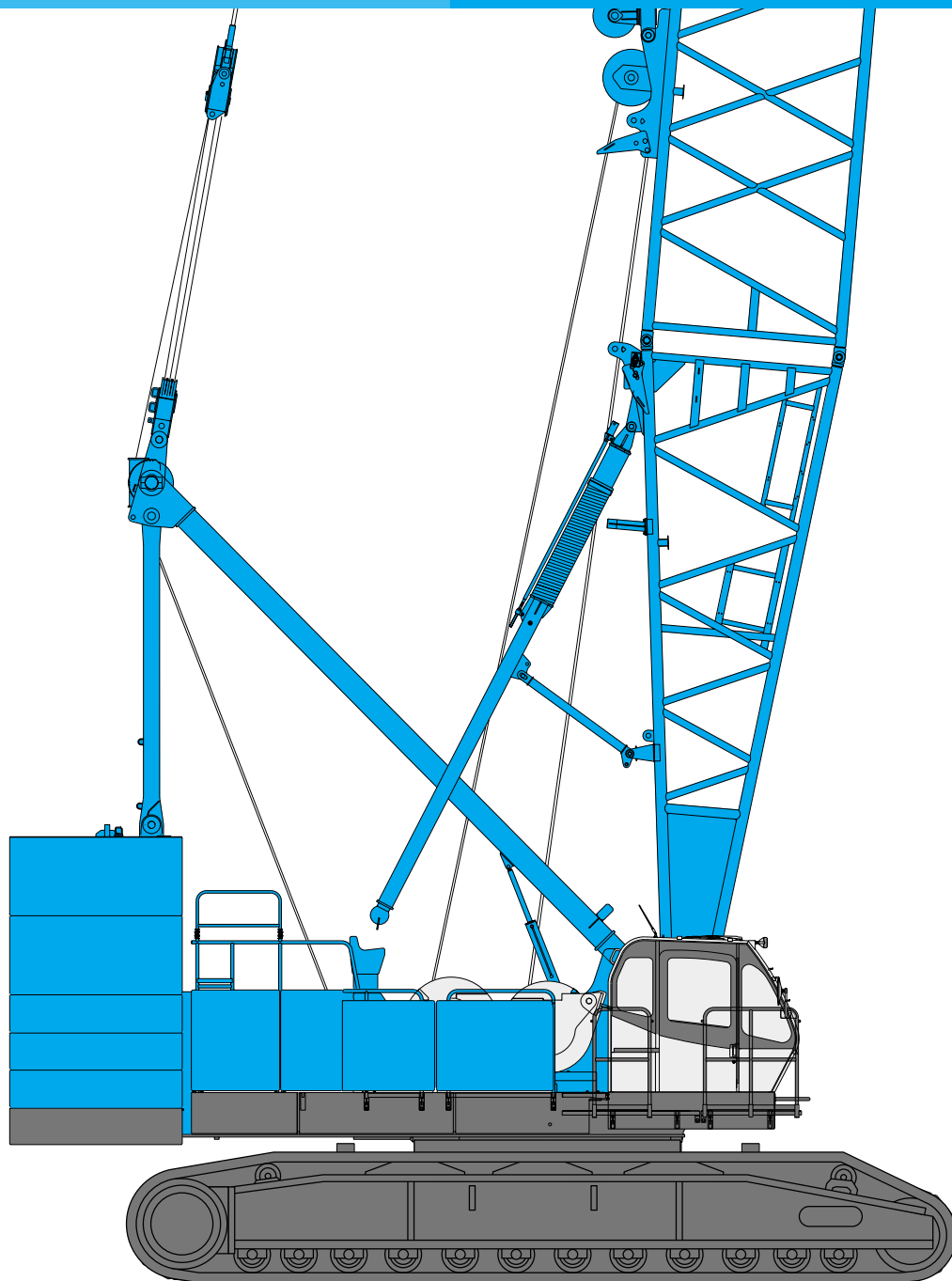


KOBELCO

HYDRAULIC CRAWLER CRANE

**7250**

Model: 7250-2F



**Max. Lifting Capacity: 250 t x 4.6 m**  
**Max. Crane Boom Length: 76.2 m**  
**Max. Long Boom Length: 91.4 m**  
**Max. Fixed Jib Combination: 76.2 + 30.5m**  
**Max. Tower Jib Combination: 64.1 + 51.8 m**

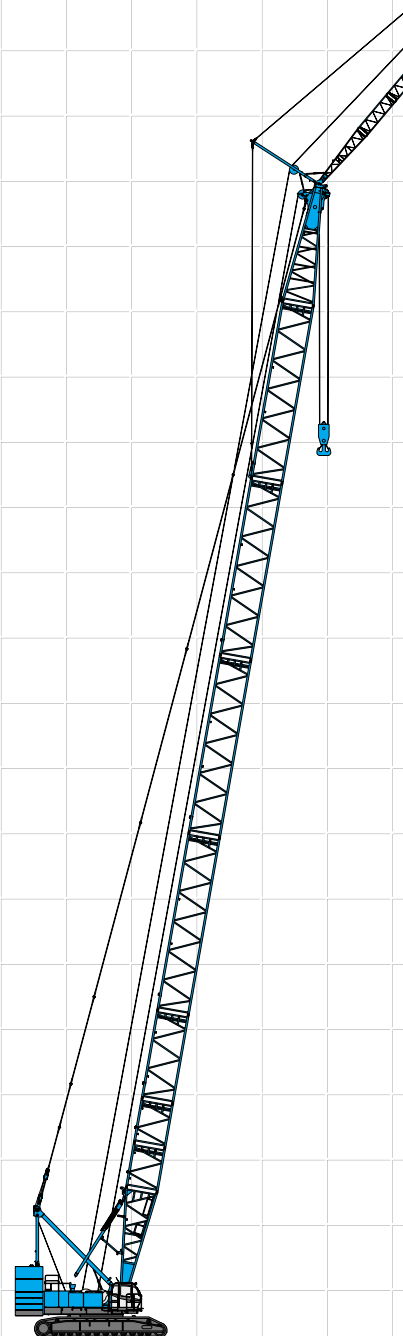
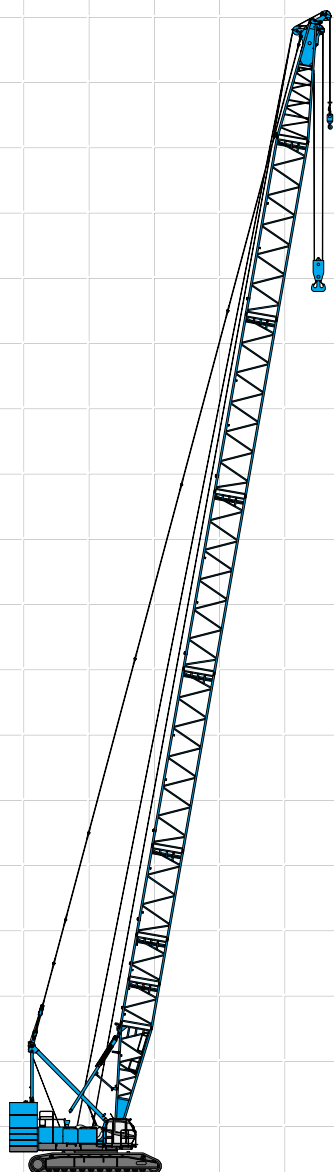
## CONFIGURATION

**Crane Boom**

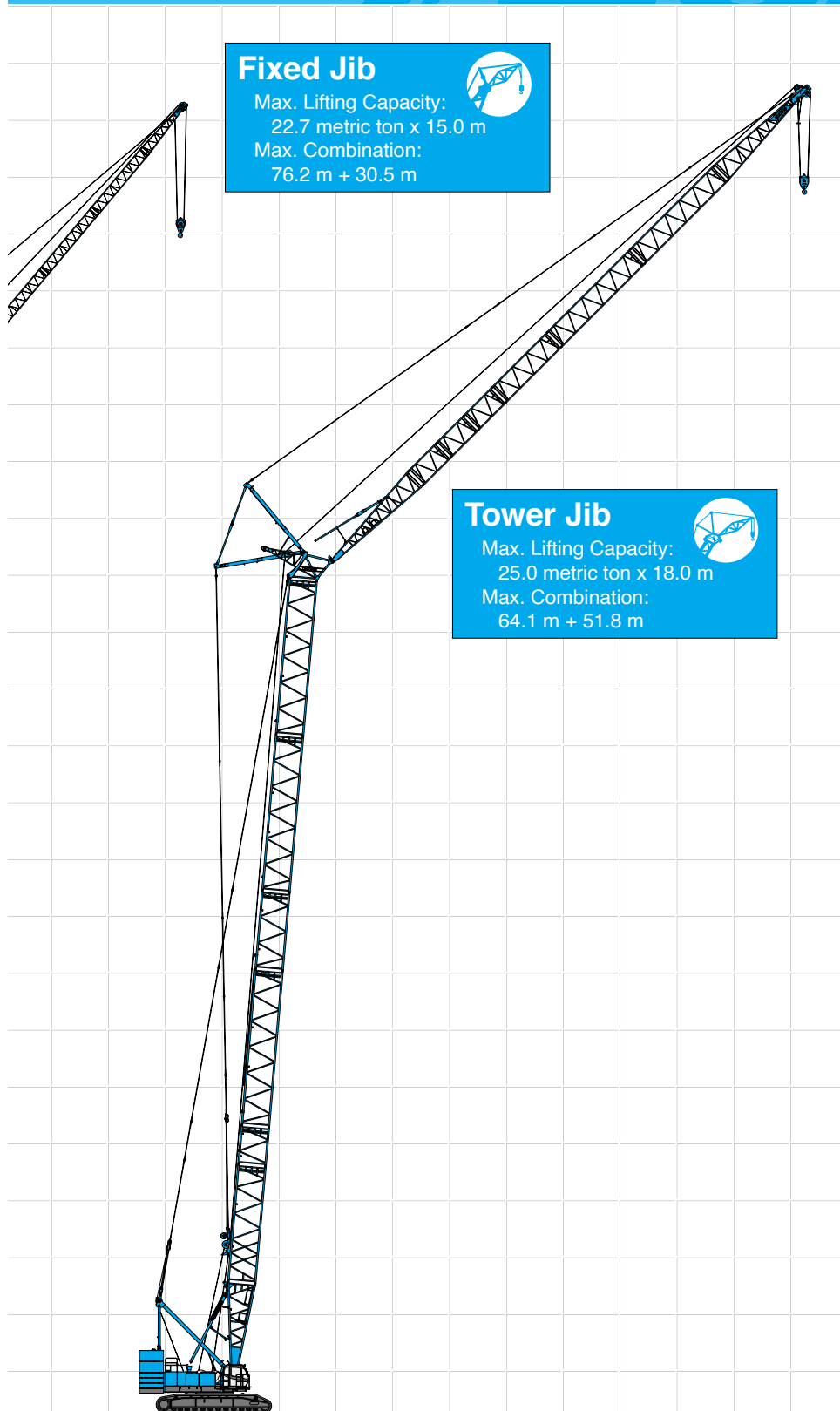
Max. Lifting Capacity:  
250 metric ton x 4.6 m  
Max. Boom Length:  
76.2 m

**Long Boom**

Max. Lifting Capacity:  
37.5 metric ton x 14.4 m  
Max. Boom Length:  
91.4 m



# HYDRAULIC CRAWLER CRANE 7/250



## Fixed Jib

Max. Lifting Capacity:  
22.7 metric ton x 15.0 m  
Max. Combination:  
76.2 m + 30.5 m



## Tower Jib

Max. Lifting Capacity:  
25.0 metric ton x 18.0 m  
Max. Combination:  
64.1 m + 51.8 m



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# SPECIFICATIONS



## Power Plant

**Model:** Hino diesel engine P11C-UN

**Type:** Water-cooled, direct fuel injection, with turbocharger  
Complies with NRMM (Europe) Stage IIIA and US EPA Tier III.

