	22.4			19.0			15.8			11.9		
28.0	20.4	17.4		17.5			15.6			11.7		
30.0	18.6	15.8		16.0	14.4		15.3			11.6		
32.0	16.9	14.4		14.5	13.1		13.9	11.4		11.3		
34.0	15.2	13.2	10.0	13.1	12.0		12.5	10.3		11.0	9.1	
36.0		12.2	9.1		11.0			9.4		11.0	8.2	
38.0		11.2	8.2		10.1	6.5		8.5			7.4	
40.0		10.3	7.5		9.2	5.9		7.8	4.1		6.8	
42.0			6.8		8.5	5.3		7.1	3.6		6.1	
44.0			6.2			4.8			3.2		5.6	2.0
46.0						4.3			2.8			1.7
48.0									2.5			
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62	8 to 35
Standard hook block	35t											
Hook block weight	950kg											
Standard number of parts of line	3			2								

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m			55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
18.0	27.8													
20.0	24.4			19.8										
22.0	22.8			19.3			15.6							
24.0	21.2			18.9			15.2			11.5			7.9	
26.0	19.4			18.4			15.0			11.4			7.7	
28.0	17.7	16.9		17.6			14.7			11.4			7.7	
30.0	16.1	15.4		16.1	14.0		14.4			11.1			7.7	
32.0	14.6	14.0		14.6	12.7		13.8	10.8		11.0			7.7	
34.0	12.9	12.8		13.3	11.6		12.7	9.7		10.7	8.8		7.7	
36.0		11.7	8.5	12.0	10.5		11.4	8.8		10.6	7.9		7.5	7.1
38.0		10.8	7.7		9.6	6.0		8.0			7.2		7.2	6.4
40.0		10.0	7.0		8.8	5.4		7.3			6.5			5.8
42.0		9.2	6.4		8.0	4.9		6.6	3.1		5.9			5.2
44.0			5.8			4.4		6.0	2.7		5.3	1.7		4.7
46.0			5.2			3.9			2.3		4.8			4.2
48.0						3.5			2.0					
50.0									1.6					
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 56	8 to 57	8 to 64	8 to 26	8 to 63	8 to 55
Standard hook block	35t									12.2t				
Hook block weight	950kg									440kg				
Standard number of parts of line	3			2						1				

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
20.0	20.8												
22.0	20.4			17.2									
24.0	20.0			16.8			13.4						
26.0	19.6			16.5			13.2			10.3		8.2	
28.0	18.7			16.2			13.1			10.3		8.0	
30.0	17.7	14.6		15.9			13.0			10.2		7.8	
32.0	16.7	13.3		15.6			12.8			10.0		7.7	
34.0	15.5	12.2		14.5	10.3		12.7			9.8		7.5	
36.0	14.3	11.1		13.4	9.4		12.4	8.1		9.7		7.3	
38.0	13.2	10.2		12.3	8.5		11.3	7.3		9.6	6.4	7.2	6.2
40.0	12.3	9.4	6.2	11.4	7.8		10.3	6.6		9.4	5.7	7.0	5.5
42.0		8.6	5.6	10.6	7.1	3.8	9.3	5.9		9.2	5.2	6.9	5.0
44.0		7.9	5.1		6.4	3.3		5.4	2.0		4.6	6.7	4.4
46.0		7.2	4.6		5.9	2.9		4.9	1.6		4.2		4.0
48.0		6.6	4.1		5.3	2.5		4.4			3.7		3.6
50.0			3.7			2.2		3.9			3.3		3.2
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 39	8 to 61	8 to 60	8 to 24	8 to 59	8 to 54	8 to 65	8 to 49
Standard hook block	35t									12.2t			
Hook block weight	950kg									440kg			
Standard number of parts of line	2									1			

