

WRECKER

OC-160M

JAPANESE SPECIFICATIONS

MODEL	SPEC. NO.
OC-160M	OC-160M-1-00001

OC

OC-160M

CRANE SPECIFICATIONS

CRANE CAPACITY

5.4m	Boom	16,000kg	at 3.5m	(6 part-line)
9.6m	Boom	11,000kg	at 4.0m	(6 part-line)
13.6m	Boom	8,000kg	at 4.5m	(6 part-line)

MAX. LIFTING HEIGHT

Boom 11.0m

MAX. WORKING RADIUS

Boom 10.0m

BOOM LENGTH

5.4m - 11.3m

BOOM EXTENSION

5.9m

BOOM EXTENSION SPEED

5.9m / 50s

MAIN WINCH SINGLE LINE SPEED

High range:	43m/min	(3rd layer)
Low range:	15m/min	(3rd layer)

MAIN WINCH HOOK SPEED

High range:	7m/min	(6 part-line)
Low range:	2.5m/min	(6 part-line)

BOOM ELEVATION ANGLE

-2° - 65°

BOOM ELEVATION SPEED

-2° - 65° / 50s

SWING ANGLE

360° continue

SWING SPEED

1.3rpm

WIRE ROPE

16mm × 100m(Diameter×Length)
 7×7+6×Fi (29) Class B ordinary · Z twist
 Spin-resistant wire rope
 Breaking strength 17.6t

BOOM

3-section fully hydraulically sequentially telescoping boom of box construction

BOOM EXTENSION

2 double-acting hydraulic cylinders

HOIST

Driven by hydraulic motor and via spur gear speed reducer.
 Automatic brake
 1 single winch

BOOM ELEVATION

1 double-acting hydraulic cylinders

SWING

Hydraulic motor driven planetary gear reducer
 Swing bearing
 Hand brake
 Swing lock type

OUTRIGGERS

Fully hydraulic, front H type, rear X type (floats mounted integrally)
 Slides and jacks each provided with independent operation device.
 Full extended width 5.3m

HYDRAULIC PUMPS

3 gear pumps

HYDRAULIC OIL TANK CAPACITY

215 liters

SAFETY DEVICES

Automatic moment limiter (AML-K)
 Over-winding cutout
 Level gauge
 Over front area control device
 Hook safety latch
 Hydraulic safety valve
 Telescopic counterbalance valve
 Elevation counterbalance valve
 Jack pilot check valve

EQUIPMENTS

Crane cab heater

Boom angle indicator

OPTIONAL EQUIPMENTS

Rear winch

Winding capacity: 3t

Wire rope: ø14×38m

Remote control switch

Drum lock

Foot pedal

GENERAL DATA

MOUNTING CARRIERS

(representative examples)

ISUZU	U-CXZ72JAD
MITSUBISHI	U-FV419P
Hino	U-FS3FKAA
NISSAN	U-CW610PN

TOTAL RATED LOADS

Unit:ton

	Outriggers fully extended <small>(Over the Rear · Over the Sides)</small>			Outriggers middle extended <small>(Over the Rear · Over the Sides)</small>			Outriggers fully extended Outriggers middle extended <small>(Over the Front)</small>		
	A B (m)	5.4 m	8.35 m	11.3 m	5.4 m	8.35 m	11.3 m	5.4 m	8.35 m
3.0	16.0	11.0		16.0	11.0		10.0	9.5	
3.5	16.0	11.0		13.1	11.0		7.1	6.8	
4.0	13.0	11.0		9.9	9.5		5.4	5.15	
4.5	10.5	9.8	8.0	7.8	7.5	7.7	4.3	4.0	4.2
5.0		8.9	7.5		6.1	6.3		3.25	3.4
5.5		8.3	6.8		5.1	5.25		2.6	2.8
6.0		7.65	6.4		4.35	4.45		2.2	2.35
6.5		7.0	5.9		3.7	3.8		1.8	1.95
7.0		6.4	5.5		3.2	3.35		1.55	1.65
7.5			5.2			2.95			1.4
8.0			4.9			2.6			1.2
9.0			4.1			2.0			0.8
10.0			3.3			1.65			0.54

A = Boom length B = Working radius

NOTES:

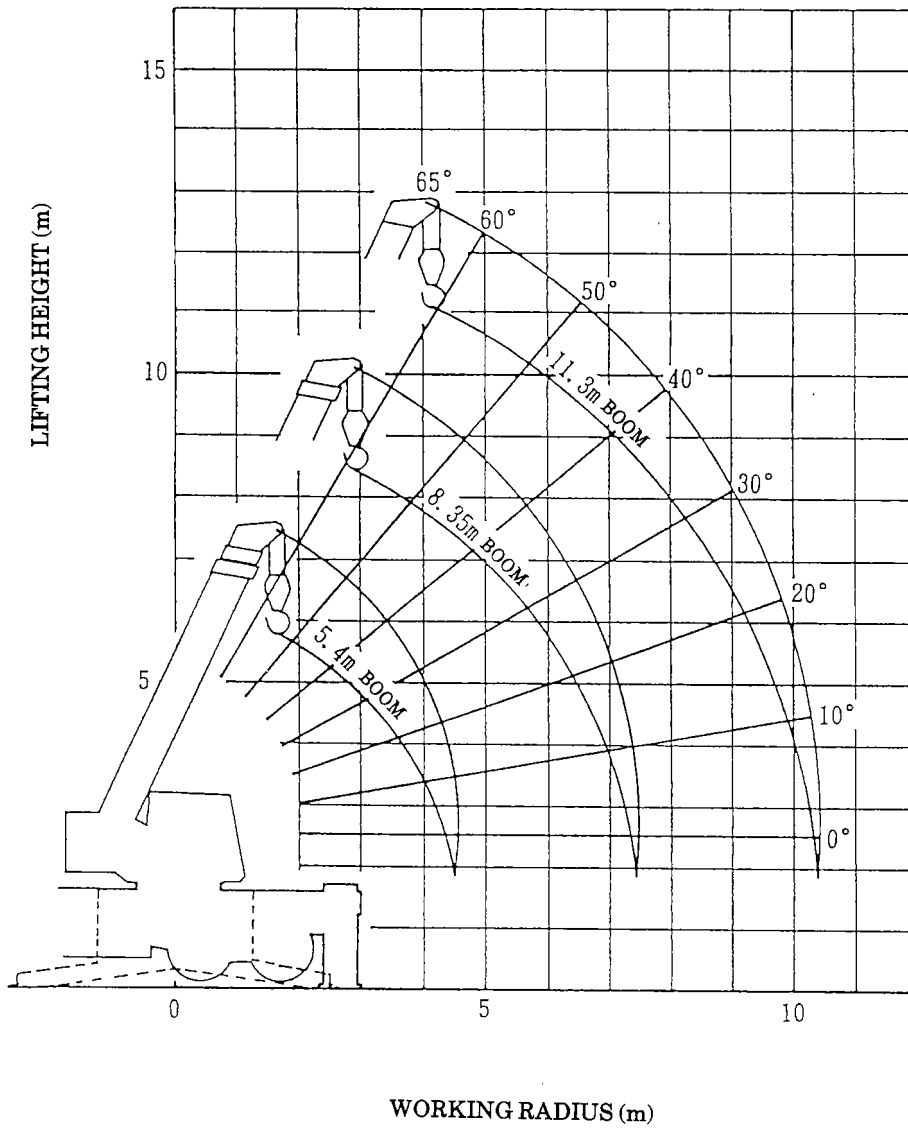
1. The total rated loads shown are for the case when the crane is set horizontally on firm ground. The values above the bold lines are based on the crane strength while those below are based on the crane stability .
2. The weights of slings and hooks (main winch hook : 170kg,) are included in the total rated loads shown.
3. The total rated load is based on the actual working radius including the deflection of the boom.
4. The chart below shows the standard number of part lines for each boom length. The load per line should not exceed 2.7t for each lobe.

A	5.4 m	8.35 m	11.3 m
H	6	6	6

A = Boom length H = No. of part-line

WORKING RADIUS - LIFTING HEIGHT

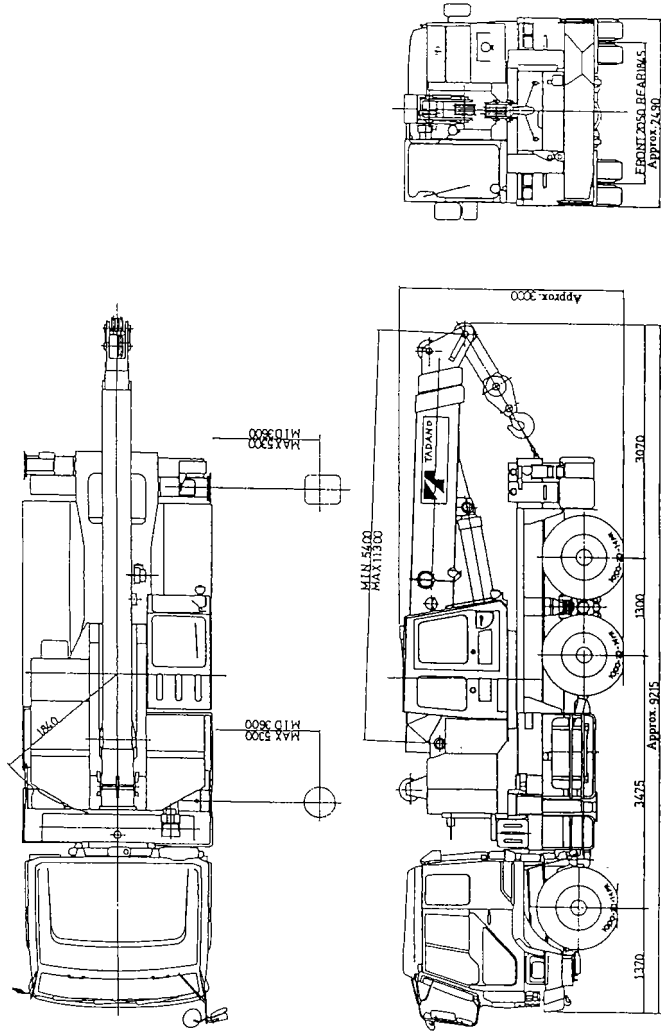
Front outrigger H type
 Rear outrigger X type



NOTES:

1. The deflection of the boom is not incorporated in the figure above.

DIMENSIONS (1/100)



NOTES: May differ according to type of mounting carrier.
This drawing shows the carrier MITSUBISHI U-FV419P

◆ MEMO ◆

A series of horizontal dashed lines for writing a memo.