**Displacement:** 10.520 liters

**Rated Power:** 247 kW at 2,000 min<sup>-1</sup> {rpm} (ISO)

**Max. torque:** 1,300 N·m/1,500 min<sup>-1</sup>

**Cooling system:** Liquid, recirculating bypass

**Starter:** 24 V/6.0 kW

**Radiator:** Corrugated type core, thermostatically controlled

**Air cleaner:** Dry type with replaceable paper element

**Throttle:** Electric throttle control, twist grip type

**Fuel filter:** Replaceable paper element

**Batteries:** Two 12V, 136Ah/5HR capacity batteries, series connected.

**Fuel tank capacity:** 400 liters



## Hydraulic System

Four variable displacement piston pumps are driven by heavy-duty pump drive. Two of variable displacement pumps are used in the main hook hoist circuit, auxiliary hook hoist circuit, and each propel circuit. One of the other two pumps is used in the boom hoist circuit and third hoist circuit. The other is used in the swing circuit.

**Control:** Full-flow hydraulic control system for infinitely variable pressure to front and rear drums, boom hoist brakes and clutches. Controls respond instantly to the touch, delivering smooth function operation.

**Cooling:** Oil-to-air heat exchanger (plate-fin type)

**Filtration:** Full-flow and bypass type with replaceable element

**Electrical system:** All wiring corded for easy servicing, individual fused branch circuits.

**Max. relief valve pressure:**

**Load hoist, boom hoist and propel system:**

31.9 MPa {325 kgf/cm<sup>2</sup>}

**Swing system:** 27.5 MPa {280 kgf/cm<sup>2</sup>}

**Control system:** 5.4 MPa {55 kgf/cm<sup>2</sup>}

**Reservoir capacity:** 600 liters



## Boom Hoisting System

Powered by a hydraulic motor through a planetary reducer.

**Brake:** A spring-set, hydraulically released multiple-disc brake is mounted on the boom hoist motor and operated through a counter-balance valve.

**Drum lock:** External ratchet for locking drum.

**Drum:** Double drum, grooved for 22 mm dia. wire rope.

**Line speed:** Double line on first drum layer

**Hoisting/Lowering:** 27 to 2 m/min x 2

**Diameter of wire ropes**

**Boom guy line:** 38 mm

**Boom hoist reeving:** 16 parts of 22 mm dia. high strength wire rope

**Boom backstops:** Required for all boom lengths



## Load Hoist System

Front and rear drums for load hoist powered by a hydraulic variable plunger motors, driven through planetary reducers.

**Negative Brake:** A spring-set, hydraulically released multiple-disc brake is mounted on the hoist motor and operated through a counter-balance valve. (Positive free fall brake is optional item.)

**Drum lock:** External ratchet for locking drum.

**Drums:**

**Front drum:**

620 mm P.C.D. x 812 mm Lg. wide drum, grooved for 28 mm wire rope. Rope capacity is 390 m working length and 390 m storage length.

**Rear drum:**

620 mm P.C.D. x 546 mm Lg. wide drum, grooved for 28 mm wire rope. Rope capacity is 220 m working length and 250 m storage length.

Note: Rope lengths listed above denote drum capacity and may differ from actual rope lengths supplied when machinery is shipped.

**Line speed:** Single line on the first drum layer

**Hoisting/Lowering:** 110 to 3 m/min

**Line Pull:**

**Rated line pull (Single-line):** 132 kN {13.5 tf}



## Swing System

Swing unit is powered by hydraulic motor driving spur gears through planetary reducers (2 sets), the swing system provides 360° rotation.

**Swing parking brakes:** A spring-set, hydraulically released multiple-disc brake is mounted on swing motor.

**Swing circle:** Single-row ball bearing with an integral internally cut swing gear.

**Swing lock:** Manually, four position lock for transportation

**Swing speed:** 2.2 min<sup>-1</sup> {rpm}



## Upper Structure

Torsion-free precision machined upper frame. All components are located clearly and service friendly. Engine with low noise level.

**Counterweight:** 97.1 ton

HYDRAULIC CRAWLER CRANE  
7/250**Cab & Control**

Totally enclosed, full vision cab with safety glass, fully adjustable, high backed seat with a head-rest and armrests, and intermittent wiper and window washer (skylight and front window).

**Cab fittings:**

Air conditioner, convenient compartment (for tool), cup holder, ashtray, cigarette lighter, sun visor, roof blind, tinted glass, floor mat, foot-rest, shoe tray

**Controls:**

Four adjustable levers for front drum, rear drum, boom drum and swing controls

**Lower Structure**

Steel-welded carbody with axles. Crawler assemblies are designed with quick disconnect feature for individual removal as a unit from axles. Crawler belt tension is maintained by hydraulic jack force on the track-adjusting bearing block.

**Carbody weight:** 20.0 ton

**Crawler drive:** Independent hydraulic propel drive is built into each crawler side frame. Each drive consists of a hydraulic motor propelling a driving tumbler through a planetary gear box. Hydraulic motor and gear box are built into the crawler side frame within the shoe width.

**Crawler brakes:** Spring-set, hydraulically released parking brakes are built into each propel drive.

**Steering mechanism:** A hydraulic propel system provides both skid steering (driving one track only) and counter-rotating steering (driving each track in opposite directions).

**Track rollers:** Sealed track rollers for maintenance-free operation.

**Shoes (flat):** 68 shoes, 1,070 mm wide each crawler  
(Optional 1,220 mm shoe is available)

**Max. travel speed:** 1.1/0.7 km/h

**Max. gradeability:** 30%

**Weight**

Including upper and lower machine, 97.1 ton counterweight and 20.0 ton carbody weight, 15.2 m basic boom (or 36.6 m basic tower + 27.4 m basic tower jib), hook, and other accessories.

Specification	Weight	Ground pressure
<b>Crane boom</b>	Approx. 211 ton,	122 kPa {1.25 kgf/cm <sup>2</sup> }
<b>Tower jib</b>	Approx. 220 ton,	128 kPa {1.30 kgf/cm <sup>2</sup> }

**Attachment****Boom and Jib:**

Welded lattice construction using tubular, high-tensile steel chords with pin connections between sections.

**Boom and Jib Length**

	Min. Length (Min. Combination)	Max. Length (Max. Combination)
Crane Boom	15.2 m	76.2 m
Long Boom	73.2 m	91.4 m
Fixed Jib	42.7 m + 12.2 m	76.2 m + 30.5 m
Tower Jib	36.6 m + 27.4 m	64.1 m + 51.8 m

**Main Specifications (Model: 7250-2F)**

<b>Crane Boom</b>	
Max. Lifting Capacity	250 t/4.6 m
Max. Length	76.2 m
<b>Long Boom</b>	
Max. Lifting Capacity	37.5 t/14.4 m
Max. Length	91.4 m
<b>Fixed Jib</b>	
Max. Lifting Capacity	22.7 t/15.0 m
Max. Combination	76.2 m + 30.5 m
<b>Tower Jib</b>	
Max. Lifting Capacity	25.0 t/18.0 m
Max. Combination	64.1 m + 51.8 m
Tower Angle	60° ~ 90°
<b>Main &amp; Aux. Winch</b>	
Max. Line Speed	110 m/min (1st layer)
Rated Line Pull (Single Line)	132 kN {13.5 tf}
Wire Rope Diameter	φ28 mm
Wire Rope Length	390 m (Main) 220 m (Aux.)
Brake Type	Spring-set hydraulically released (Negative)
Free-Fall Brake Type	Wet-type multiple disc brake (Optional)

**Working Speed**

Swing Speed	2.2 min <sup>-1</sup> {rpm}
Travel Speed	1.1/0.7 km/h

**Power Plant**

Model	Hino P11C-UN
Engine Output	247 kW/2,000 min <sup>-1</sup> {rpm}
Fuel Tank Capacity	400 liters

**Hydraulic System**

Main Pumps	4 variable displacement
Max. Pressure	31.9 MPa {325 kgf/cm <sup>2</sup> }
Hydraulic Tank Capacity	600 liters

**Weight**

Operating Weight*	Approx. 211 t
Ground Pressure*	122 kPa {1.25 kgf/cm <sup>2</sup> }
Counterweight	97.1 t (Upper), 20.0 t (Lower)
Transport Weight**	44.5 t

Units are SI units. {} indicates conventional units.

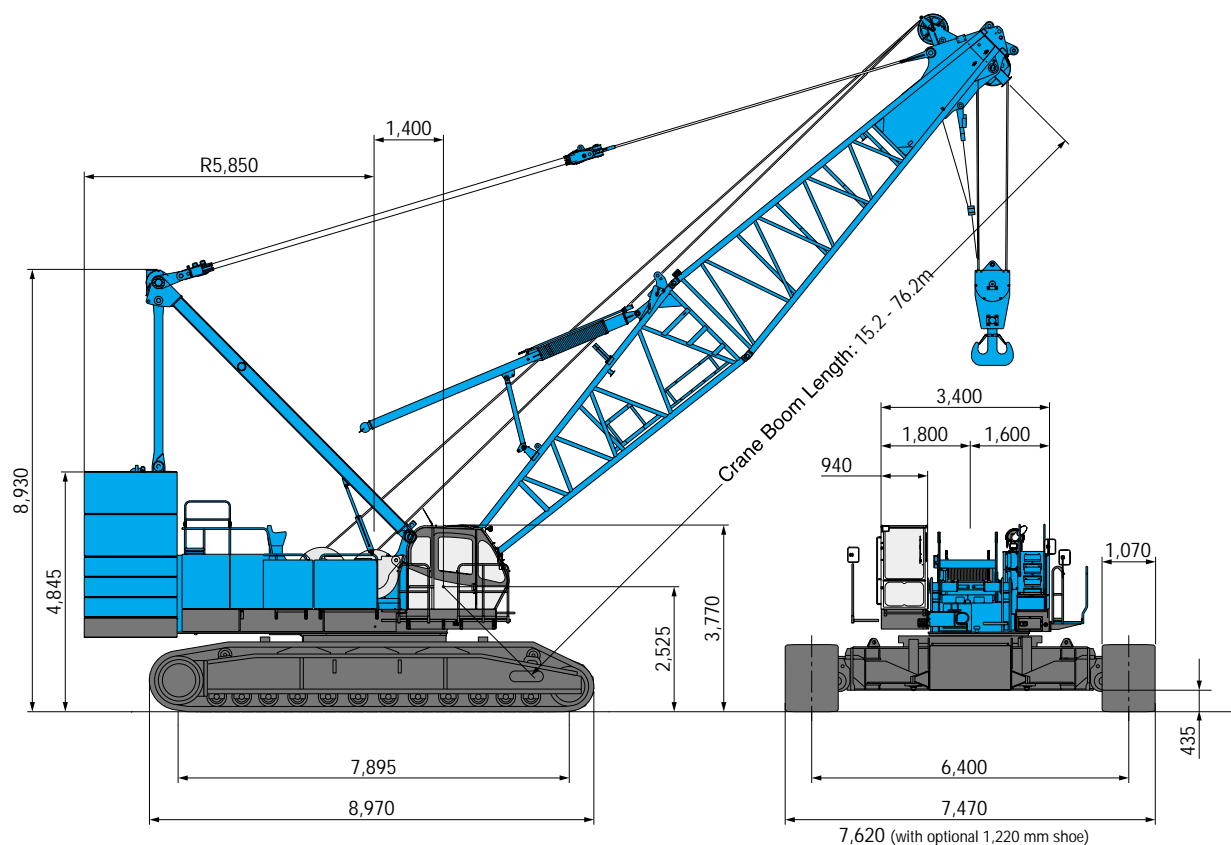
\* Including upper and lower machine, 97.1 ton counterweight and 20.0 ton carbody weight, basic boom, hook, and other accessories.

\*\*Base machine with boom base, carbody, gantry, trans-lifter, lower spreader, upper spreader, main and aux. winches including wire rope, and boom hoist winch including wire rope.