Counterweight 58t, outrigger extension width 8.5m
PS + boom + 2.5m + 46.0m (light) LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
22.0	17.7											
24.0	17.1											
26.0	16.4			14.2			12.6		9.3			
28.0	15.5			13.9			12.5		9.1		6.8	
30.0	14.5			13.7			12.3		9.0		6.7	
32.0	13.7			13.2			12.1		8.8		6.5	
34.0	12.8	11.2		12.6			11.9		8.7		6.4	
36.0	12.0	10.2		12.0	8.1		11.5		8.6		6.3	
38.0	11.3	9.3		11.3	7.4		11.1	6.7	8.4		6.2	
40.0	10.7	8.5		10.6	6.6		10.4	6.0	8.3	5.8	6.1	
42.0	10.1	7.8	4.7	9.8	6.0		9.7	5.4	8.2	5.2	6.0	4.0
44.0	9.5	7.1	4.2	9.1	5.4		9.0	4.8	8.1	4.7	5.9	3.5
46.0	9.0	6.5	3.8	8.5	4.9	1.9	8.3	4.4	7.9	4.2	5.7	3.1
48.0		6.0	3.4		4.4	1.6	7.6	3.9	7.7	3.7	5.6	2.7
50.0		5.4	3.0		4.0			3.5		3.3	5.5	2.4
54.0			2.3		3.2			2.8		2.6		1.7
58.0										2.0		
θ (°)	8 to 60	8 to 49	8 to 41	8 to 58	8 to 58	8 to 24	8 to 63	8 to 53	8 to 61	8 to 66	8 to 66	8 to 45
Standard hook block	35t								12.2t			
Hook block weight	950kg								440kg			
Standard number of parts of line	2								1			

PS + Luffing Jib

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		23.0					18.5		
26.0		20.6			18.8				
28.0		18.6			17.0				
30.0			13.8		15.4			14.1	
32.0			12.6						
34.0						9.8			
36.0									7.2
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
18.0	30.8										
20.0	30.3			20.8							
22.0	28.1			20.3			16.5			12.5	
24.0	24.9			19.9			16.1			12.1	
26.0	22.3			19.0			15.8			11.9	
28.0	20.1	16.1		17.5			15.6			11.7	
30.0	18.3	14.6		16.0	13.2		15.3			11.6	
32.0	16.7	13.3		14.5	12.0		13.9	10.1		11.3	
34.0	15.2	12.1	8.8	13.1	10.9		12.5	9.1		11.0	7.9
36.0		11.1	7.9		9.9			8.3		11.0	7.1
38.0		10.2	7.2		9.0	5.5		7.5			6.4
40.0		9.4	6.5		8.2	4.9		6.8	3.1		5.8
42.0			5.9		7.5	4.4		6.2	2.7		5.2
44.0			5.3			3.9			2.3		4.7
46.0						3.5			2.0		
48.0									1.7		
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 53	8 to 65	8 to 62
Standard hook block	35t										
Hook block weight	950kg										
Standard number of parts of line	3			2							

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
18.0	27.8												
20.0	24.4			19.8									
22.0	22.8			19.3			15.6						
24.0	21.2			18.9			15.2			11.5		7.9	
26.0	19.4			18.4			15.0			11.4		7.7	
28.0	17.7	15.6		17.6			14.7			11.4		7.7	
30.0	16.1	14.1		16.1	12.7		14.4			11.1		7.7	
32.0	14.6	12.8		14.6	11.5		13.8	9.5		11.0		7.7	
34.0	12.9	11.7		13.3	10.4		12.7	8.5		10.7	7.6	7.7	
36.0		10.7	7.4	12.0	9.4		11.4	7.7		10.6	6.8	7.5	6.0
38.0		9.9	6.7		8.6	5.0		6.9			6.1	7.2	5.4
40.0		9.0	6.0		7.8	4.4		6.3			5.5		4.8
42.0		8.3	5.4		7.1	3.9		5.7	2.2		4.9		4.3
44.0			4.9			3.5		5.1	1.8		4.4		3.8
46.0			4.4			3.0			1.5		3.9		3.4
48.0						2.7							
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 37	8 to 57	8 to 64	8 to 63	8 to 55
Standard hook block	35t									12.2t			
Hook block weight	950kg									440kg			
Standard number of parts of line	3			2						1			