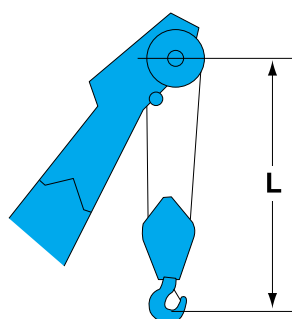
## GENERAL DIMENSIONS

### Crane Boom

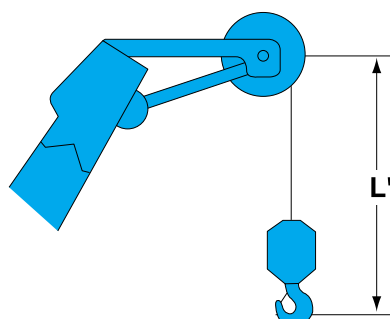
(Unit: mm)



### Limit of Hook Lifting



Hook	L
250 t hook	5.3 m
150 t hook	5.9 m
70 t hook	4.9 m
35 t hook	4.7 m

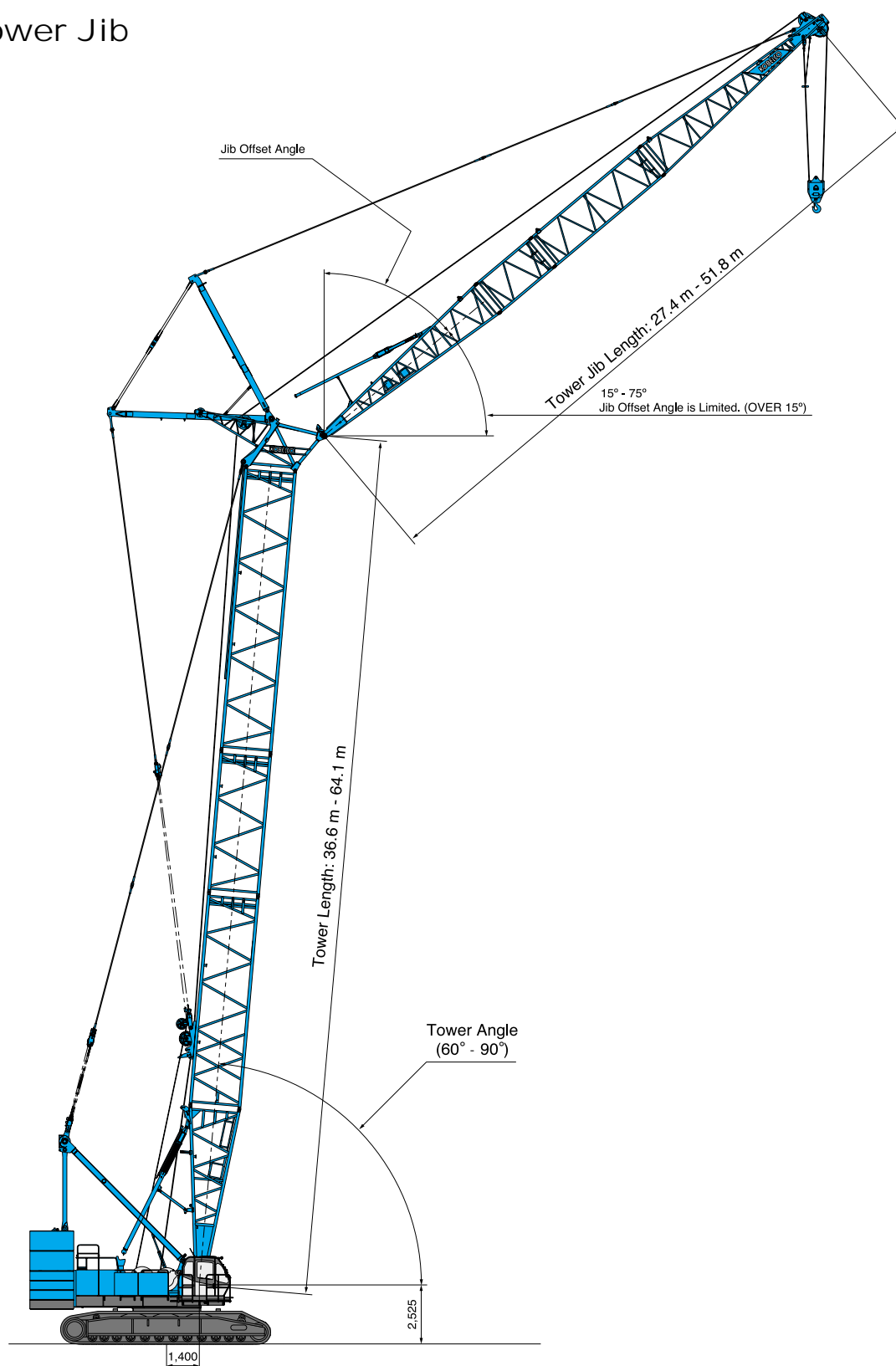


Hook	L'
13.5 t ball hook	3.2 m

## HYDRAULIC CRAWLER CRANE 7250

### Tower Jib

(Unit: mm )



## BOOM AND JIB ARRANGEMENTS

### Crane Boom Arrangements

Boom length m (ft)	Boom arrangement
15.2 (50)	
18.3 (60)	
21.3 (70)	※ 
24.4 (80)	※
27.4 (90)	※  
30.5 (100)	※ 
33.5 (110)	※  
36.6 (120)	※
39.6 (130)	※  
42.7 (140)	※ 
45.7 (150)	※  

Boom length m (ft)	Boom arrangement
48.8 (160)	※
51.8 (170)	※  
54.9 (180)	※ 
57.9 (190)	※  
61.0 (200)	※
64.0 (210)	※  
67.1 (220)	※ 
70.1 (230)	※  
73.2 (240)	※
76.2 (250)	※

↗ mark shows the guy line installing position when the fixed jib is used.

※ Indicates the most flexible combination of insert booms, which can be modified to form all shorter boom arrangements.

Symbol	Boom Length	Remarks
	7.6 m	Boom Base
	7.6 m	Boom Top
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	12.2 m	Insert Boom



## HYDRAULIC CRAWLER CRANE 7/250

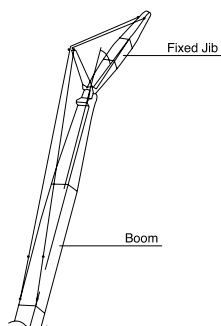
### Long Boom Arrangements

Boom length m (ft)	Boom arrangement
73.2 (240)	
76.2 (250)	※
79.2 (260)	※
82.3 (270)	※
85.3 (280)	※
88.4 (290)	※
91.4 (300)	※

Symbol	Long Boom Length	Remarks
	7.6 m	Boom Base
	9.1 m	Tower Jib Top
	3.0 m	Insert Boom
	12.2 m	Insert Boom
	4.6 m	Tapered Boom
	3.0 m	Relay Jib
	3.0 m	Tower Insert Jib
	6.1 m	Tower Insert Jib
	9.1 m	Tower Insert Jib

※ Indicates the most flexible combination of insert long booms, which can be modified to form all shorter long boom arrangements.

### Fixed Jib Arrangements



Crane boom length	Jib length m (ft)	Jib arrangement
42.7 m }	12.2 (40)	
	18.3 (60)	
	24.4 (80)	
	30.5 (100)	

Symbol	Jib Length	Remarks
	4.6 m	Jib Base
	4.6 m	Jib Top
	3.0 m	Insert Jib
	6.1 m	Insert Jib

## Tower Arrangements

Tower length m (ft)	Tower arrangement
36.6 (120)	
39.7 (130)	※
42.7 (140)	※
45.8 (150)	※
48.8 (160)	※

Tower length m (ft)	Tower arrangement
51.9 (170)	※
54.9 (180)	※
58.0 (190)	※
61.0 (200)	※
64.1 (210)	※

Symbol	Tower Length	Remarks
	7.6 m	Boom Base
	1.6 m	Tower Cap
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	9.1 m	Special Insert Boom for Tower
	12.2 m	Insert Boom

※ Indicates the most flexible combination of insert towers, which can be modified to form all shorter tower arrangements.

## HYDRAULIC CRAWLER CRANE

# 7250

### Tower Jib Arrangements

Jib length m (ft)	Jib arrangement
27.4 (90)	
30.5 (100)	※ 
33.5 (110)	※ 
36.6 (120)	※ 
39.6 (130)	※ 

※ Indicates the most flexible combination of insert tower jibs, which can be modified to form all shorter tower jib arrangements.  
 ⌄ mark: indicates position where cable rollers attached.

Jib length m (ft)	Jib arrangement
42.7 (140)	※ 
45.7 (150)	※ 
48.8 (160)	※
51.8 (170)	※

Symbol	Tower Jib Length	Remarks
	9.1 m	Tower Jib Base
	9.1 m	Tower Jib Top
	3.0 m	Relay Jib
	3.0 m	Tower Insert Jib
	6.1 m	Tower Insert Jib
	9.1 m	Tower Insert Jib

### Tower and Jib Combinations and Allowable Tower Angle

Tower length \ Jib length	27.4m	30.5m	33.5m	36.6m	39.6m	42.7m	45.7m	48.8m	51.8m	Pillow plate
36.6m	90°-60°	90°-60°	—	—	—	—	—	—	—	—
39.7m	90°-60°	90°-60°	90°-60°	—	—	—	—	—	—	—
42.7m	90°-60°	90°-60°	90°-60°	90°-60°	—	—	—	—	—	—
45.8m	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	—	—	—	—	—
48.8m	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	—	—	—	—
51.9m	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	—	—	—
54.9m	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	—	—
58.0m	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-70°	—
61.0m	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-70°	—
64.1m	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-60°	90°-70°	90°-70°	90°-70°	Need
Hook										
35 ton hook	○	○	○	○	○	○	○	○	○	
Ball hook	×	○	○	○	○	○	○	○	○	



### Hook Blocks

A range of hook blocks can be specified, each with a safety latch.

Hooks	Weight (kg)	No. of sheaves	No. of lines and max. rated loads (tons)							
			1	2	3	4	5	6	7	8
250-ton	4,200	11	-	-	-	54.0	-	81.0	-	108.0
150-ton	2,300	6	-	-	40.5	54.0	67.5	81.0	94.5	108.0
70-ton	1,200	3	-	27.0	40.5	54.0	67.5	70.0	-	-
35-ton	900	1	-	27.0	35.0	-	-	-	-	-
13.5-ton ball hook	450	0	13.5	-	-	-	-	-	-	-

Hooks	Weight (kg)	No. of sheaves	No. of lines and max. rated loads (tons)							
			9	10	12	14	16	18	20	22
250-ton	4,200	11	-	135.0	156.0	182.0	200.0	225.0	240.0	250.0
150-ton	2,300	6	121.5	135.0	150.0	-	-	-	-	-
70-ton	1,200	3	-	-	-	-	-	-	-	-
35-ton	900	1	-	-	-	-	-	-	-	-
13.5-ton ball hook	450	0	-	-	-	-	-	-	-	-

### Style and Combination of Boom and Jib

	Style	Crane Boom	Long Boom	Fixed Jib	Tower Jib
Crane Boom/Tower	7.6 m boom base	Common use(1)	Common use(1)	Common use(1)	Common use(1)
	7.6 m boom top	Common use(1)	N.A.	Common use(1)	N.A.
	1.6 m tower cap	N.A.	N.A.	N.A.	Luffing Tower only(1)
	3.0 m insert boom	Common use(2)	Common use(1)	Common use(2)	Common use(1)
	6.1 m insert boom	Common use(1)	N.A.	Common use(1)	Common use(3)
	12.2 m insert boom	Common use(4)	Common use(4)	Common use(4)	Common use(2)
	9.1 m special insert boom for tower	N.A.	N.A.	N.A.	Luffing Tower only(1)
Fixed Jib/Tower Jib	4.6 m tapered boom	N.A.	Long Boom only(1)	N.A.	N.A.
	4.6 m jib base	N.A.	N.A.	Fixed Jib only(1)	N.A.
	4.6 m jib top	N.A.	N.A.	Fixed Jib only(1)	N.A.
	3.0 m insert jib	N.A.	N.A.	Fixed Jib only(1)	N.A.
	6.1 m insert jib	N.A.	N.A.	Fixed Jib only(3)	N.A.
	9.1 m tower jib base	N.A.	N.A.	N.A.	Luffing Tower only(1)
	9.1 m tower jib top	N.A.	Common use(1)	N.A.	Common use(1)
	3.0 m relay jib	N.A.	Common use(1)	N.A.	Common use(1)
	3.0 m tower insert jib	N.A.	Common use(2)	N.A.	Common use(2)
	6.1 m tower insert jib	N.A.	Common use	N.A.	Common use(1)
	9.1 m tower insert jib	N.A.	Common use(1)	N.A.	Common use(2)

Note:

1. Figure in ( ) means the numbers of the maximum usable boom (or jib) respectively.

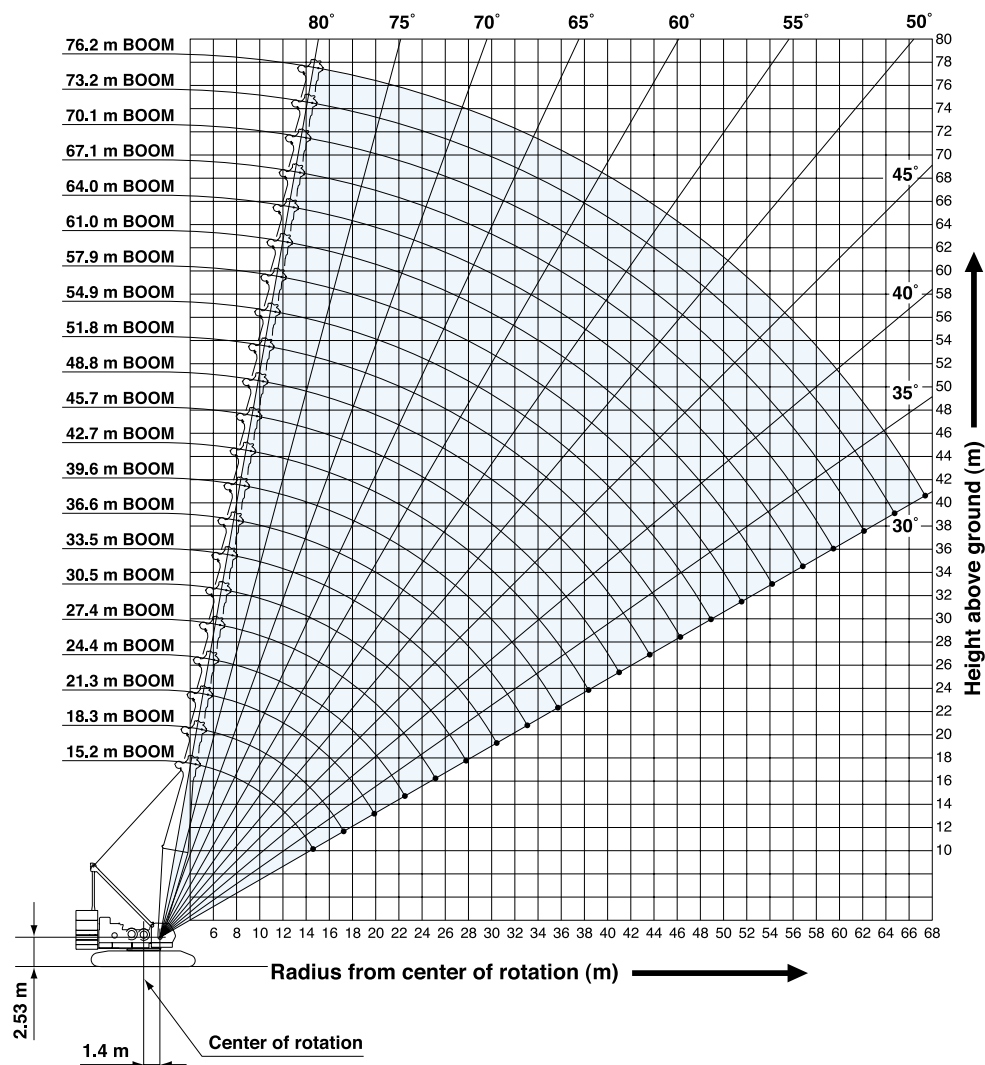
2. N.A.: Not applicable

### Symbols for Attachments:

Crane Boom	Auxiliary Sheave for Crane Boom	Long Boom	Auxiliary Sheave for Long Boom	Fixed Jib	Tower Jib

# WORKING RANGES AND LIFTING CAPACITIES

## Crane Boom Working Ranges



### NOTES:

1. Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.
2. Ratings in metric tons for 360° working area.
3. Operating radius is the horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
4. Weight of hook block(s), slings and other load handling accessories is included in rated load. Their total weight must be subtracted from rated load to obtain weight that can be lifted.
5. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment. Operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
6. Ratings are for operation on a firm and level surface.
7. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
8. Boom inserts and guy lines must be arranged as shown in the "Operator's Manual".
9. Boom hoist reeving is 16 part line.
10. Gantry must be in raised position for all conditions.
11. Boom backstops are required for all boom lengths.
12. Ratings shown in   are determined by the strength of the boom or other structural component.
13. Instruction in the "Operator's Manual" must be strictly observed when operating the machine.
14. Crane boom ratings: Deduct weight of main hook block, slings, and all other load handling accessories from crane boom ratings shown.
15. Auxiliary sheave ratings for crane boom: Deduct weight of ball hook, slings, and all other load handling accessories from auxiliary sheave ratings for crane boom shown.
16. Crane boom lengths for auxiliary sheave mounting are 15.2 m to 76.2 m.
17. Crane boom ratings with auxiliary sheave: Deduct 0.9 ton from crane boom ratings shown. Minimum rated loads must exceed 2.4 ton.



## Crane Boom Lifting Capacity

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

Working radius (m)	Boom length (m)	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	Boom length (m)	Working radius (m)
4.6	4.6 m/250.0														4.6
5.0		230.7	219.0	5.5 m/197.6											5.0
6.0		191.5	191.5	191.1	6.1 m/175.6	6.6 m/156.0									6.0
7.0		165.9	165.6	165.2	165.0	154.4	7.1 m/135.0	7.7 m/128.5							7.0
8.0		146.1	145.8	145.4	145.2	144.9	135.0	127.0	8.2 m/117.3	8.7 m/107.1					8.0
9.0		130.4	130.1	129.8	129.6	129.2	129.0	122.9	114.4	106.2	9.2 m/98.6	9.8 m/90.4			9.0
10.0		117.7	117.4	117.1	116.9	116.5	116.3	116.0	111.2	103.3	96.6	89.9	10.3 m/81.0		10.0
12.0		90.5	90.3	90.1	90.0	89.8	89.8	89.5	89.5	89.4	89.2	85.1	79.8		12.0
14.0		69.0	72.7	72.4	72.3	72.1	72.0	71.8	71.8	71.6	71.4	71.2	71.2		14.0
16.0	14.8 m/60.9		60.6	60.3	60.2	60.0	59.9	59.6	59.6	59.4	59.2	59.0	59.0		16.0
18.0			17.5 m/52.2	51.6	51.4	51.2	51.1	50.8	50.8	50.5	50.3	50.1	50.1		18.0
20.0				45.0	44.8	44.5	44.4	44.0	44.0	43.8	43.6	43.4	43.3		20.0
22.0				20.1 m/44.8	39.6	39.3	39.1	38.8	38.8	38.5	38.3	38.1	38.0		22.0
24.0					22.7 m/38.0	35.1	34.9	34.5	34.5	34.2	34.0	33.8	33.7		24.0
26.0						25.4 m/32.6	31.4	31.0	31.0	30.7	30.5	30.3	30.2		26.0
28.0							28.5	28.1	28.1	27.8	27.5	27.3	27.3		28.0
30.0								25.7	25.7	25.3	25.1	24.8	24.8		30.0
32.0								30.7 m/25.0	23.5	23.2	22.9	22.7	22.6		32.0
34.0									33.3 m/22.3	21.4	21.1	20.8	20.7		34.0
36.0										35.9 m/19.8	19.5	19.2	19.1		36.0
38.0											18.1	17.8	17.7		38.0
40.0											38.6 m/17.7	16.5	16.4		40.0
42.0												41.2 m/15.8	15.3		42.0
44.0													43.9 m/14.3		44.0
Reeves		22	18	16	14	12	10	10	9	8	8	7	6	Reeves	

Working radius (m)	Boom length (m)	51.8	54.9	57.9	61.0	64.0	67.1	70.1	73.2	76.2	Boom length (m)	Working radius (m)
10.0	10.8 m/77.0	11.4 m/71.4	11.9 m/65.8									10.0
12.0	75.0	70.4	65.6	12.4 m/61.1	12.9 m/56.3	13.5 m/51.6						12.0
14.0	70.8	66.5	61.9	58.3	54.7	50.8	47.6	14.5 m/43.1	15.1 m/37.1			14.0
16.0	58.7	58.5	58.4	55.2	51.6	48.0	44.9	41.4	35.9			16.0
18.0	49.8	49.6	49.5	49.3	48.7	45.3	42.3	38.9	33.8			18.0
20.0	43.1	42.8	42.7	42.6	42.3	42.2	39.8	36.7	31.8			20.0
22.0	37.7	37.5	37.4	37.2	37.0	36.9	36.6	34.5	29.8			22.0
24.0	33.5	33.2	33.1	32.9	32.6	32.6	32.3	32.1	27.9			24.0
26.0	29.9	29.7	29.5	29.4	29.1	29.0	28.8	28.6	26.2			26.0
28.0	27.0	26.7	26.6	26.4	26.1	26.0	25.8	25.6	24.5			28.0
30.0	24.5	24.2	24.0	23.9	23.6	23.5	23.2	23.1	23.0			30.0
32.0	22.3	22.1	21.9	21.7	21.4	21.3	21.1	20.9	20.8			32.0
34.0	20.4	20.2	20.0	19.8	19.6	19.5	19.2	19.0	18.9			34.0
36.0	18.8	18.5	18.4	18.2	17.9	17.8	17.5	17.3	17.2			36.0
38.0	17.4	17.1	16.9	16.7	16.4	16.3	16.0	15.9	15.8			38.0
40.0	16.1	15.8	15.6	15.4	15.1	15.0	14.7	14.6	14.5			40.0
42.0	14.9	14.7	14.5	14.3	14.0	13.9	13.6	13.4	13.3			42.0
44.0	13.9	13.7	13.4	13.3	12.9	12.8	12.5	12.4	12.2			44.0
46.0	13.0	12.7	12.5	12.3	12.0	11.9	11.6	11.4	11.3			46.0
48.0	46.5 m/12.8	11.9	11.6	11.5	11.2	11.0	10.7	10.6	10.4			48.0
50.0		49.1 m/11.5	10.9	10.7	10.4	10.2	9.9	9.8	9.6			50.0
52.0			51.8 m/10.3	10.0	9.7	9.5	9.2	9.0	8.9			52.0
54.0				9.4	9.0	8.9	8.6	8.4	8.2			54.0
56.0				54.4 m/9.2	8.4	8.3	8.0	7.8	7.6			56.0
58.0					57.1 m/8.2	7.7	7.4	7.2	6.9			58.0
60.0						59.7 m/7.3	6.8	6.6	6.3			60.0
62.0							6.3	6.0	5.7			62.0
64.0							62.3 m/6.2	5.5	5.2			64.0
66.0								65.0 m/5.3	4.7			66.0
68.0									67.6 m/4.3			68.0
Reeves		6	6	5	5	5	4	4	4	3	Reeves	

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.

Ratings shown in   are determined by the strength of the boom or other structural components.

Refer to notes P12.