Counterweight 58t, outrigger extension width 8.0m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
20.0	20.8											
22.0	20.4			17.2								
24.0	20.0			16.8			13.4					
26.0	19.6			16.5			13.2		10.3		8.2	
28.0	18.7			16.2			13.1		10.3		8.0	
30.0	17.3	13.4		15.9			13.0		10.2		7.8	
32.0	15.7	12.1		14.7			12.8		10.0		7.7	
34.0	14.4	11.1		13.5	9.1		12.7		9.8		7.5	
36.0	13.2	10.0		12.4	8.2		11.7	6.9	9.7		7.3	
38.0	12.2	9.1		11.4	7.5		10.8	6.2	9.6	5.3	7.2	5.1
40.0	11.4	8.3	5.2	10.5	6.7		9.9	5.6	9.4	4.7	7.0	4.5
42.0		7.6	4.7	9.7	6.1	2.8	9.2	5.0	8.8	4.2	6.9	4.0
44.0		7.0	4.2		5.5	2.4		4.5		3.7	6.7	3.6
46.0		6.4	3.7		5.0	2.1		4.0		3.3		3.1
48.0		5.8	3.3		4.5	1.7		3.6		2.9		2.8
50.0			2.9					3.2		2.5		2.4
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 34	8 to 61	8 to 60	8 to 59	8 to 54	8 to 65	8 to 49
Standard hook block	35t								12.2t			
Hook block weight	950kg								440kg			
Standard number of parts of line	2								1			

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.5			31.1					
20.0	31.7			27.6			26.7		
22.0	28.0			22.0			21.5		
24.0		21.0					18.5		
26.0		18.8			17.0				
28.0		16.9			15.3				
30.0			12.2		13.8			12.5	
32.0			11.1						
34.0						8.2			
36.0									5.8
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m			50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°	83°	75°
18.0	30.8										
20.0	29.5			20.8							
22.0	25.9			20.3			16.5			12.5	
24.0	22.9			19.9			16.1			12.1	
26.0	20.5			19.0			15.8			11.9	
28.0	18.4	14.4		17.5			15.6			11.7	
30.0	16.7	13.0		15.9	11.5		14.8			11.6	
32.0	15.2	11.8		14.5	10.4		13.5	8.4		11.3	
34.0	13.9	10.8	7.2	13.1	9.3		12.3	7.6		11.0	6.3
36.0		9.8	6.5		8.4			6.8		10.7	5.6
38.0		9.0	5.8		7.7	4.1		6.1			5.0
40.0		8.2	5.2		6.9	3.6		5.5	1.8		4.5
42.0			4.7		6.3	3.1		4.9	1.5		4.0
44.0			4.2			2.7					3.5
46.0						2.3					
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 29	8 to 65	8 to 62
Standard hook block	35t										
Hook block weight	950kg										
Standard number of parts of line	3			2							

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.5m + 34.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
18.0	27.8											
20.0	24.4			19.8								
22.0	22.8			19.3			15.6					
24.0	21.2			18.9			15.2		11.5		7.9	
26.0	19.4			18.4			15.0		11.4		7.7	
28.0	17.7	13.9		17.2			14.7		11.4		7.7	
30.0	16.1	12.6		15.6	11.0		14.3		11.1		7.7	
32.0	14.6	11.4		14.1	9.8		13.0	7.8	11.0		7.7	
34.0	12.9	10.3		12.9	8.8		11.9	7.0	10.7	6.0	7.7	
36.0		9.4	5.9	11.9	8.0		10.9	6.2	10.5	5.3	7.5	4.5
38.0		8.5	5.3		7.2	3.6		5.6		4.7	7.2	4.0
40.0		7.7	4.7		6.5	3.1		5.0		4.2		3.5
42.0		7.0	4.2		5.9	2.7		4.4		3.7		3.0
44.0			3.7			2.3		3.9		3.2		2.6
46.0			3.2			1.9				2.8		2.2
48.0						1.6						
θ (°)	8 to 56	8 to 64	8 to 54	8 to 62	8 to 55	8 to 55	8 to 59	8 to 59	8 to 57	8 to 64	8 to 63	8 to 55
Standard hook block	35t								12.2t			
Hook block weight	950kg								440kg			
Standard number of parts of line	3			2					1			