# HYDRAULIC CRAWLER CRANE

## 7250

### Auxiliary Sheave Lifting Capacity for Crane Boom (With 70 t Main Hook)

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

Working radius (m)	Boom length (m)	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	Boom length (m)	Working radius (m)
5.0	5.4 m/13.5	5.8 m/13.5													5.0
6.0	13.5	13.5	6.3 m/13.5	6.9 m/13.5											6.0
7.0	13.5	13.5	13.5	13.5	7.4 m/13.5	7.9 m/13.5									7.0
8.0	13.5	13.5	13.5	13.5	13.5	13.5	8.5 m/13.5								8.0
9.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	9.5 m/13.5						9.0
10.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	10.6 m/13.5	11.1 m/13.5			10.0
12.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			12.0
14.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			14.0
16.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			16.0
18.0	16.1 m/13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			18.0
20.0		18.8 m/13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			20.0
22.0			21.4 m/13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			22.0
24.0				13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			24.0
26.0					13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			26.0
28.0					26.7 m/13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			28.0
30.0						29.3 m/13.5	13.5	13.5	13.5	13.5	13.5	13.5			30.0
32.0							13.5	13.5	13.5	13.5	13.5	13.5			32.0
34.0								13.5	13.5	13.5	13.5	13.5			34.0
36.0									34.6 m/13.5	13.5	13.5	13.5			36.0
38.0										37.2 m/13.5	13.5	13.5			38.0
40.0											39.9 m/13.5	13.5			40.0
42.0												13.5			42.0
44.0												42.5 m/13.4	12.7		44.0
46.0													45.2 m/12.0		46.0
Reeves		1	1	1	1	1	1	1	1	1	1	1	1		Reeves

Working radius (m)	Boom length (m)	51.8	54.9	57.9	61.0	64.0	67.1	70.1	73.2	76.2	Boom length (m)	Working radius (m)
10.0	11.6 m/13.5											10.0
12.0	13.5	12.2 m/13.5	12.7 m/13.5	13.2 m/13.5	13.7 m/13.5							12.0
14.0	13.5	13.5	13.5	13.5	13.5	14.3 m/13.5	14.8 m/13.5	15.3 m/13.5	15.9 m/13.5			14.0
16.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			16.0
18.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			18.0
20.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			20.0
22.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			22.0
24.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			24.0
26.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			26.0
28.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			28.0
30.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			30.0
32.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			32.0
34.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			34.0
36.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			36.0
38.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			38.0
40.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.2	13.1	13.0		40.0
42.0	13.4	13.2	13.0	12.8	12.5	12.4	12.1	11.9	11.8			42.0
44.0	12.4	12.2	11.9	11.8	11.4	11.3	11.0	10.9	10.7			44.0
46.0	11.5	11.2	11.0	10.8	10.5	10.4	10.1	9.9	9.8			46.0
48.0	47.8 m/10.7	10.4	10.1	10.0	9.7	9.5	9.2	9.1	8.9			48.0
50.0		9.6	9.4	9.2	8.9	8.7	8.4	8.3	8.1			50.0
52.0		50.4 m/9.4	8.7	8.5	8.2	8.0	7.7	7.5	7.4			52.0
54.0			53.1 m/8.3	7.9	7.5	7.4	7.1	6.9	6.7			54.0
56.0				55.7 m/7.4	6.9	6.8	6.5	6.3	6.1			56.0
58.0					6.3	6.2	5.9	5.7	5.4			58.0
60.0					58.4 m/6.2	5.6	5.3	5.1	4.8			60.0
62.0						61.0 m/5.3	4.8	4.5	4.2			62.0
64.0							63.6 m/4.4	4.0	3.7			64.0
66.0								3.5	3.2			66.0
68.0								66.3 m/3.4	2.7			68.0
70.0									68.9 m/2.5			70.0
Reeves		1	1	1	1	1	1	1	1			Reeves

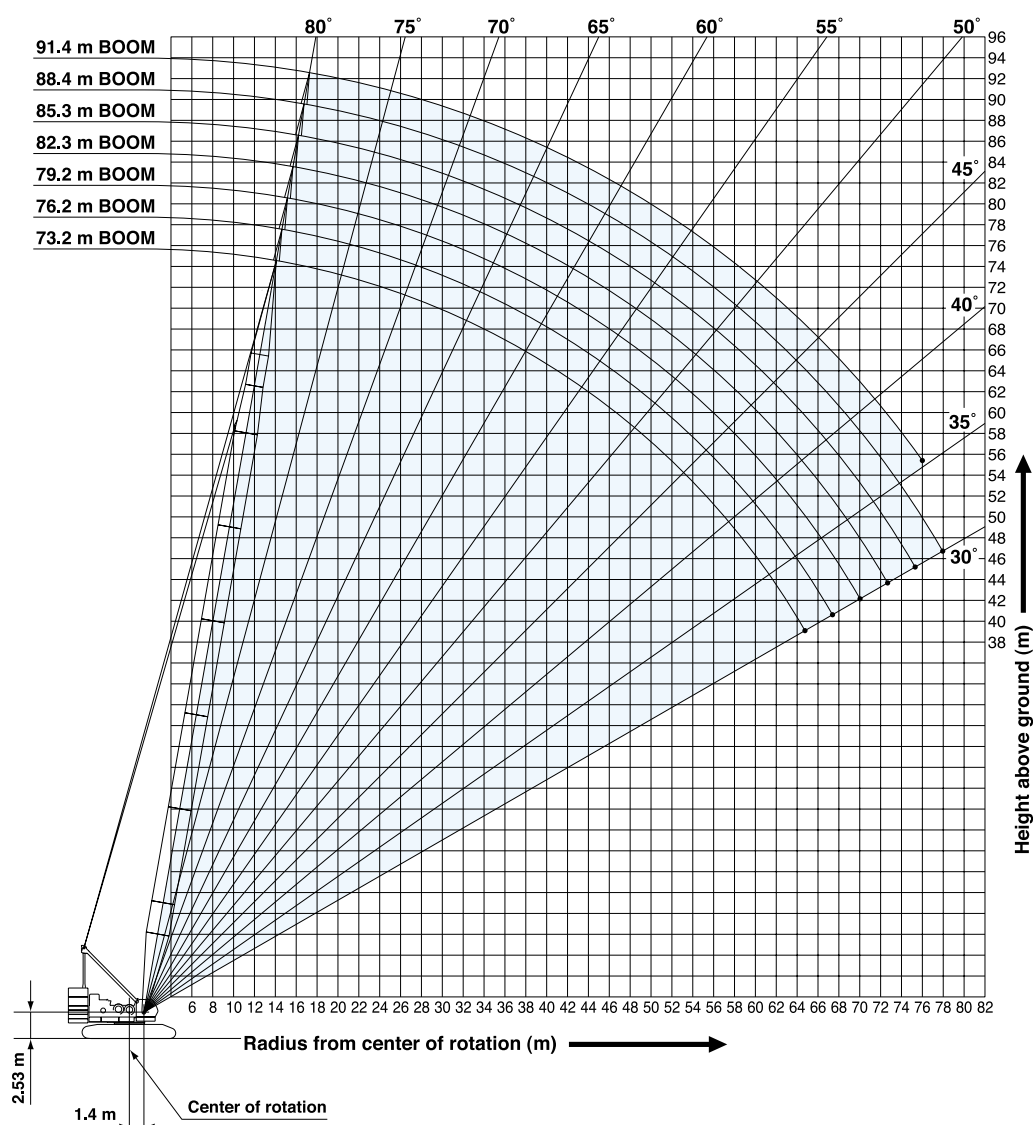
Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.

Ratings shown in   are determined by the strength of the boom or other structural components.

Refer to notes P12.

## Long Boom Working Ranges



### NOTES:

1. Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.
2. Ratings in metric tons for 360° working area.
3. Operating radius is the horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
4. Weight of hook block(s), slings and other load handling accessories is included in rated load. Their total weight must be subtracted from rated load to obtain weight that can be lifted.
5. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment. Operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
6. Ratings are for operation on a firm and level surface.
7. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
8. Boom inserts and guy lines must be arranged as shown in the "Operator's Manual".
9. Gantry must be in raised position for all conditions.
10. Boom backstops are required for all boom lengths.
11. Ratings shown in   are determined by the strength of the boom or other structural component.
12. Instruction in the "Operator's Manual" must be strictly observed when operating the machine.
13. Long boom ratings: Deduct weight of hook block, slings, and all other load handling accessories from long boom ratings shown.
14. Auxiliary sheave ratings for long boom: Deduct weight of ball hook, slings, and all other load handling accessories from auxiliary sheave ratings for long boom shown.
15. Long boom lengths for auxiliary sheave mounting are 73.2 m to 88.4 m.
16. Long boom ratings with auxiliary sheave: Deduct 0.9 ton from long boom ratings shown. Minimum rated loads must exceed 2.4 ton.





# HYDRAULIC CRAWLER CRANE

## 7250

### Long Boom Lifting Capacity

Working radius (m)	Boom length (m)	73.2	76.2	79.2	82.3	85.3	88.4	91.4	Boom length (m)	Working radius (m)
14.0	14.4 m/37.5	14.9 m/34.5	15.4 m/32.6						14.0	14.0
16.0	36.0	33.5	32.1	31.2	16.5 m/25.0	17.0 m/25.0	17.6 m/21.5		16.0	16.0
18.0	34.4	31.9	30.6	29.6	25.0	25.0	21.2		18.0	18.0
20.0	32.9	30.4	29.1	28.2	25.0	24.1	20.0		20.0	20.0
22.0	31.6	29.1	27.9	26.9	25.0	23.0	18.9		22.0	22.0
24.0	30.4	27.9	26.8	25.7	24.2	22.0	17.8		24.0	24.0
26.0	28.8	26.5	25.6	24.6	23.2	21.1	16.9		26.0	26.0
28.0	26.2	25.2	24.5	23.6	22.3	20.1	16.0		28.0	28.0
30.0	23.8	23.6	23.3	22.6	21.1	19.1	15.3		30.0	30.0
32.0	21.8	21.7	21.6	21.5	19.9	18.1	14.5		32.0	32.0
34.0	19.9	19.9	19.7	19.7	18.7	17.1	13.8		34.0	34.0
36.0	18.3	18.3	18.2	18.1	17.7	16.1	13.1		36.0	36.0
38.0	16.9	16.8	16.7	16.7	16.5	15.1	12.5		38.0	38.0
40.0	15.6	15.6	15.4	15.4	15.4	14.2	11.8		40.0	40.0
42.0	14.5	14.5	14.3	14.3	14.3	13.4	11.2		42.0	42.0
44.0	13.4	13.4	13.2	13.2	13.2	12.5	10.7		44.0	44.0
46.0	12.5	12.5	12.3	12.3	12.2	11.8	10.2		46.0	46.0
48.0	11.6	11.5	11.4	11.4	11.3	11.1	9.8		48.0	48.0
50.0	10.7	10.7	10.6	10.5	10.5	10.3	9.4		50.0	50.0
52.0	10.0	10.0	9.9	9.8	9.8	9.6	8.9		52.0	52.0
54.0	9.3	9.3	9.1	9.1	9.0	9.0	8.5		54.0	54.0
56.0	8.6	8.6	8.5	8.4	8.4	8.4	7.8		56.0	56.0
58.0	8.0	8.0	7.8	7.8	7.7	7.7	7.2		58.0	58.0
60.0	7.4	7.3	7.2	7.2	7.1	7.1	6.7		60.0	60.0
62.0	6.8	6.7	6.7	6.6	6.6	6.6	6.1		62.0	62.0
64.0	6.3	6.1	6.1	6.1	6.0	6.0	5.6		64.0	64.0
66.0	64.9 m/6.1	5.6	5.6	5.6	5.6	5.6	5.1		66.0	66.0
68.0		67.5 m/5.4	5.3	5.2	5.2	5.2	4.6		68.0	68.0
70.0			4.8	4.7	4.7	4.7	4.1		70.0	70.0
72.0			70.2 m/4.8	4.3	4.3	4.3	3.6		72.0	72.0
74.0				72.8 m/4.2	3.9	3.9	3.1		74.0	74.0
76.0					74.5 m/3.7	3.5	2.6		76.0	76.0
78.0						3.2			78.0	78.0
80.0						78.1 m/3.2			80.0	80.0
Reeves	3	3	3	3	2	2	2	Reeves		

Unit: metric ton

Counterweight: 97.1 t,  
Carbody weight: 20.0 t

Note:  
Ratings according to Japanese  
Construction Codes for Mobile Cranes and  
Japanese Safety Ordinance on Cranes,  
etc.  
Ratings shown in   are determined  
by the strength of the boom or other structural  
components.  
Refer to notes P15.