Counterweight 47t, outrigger extension width 8.5m
PS + boom + 2.5m + 40.0m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m		55.6m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°	83°	75°
20.0	20.8											
22.0	20.4			17.2								
24.0	20.0			16.8			13.4					
26.0	19.4			16.5			13.2		10.3		8.2	
28.0	17.4			16.2			13.1		10.3		8.0	
30.0	15.7	11.8		14.6			13.0		10.2		7.8	
32.0	14.3	10.6		13.3			12.5		10.0		7.7	
34.0	13.0	9.5		12.1	7.6		11.4		9.8		7.5	
36.0	12.0	8.6		11.1	6.8		10.4	5.5	9.7		7.3	
38.0	11.0	7.8		10.2	6.1		9.5	4.8	9.1	3.9	7.2	3.7
40.0	10.3	7.1	3.9	9.3	5.4		8.8	4.3	8.3	3.4	7.0	3.2
42.0		6.4	3.4	8.6	4.9	1.6	8.0	3.8	7.5	3.0	6.9	2.8
44.0		5.8	3.0		4.4			3.3		2.6	6.7	2.4
46.0		5.2	2.6		3.9			2.9		2.2		2.0
48.0		4.7	2.2		3.4			2.5		1.8		1.7
50.0			1.9					2.1		1.5		
θ (°)	8 to 59	8 to 65	8 to 45	8 to 64	8 to 57	8 to 20	8 to 61	8 to 60	8 to 59	8 to 54	8 to 65	8 to 43
Standard hook block	35t								12.2t			
Hook block weight	950kg								440kg			
Standard number of parts of line	2								1			

PS + Luffing Jib

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 2.5m + 20.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	68°
16.0	39.8								
18.0	35.0			31.1					
20.0	30.3			27.6			26.7		
22.0	26.6			22.0			21.5		
24.0		19.4					18.5		
26.0		17.4			15.6				
28.0		15.6			14.0				
30.0			11.1		12.7			11.4	
32.0			10.0						
34.0						7.1			
36.0									4.8
θ (°)	18 to 58	18 to 57	18 to 47	18 to 54	18 to 67	18 to 48	18 to 64	18 to 52	18 to 49
Standard hook block	80t			35t					
Hook block weight	1550kg			950kg					
Standard number of parts of line	4			3					

Counterweight 47t, outrigger extension width 8.0m
PS + boom + 2.5m + 32.3m LJ

Unit: t

Boom length	35.3m			40.4m			45.4m		50.5m	
Boom elevating angle / Load radius (m)	83°	75°	68°	83°	75°	68°	83°	75°	83°	75°
18.0	30.8									
20.0	27.6			20.8						
22.0	24.1			20.3			16.5		12.5	
24.0	21.3			19.9			16.1		12.1	
26.0	19.0			18.1			15.8		11.9	
28.0	17.1	13.1		16.3			15.1		11.7	
30.0	15.5	11.8		14.7	10.2		13.6		11.6	
32.0	14.1	10.7		13.4	9.1		12.4	7.2	11.3	
34.0	12.9	9.7	6.1	12.3	8.2		11.3	6.5	10.6	5.2
36.0		8.8	5.4		7.4			5.8	9.7	4.6
38.0		8.0	4.8		6.7	3.1		5.1		4.0
40.0		7.3	4.3		6.0	2.7		4.6		3.5
42.0			3.8		5.4	2.3		4.1		3.1
44.0			3.3			1.9				2.7
46.0						1.6				
θ (°)	8 to 64	8 to 61	8 to 52	8 to 60	8 to 69	8 to 53	8 to 58	8 to 57	8 to 65	8 to 62
Standard hook block	35t									
Hook block weight	950kg									
Standard number of parts of line	3			2						