### Auxiliary Sheave Lifting Capacity for Long Boom (Without Main Hook)

Working radius (m)	Boom length (m)	73.2	76.2	79.2	82.3	85.3	88.4	Boom length (m)	Working radius (m)
14.0	15.1 m/13.5	15.7 m/13.5						14.0	14.0
16.0	13.5	13.5	16.2 m/13.5	16.7 m/13.5	17.3 m/13.5	17.8 m/13.5		16.0	16.0
18.0	13.5	13.5	13.5	13.5	13.5	13.5		18.0	18.0
20.0	13.5	13.5	13.5	13.5	13.5	13.5		20.0	20.0
22.0	13.5	13.5	13.5	13.5	13.5	13.5		22.0	22.0
24.0	13.5	13.5	13.5	13.5	13.5	13.5		24.0	24.0
26.0	13.5	13.5	13.5	13.5	13.5	13.5		26.0	26.0
28.0	13.5	13.5	13.5	13.5	13.5	13.5		28.0	28.0
30.0	13.5	13.5	13.5	13.5	13.5	13.5		30.0	30.0
32.0	13.5	13.5	13.5	13.5	13.5	13.5		32.0	32.0
34.0	13.5	13.5	13.5	13.5	13.5	13.5		34.0	34.0
36.0	13.5	13.5	13.5	13.5	13.5	13.5		36.0	36.0
38.0	13.5	13.5	13.5	13.5	13.5	13.5		38.0	38.0
40.0	13.5	13.5	13.5	13.5	13.5	13.5		40.0	40.0
42.0	13.5	13.5	13.5	13.5	13.5	13.1		42.0	42.0
44.0	13.1	13.1	12.9	12.9	12.9	12.2		44.0	44.0
46.0	12.2	12.2	12.0	12.0	11.9	11.5		46.0	46.0
48.0	11.3	11.2	11.1	11.1	11.0	10.8		48.0	48.0
50.0	10.4	10.4	10.3	10.2	10.2	10.0		50.0	50.0
52.0	9.7	9.7	9.6	9.5	9.5	9.3		52.0	52.0
54.0	9.0	9.0	8.8	8.8	8.7	8.7		54.0	54.0
56.0	8.3	8.3	8.2	8.1	8.1	8.1		56.0	56.0
58.0	7.7	7.7	7.5	7.5	7.4	7.4		58.0	58.0
60.0	7.1	7.0	6.9	6.9	6.8	6.8		60.0	60.0
62.0	6.5	6.4	6.4	6.3	6.3	6.3		62.0	62.0
64.0	6.0	5.8	5.8	5.8	5.7	5.7		64.0	64.0
66.0	5.5	5.3	5.3	5.3	5.3	5.3		66.0	66.0
68.0		4.8	5.0	4.9	4.9	4.9		68.0	68.0
70.0		68.7 m/4.6	4.5	4.4	4.4	4.4		70.0	70.0
72.0			71.3 m/4.2	4.0	4.0	4.0		72.0	72.0
74.0				3.6	3.6	3.6		74.0	74.0
76.0					3.2	3.2		76.0	76.0
78.0					76.6 m/3.1	2.9		78.0	78.0
Reeves	1	1	1	1	1	1	Reeves		

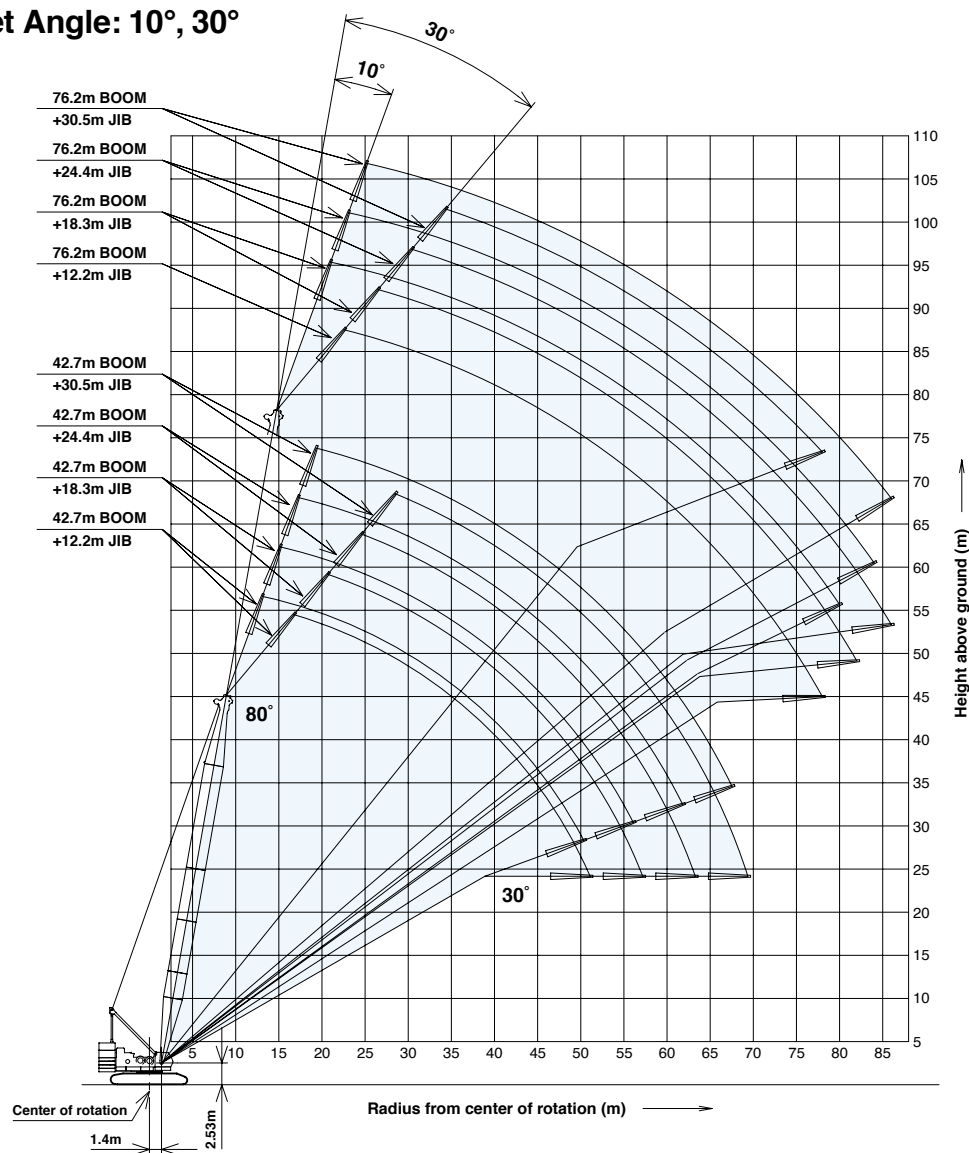
Unit: metric ton

Counterweight: 97.1 t,  
Carbody weight: 20.0 t

Note:  
Ratings according to Japanese Construction Codes  
for Mobile Cranes and Japanese Safety Ordinance on  
Cranes, etc.  
Ratings shown in   are determined by the  
strength of the boom or other structural components.  
Refer to notes P15.

## Fixed Jib Working Ranges

Jib Offset Angle: 10°, 30°



### NOTES:

1. Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.
2. Ratings in metric tons for 360° working area.
3. Operating radius is the horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
4. Weight of hook block(s), slings and other load handling accessories is included in rated load. Their total weight must be subtracted from rated load to obtain weight that can be lifted.
5. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment. Operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
6. Ratings are for operation on a firm and level surface.
7. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
8. Boom/ jib inserts and guy lines must be arranged as shown in the "Operator's Manual".
9. Gantry must be in raised position for all conditions.
10. Boom backstops are required for all boom lengths.
11. Ratings shown in   are determined by the strength of the boom or other structural component.
12. When erecting or lowering the boom length of 76.2 m, the pillow plate for erection must be placed at the end of crawlers.
13. Instruction in the "Operator's Manual" must be strictly observed when operating the machine.
14. Fixed jib ratings: Deduct weight of jib hook block, slings, and all other load handling accessories from fixed jib ratings shown.
15. Crane boom lengths for fixed jib mounting are 42.7 m to 76.2 m.
16. One part of line on hook is not allowed to use for 12.2 m jib length with offset angle 10 degrees.



## Fixed Jib Lifting Capacities (Without Main Hook)

Unit: metric ton

Jib Offset Angle: 10°

Counterweight: 97.1 t, Carbody weight: 20.0 t

Boom length (m)	42.7				48.8				54.9				61.0			Boom length (m)
Jib length (m)	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	18.3	24.4	30.5	Jib length (m)
12.0	12.9 m/22.7				13.9 m/22.7											12.0
14.0	22.4	15.3 m/15.3			22.7				15.0 m/22.7							14.0
16.0	22.0	15.1	17.1 m/8.6		22.2	16.3 m/15.2			22.5	17.4 m/13.5						16.0
18.0	21.6	14.8	8.5	18.5 m/5.1	21.8	15.0	18.1 m/8.5	19.6 m/5.1	22.1	13.5	19.2 m/8.5		18.4 m/13.5			18.0
20.0	21.1	14.6	8.3	5.0	21.4	14.7	8.4	5.0	21.7	13.5	8.5	20.6 m/5.0	13.5	20.3 m/8.5	21.7 m/5.0	20.0
22.0	20.8	14.3	8.2	4.9	21.1	14.5	8.3	4.9	21.4	13.5	8.3	5.0	13.5	8.4	5.0	22.0
24.0	20.4	14.0	8.1	4.8	20.7	14.2	8.2	4.8	21.0	13.5	8.2	4.9	13.5	8.3	4.9	24.0
26.0	20.1	13.8	7.8	4.6	20.4	14.0	8.0	4.7	20.7	13.5	8.1	4.8	13.5	8.2	4.8	26.0
28.0	19.8	13.5	7.5	4.4	20.1	13.7	7.8	4.5	20.4	13.5	8.0	4.7	13.5	8.1	4.8	28.0
30.0	19.5	13.3	7.3	4.2	19.9	13.5	7.5	4.4	20.2	13.5	7.7	4.5	13.5	7.9	4.6	30.0
34.0	18.8	12.9	6.8	3.9	19.1	13.1	7.1	4.0	19.7	13.3	7.3	4.2	13.5	7.5	4.3	34.0
38.0	17.4	11.9	6.5	3.6	17.8	12.8	6.7	3.8	17.4	13.0	6.9	3.9	13.2	7.1	4.0	38.0
42.0	15.8	10.9	6.1	3.4	15.5	11.7	6.4	3.5	14.9	12.6	6.6	3.7	12.9	6.8	3.8	42.0
46.0	14.0	10.0	5.9	3.2	13.4	10.8	6.1	3.3	12.8	11.6	6.3	3.5	12.3	6.5	3.6	46.0
50.0	12.2	9.3	5.6	3.0	11.7	10.0	5.8	3.2	11.1	10.7	6.0	3.3	11.1	6.2	3.4	50.0
54.0	50.3 m/12.1	8.7	5.4	2.9	10.3	9.4	5.6	3.0	9.7	10.0	5.8	3.1	9.6	6.0	3.2	54.0
58.0		56.1 m/8.4	5.3	2.7	55.5 m/9.8	8.8	5.4	2.9	8.5	8.9	5.6	3.0	8.4	5.8	3.1	58.0
62.0			61.7 m/5.1	2.6		61.4 m/8.4	5.3	2.7	60.8 m/7.8	7.8	5.4	2.8	7.3	5.6	3.0	62.0
66.0				2.5			5.2	2.6		6.9	5.3	2.7	6.4	5.4	2.8	66.0
70.0				67.2 m/2.5			67.0 m/5.1	2.6		66.6 m/6.8	5.2	2.6	5.6	5.3	2.7	70.0
74.0								72.5 m/2.5			72.3 m/5.1	2.6	71.9 m/5.2	5.2	2.6	74.0
78.0												77.7 m/2.5		77.6 m/4.7	2.6	78.0
82.0															2.5	82.0
84.0															83.0 m/2.5	84.0
Reeves	2	2	1	1	2	2	1	1	2	1	1	1	1	1	1	Reeves

Boom length (m)	67.1			73.2			76.2			Boom length (m)
Jib length (m)	18.3	24.4	30.5	18.3	24.4	30.5	18.3	24.4	30.5	Jib length (m)
16.0										16.0
18.0	19.4 m/13.5									18.0
20.0	13.5	21.4 m/8.5		20.5 m/13.5			21.1 m/13.5			20.0
22.0	13.5	8.5	22.7 m/5.0	13.5	22.3 m/8.5	23.8 m/5.0	13.5	22.9 m/8.5		22.0
24.0	13.5	8.3	5.0	13.5	8.4	5.0	13.5	8.4	24.4 m/5.0	24.0
26.0	13.5	8.2	4.9	13.5	8.3	4.9	13.5	8.3	4.9	26.0
28.0	13.5	8.1	4.8	13.5	8.2	4.8	13.5	8.2	4.8	28.0
30.0	13.5	8.1	4.7	13.5	8.1	4.8	13.5	8.1	4.8	30.0
34.0	13.5	7.7	4.4	13.5	7.8	4.5	13.5	7.9	4.6	34.0
38.0	13.3	7.3	4.2	13.5	7.5	4.3	13.5	7.5	4.3	38.0
42.0	13.0	7.0	3.9	13.2	7.1	4.0	13.3	7.2	4.1	42.0
46.0	12.2	6.7	3.7	11.7	6.8	3.8	11.4	6.9	3.9	46.0
50.0	10.5	6.4	3.5	10.0	6.6	3.6	9.7	6.7	3.7	50.0
54.0	9.0	6.2	3.3	8.5	6.3	3.5	8.2	6.4	3.5	54.0
58.0	7.8	6.0	3.2	7.3	6.1	3.3	7.0	6.2	3.3	58.0
62.0	6.7	5.8	3.1	6.2	5.9	3.2	5.9	6.0	3.2	62.0
66.0	5.8	5.6	2.9	5.3	5.7	3.0	5.0	5.5	3.1	66.0
70.0	5.0	5.4	2.8	4.5	5.0	2.9	4.1	4.7	3.0	70.0
74.0	4.3	4.7	2.7	3.7	4.3	2.8	3.4	4.0	2.9	74.0
78.0	77.2 m/3.8	4.1	2.6	3.1	3.6	2.7	2.8	3.3	2.8	78.0
82.0		3.5	2.6	2.5	3.0	2.6	80.0 m/2.5	2.7	2.7	82.0
86.0		82.8 m/3.3	2.5		2.5	2.6	84.0 m/2.4	2.5		86.0
90.0			88.3 m/2.5			88.0 m/2.4				90.0
Reeves	1	1	1	1	1	1	1	1	1	Reeves

### Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc. Ratings shown in [ ] are determined by the strength of the boom or other structural components.

Refer to notes P17.

※1 One part of line on hook is not allowed to use for 12.2 m jib length with offset angle 10 degrees.

※2 Crane boom lengths for 12.2 m fixed jib with offset angle 10 degrees mounting are 42.7 m to 57.9 m.



## Jib Offset Angle: 30°

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

Boom length (m)		42.7				48.8				54.9				61.0				Boom length (m)
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)
Working radius (m)	16.0	16.5 m/18.4				17.6 m/18.4								19.8 m/13.5				16.0
	18.0	17.7				18.2				18.7 m/18.4								18.0
	20.0	16.8	20.7 m/12.1			17.3	21.7 m/12.1			17.8				13.5				20.0
	22.0	16.0	11.8			16.6	12.1			17.1	22.8 m/12.1			13.5	23.9 m/12.1			22.0
	24.0	15.3	11.3	24.4 m/6.3		15.9	11.6	25.4 m/6.3		16.4	11.9			13.5	12.1			24.0
	26.0	14.7	10.7	6.2	27.7 m/3.3	15.2	11.1	6.2		15.7	11.4	26.5 m/6.2		13.5	11.7	27.6 m/6.2		26.0
	28.0	14.1	10.3	6.0	3.3	14.7	10.6	6.1	28.8 m/3.3	15.2	11.0	6.2	29.9 m/3.3	13.5	11.3	6.2		28.0
	30.0	13.6	9.9	5.9	3.2	14.1	10.2	6.0	3.2	14.7	10.6	6.0	3.3	13.5	10.9	6.1	30.9 m/3.3	30.0
	34.0	12.7	9.2	5.6	3.0	13.2	9.5	5.7	3.1	13.8	9.9	5.8	3.1	13.5	10.2	5.9	3.2	34.0
	38.0	12.0	8.6	5.4	2.9	12.5	8.9	5.5	2.9	13.0	9.3	5.6	3.0	13.4	9.6	5.7	3.0	38.0
	42.0	11.4	8.1	5.2	2.8	11.9	8.4	5.4	2.8	12.4	8.7	5.5	2.9	12.8	9.0	5.5	2.9	42.0
	46.0	11.0	7.7	5.1	2.6	11.4	8.0	5.2	2.7	11.8	8.3	5.3	2.7	12.2	8.6	5.4	2.8	46.0
	50.0	10.8	7.4	5.0	2.6	11.0	7.7	5.1	2.6	11.4	7.9	5.2	2.7	11.0	8.2	5.3	2.7	50.0
	54.0	51.0 m/10.8	7.2	4.9	2.5	10.4	7.4	5.0	2.5	9.9	7.6	5.1	2.6	9.5	7.9	5.1	2.6	54.0
	58.0		57.1 m/7.1	4.8	2.4	56.3 m/9.7	7.2	4.9	2.5	8.6	7.4	5.0	2.5	8.2	7.6	5.0	2.5	58.0
	62.0			4.7	2.4		7.1	4.8	2.4	61.6 m/7.6	7.2	4.9	2.4	7.1	7.4	5.0	2.5	62.0
	66.0			63.2 m/4.7	2.4		62.4 m/7.1	4.7	2.4		7.1	4.8	2.4	6.1	6.8	4.9	2.4	66.0
	70.0				69.3 m/2.4			68.5 m/4.6	2.4		67.7 m/6.7	4.7	2.4	66.9 m/5.9	5.9	4.8	2.4	70.0
	74.0								2.4			73.8 m/4.6	2.4		73.0 m/5.2	4.8	2.4	74.0
	78.0							74.6 m/2.4					2.4			4.7	2.4	78.0
	82.0												79.9 m/2.4			79.1 m/4.6	2.4	82.0
	86.0																85.1 m/2.4	86.0
Reeves		2	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	Reeves

Boom length (m)		67.1				73.2				76.2				Boom length (m)	
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)	
Working radius (m)	20.0	20.8 m/13.5				21.9 m/13.5								20.0	
	22.0	13.5				13.5				22.3 m/13.5				22.0	
	24.0	13.5	24.9 m/12.0			13.5				13.5				24.0	
	26.0	13.5	11.9			13.5	12.1			13.5	26.5 m/12.0			26.0	
	28.0	13.5	11.5	28.6 m/6.2		13.5	11.7	29.7 m/6.2		13.5	11.8			28.0	
	30.0	13.5	11.1	6.1	32.0 m/3.3	13.5	11.4	6.2	33.0 m/3.2	13.5	11.5	30.2 m/6.2	33.5 m/3.2	30.0	
	34.0	13.5	10.4	5.9	3.2	13.5	10.7	6.0	3.2	13.5	10.8	6.0	3.2	34.0	
	38.0	13.5	9.8	5.8	3.0	13.5	10.1	5.8	3.1	13.5	10.2	5.8	3.1	38.0	
	42.0	13.2	9.3	5.6	2.9	13.5	9.6	5.6	3.0	13.5	9.7	5.7	3.0	42.0	
	46.0	12.2	8.9	5.4	2.8	11.7	9.1	5.5	2.9	11.5	9.2	5.5	2.9	46.0	
	50.0	10.4	8.5	5.3	2.7	10.0	8.7	5.4	2.8	9.7	8.8	5.4	2.8	50.0	
	54.0	8.9	8.1	5.2	2.6	8.5	8.4	5.3	2.7	8.2	8.5	5.3	2.7	54.0	
	58.0	7.6	7.8	5.1	2.6	7.2	8.0	5.2	2.6	6.9	7.7	5.2	2.6	58.0	
	62.0	6.5	7.3	5.0	2.5	6.1	6.9	5.1	2.5	5.8	6.6	5.1	2.5	62.0	
	66.0	5.6	6.3	5.0	2.4	5.1	5.8	5.0	2.5	4.8	5.6	5.0	2.5	66.0	
	70.0	4.7	5.4	4.9	2.4	4.2	5.0	5.0	2.4	3.9	4.7	5.0	2.4	70.0	
	74.0	72.2 m/4.3	4.6	4.9	2.4	3.4	4.2	4.7	2.4	3.2	3.9	4.4	2.4	74.0	
	78.0		3.9	4.3	2.4	77.5 m/2.9	3.4	3.9	2.4	2.5	3.2	3.7	2.4	78.0	
	82.0		78.3 m/3.8	3.7			2.8	3.3			2.5	3.0		82.0	
	86.0			84.3 m/3.3			83.5 m/2.5	2.7				2.4		86.0	
	90.0							88.0 m/2.4						90.0	
Reeves		1	1	1	1	1	1	1	1	1	1	1	1	Reeves	

Note:  
Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.  
Ratings shown in [ ] are determined by the strength of the boom or other structural components.  
Refer to notes P17.

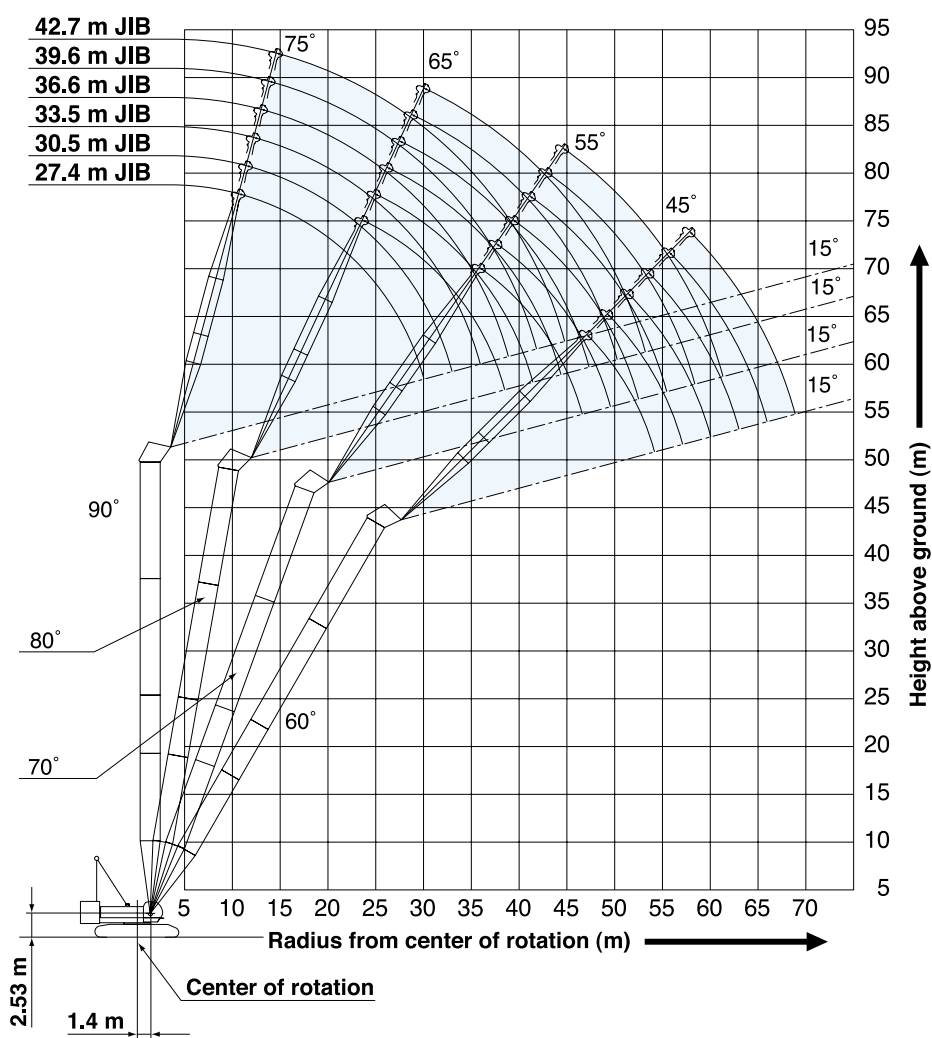


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## Tower Jib Working Ranges

**Tower Length: 48.8 m**

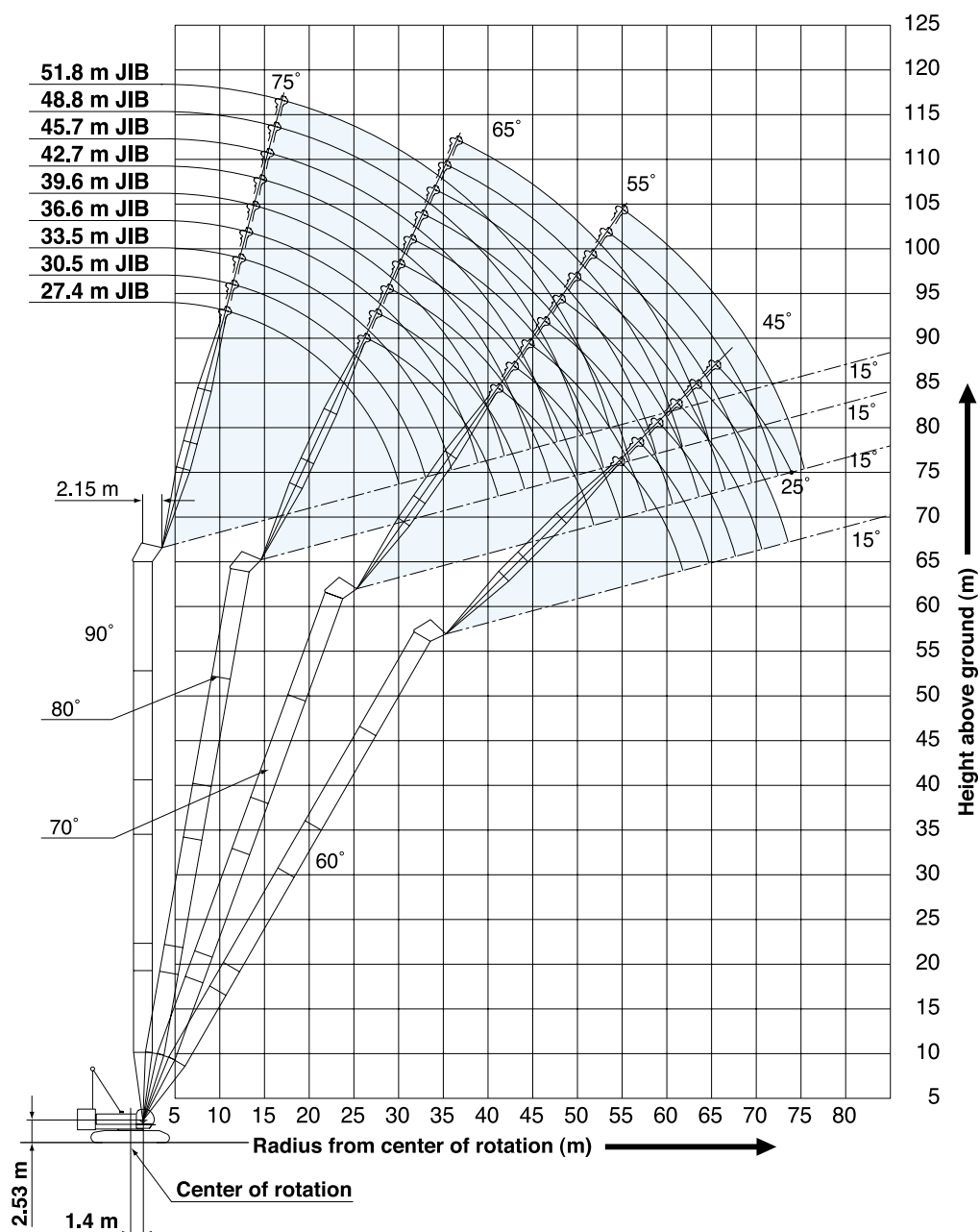


### NOTES:

1. Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.
2. Ratings in metric tons for 360° working area.
3. Operating radius is the horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
4. Weight of hook block(s), slings and other load handling accessories is included in rated load. Their total weight must be subtracted from rated load to obtain weight that can be lifted.
5. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment. Operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
6. Ratings are for operation on a firm and level surface.
7. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
8. Tower/tower jib inserts and guy lines must be arranged as shown in the "Operator's Manual".
9. Tower jib hoist reeving is 8 part line.
10. Gantry must be in raised position for all conditions.

## HYDRAULIC CRAWLER CRANE 7250

**Tower Length: 64.1 m**



11. Tower and tower jib backstops are required for all tower and tower jib combinations.
12. Ratings shown in   are determined by the strength of the tower or other structural component.
13. When erecting and lowering the tower length of 64.1 m, the pillow plate for erection must be placed at the end of crawlers.
14. Instruction in the "Operator's Manual" must be strictly observed when operating the machine.
15. Tower jib ratings: Deduct weight of hook block, slings, and all other load handling accessories from tower jib ratings shown.



## Tower Jib Lifting Capacities

Unit: metric ton

Counterweight: 97.1 t,  
Carbody weight: 20.0 t

36.6 m Tower Length	36.6										Tower length (m)	
	Jib length (m)										Jib length (m)	
	27.4										30.5	
	Tower angle										Tower angle	
Working Radius (m)	10.0	10.9 m/25.0								11.7 m/25.0		10.0
	12.0	25.0								25.0		12.0
	14.0	25.0								25.0		14.0
	16.0	25.0								25.0		16.0
	18.0	25.0								24.2		18.0
	20.0	24.2	21.7 m/23.4							23.5		20.0
	22.0	23.2	23.2							22.7	23.0 m/21.9	22.0
	24.0	21.0	21.0							21.0	21.0	24.0
	26.0	18.6	18.6							18.6	18.6	26.0
	30.0	29.9 m/11.2	15.2	31.9 m/14.1						15.1	15.1	30.0
	34.0		12.8	12.8						32.8 m/10.6	12.7	34.0
	38.0		36.2 m/11.8	11.1	41.2 m/10.0					11.0	11.0	38.0
	42.0			9.7	9.7					39.2 m/10.6	9.6	42.0
	46.0			42.3 m/9.6	8.6					45.2 m/8.7	8.5	46.0
	50.0				47.9 m/8.2						7.7	50.0
	54.0										50.8 m/7.6	54.0
	Reeves		2					2				Reeves

39.7 m Tower Length	Tower length (m)		39.7												Tower length (m)	
	Jib length (m)		27.4				30.5				33.5				Jib length (m)	
	Tower angle		90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle	
	Working Radius (m)	10.0	10.9 m/25.0					11.7 m/25.0								
12.0		25.0					25.0				12.5 m/25.0					12.0
14.0		25.0					25.0				25.0					14.0
16.0		25.0					25.0				24.2					16.0
18.0		25.0					24.2				23.4					18.0
20.0		24.2					23.5				22.6					20.0
22.0		23.2	22.3 m/22.8				22.7	23.6 m/21.4			21.8					22.0
24.0		20.9	20.9				21.0	20.9			21.0	24.8 m/20.2				24.0
26.0		18.5	18.6				18.6	18.6			18.8	18.6				26.0
30.0		29.9 m/11.2	15.2	33.0 m/13.4			15.1	15.1			15.3	15.1				30.0
34.0			12.8	12.8			32.8 m/10.6	12.7	34.7 m/12.4		12.0	12.7	36.5 m/11.5			34.0
38.0			36.7 m/11.5	11.1				11.0	11.0		35.8 m/9.2	11.0	11.0			38.0
42.0				9.7	42.7 m/9.5			39.7 m/10.4	9.6	44.9 m/8.7		9.6	9.6			42.0
46.0				43.3 m/9.3	8.6				8.5	8.5		42.6 m/9.4	8.4	47.0 m/8.2		46.0
50.0					49.4 m/8.0				46.3 m/8.4	7.7			49.2 m/7.7	7.6		50.0
54.0										52.4 m/7.2				6.8		54.0
56.0														55.3 m/6.6		56.0
		Reeves	2				2				2				Reeves	

Note:  
Ratings according to Japanese  
Construction Codes for Mobile  
Cranes and Japanese Safety  
Ordinance on Cranes, etc.  
Ratings shown in   
are determined by the strength  
of the tower or other structural  
components.  
Refer to notes P21 and P22.

42.7 m Tower Length	42.7																	Tower length (m)
	Jib length (m)																Jib length (m)	
	27.4				30.5				33.5				36.6					
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle
Working Radius (m)	10.0	10.9 m/25.0				11.7 m/25.0												10.0
	12.0	25.0				25.0				12.5 m/25.0				13.3 m/23.9				12.0
	14.0	25.0				25.0				25.0				23.6				14.0
	16.0	25.0				25.0				24.2				22.9				16.0
	18.0	25.0				24.2				23.4				22.2				18.0
	20.0	24.2				23.5				22.6				21.4				20.0
	22.0	23.2	22.8 m/22.3			22.7				21.8				20.7				22.0
	24.0	20.9	20.9			21.0	24.1 m/20.9			21.0	25.4 m/19.6			19.9				24.0
	26.0	18.5	18.6			18.6	18.6			18.8	18.6			18.8	26.7 m/18.2			26.0
	30.0	29.9 m/11.3	15.2			15.1	15.1			15.3	15.1			15.2	15.0			30.0
	34.0		12.8	12.8		32.8 m/10.6	12.7	35.8 m/11.8		12.1	12.7			12.8	12.6			34.0
	38.0		37.3 m/11.4	11.1			11.0	11.0		35.8m/9.2	11.0	11.0		9.3	10.9	39.3 m/10.4		38.0
	42.0			9.7	44.2 m/9.0		40.2 m/10.2	9.6			9.6	9.6		38.7 m/8.7	9.5	9.5		42.0
	46.0			44.4 m/8.9	8.6			8.5	46.4 m/8.4		43.2 m/9.3	8.4	48.5 m/7.9		8.4	8.3		46.0
	50.0				7.8			47.3 m/8.2	7.7			7.5	7.6		46.1 m/8.3	7.4	50.7 m/7.3	50.0
	54.0				51.0 m/7.6				53.9 m/6.9			50.2 m/7.5	6.8			53.2 m/6.7	6.7	54.0
	58.0												56.8 m/6.3				6.0	58.0
	60.0																59.8 m/5.7	60.0
		Reeves		2			2				2				2			Reeves



HYDRAULIC CRAWLER CRANE  
7250

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

45.8 m Tower Length	Tower length (m)		45.8																Tower length (m)					
	Jib length (m)		27.4				30.5				33.5				36.6				39.6				Jib length (m)	
	Tower angle		90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle	
	10.0	10.9m/25.0					11.7m/26.0								13.3m/23.9									10.0
12.0	25.0					25.0				12.5m/25.0				23.6				14.1m/22.0					12.0	
14.0	25.0					25.0				25.0				23.6				14.1m/22.0					14.0	
16.0	25.0					25.0				24.2				22.9				21.4					16.0	
18.0	25.0					24.2				23.4				22.2				20.8					18.0	
20.0	24.2					23.5				22.6				21.4				20.2					20.0	
22.0	23.2	23.3m/21.7				22.7				21.8				20.7				19.6					22.0	
24.0	20.9	20.9				21.0	24.5m/20.3			21.0	25.9m/18.7			19.9				19.0					24.0	
26.0	18.5	18.6				18.6	18.6			18.8	18.6			18.8	27.2m/17.6			18.3	28.5m/16.3				26.0	
30.0	29.9m/11.3	15.2				15.1	15.1			15.3	15.1			15.2	15.0			15.2	14.9				30.0	
34.0		12.8	35.0m/12.3			32.8m/10.6	12.7	36.8m/11.5		12.1	12.7			12.8	12.6			12.8	12.5				34.0	
38.0		37.8m/11.2	11.1				11.0	11.0		35.8m/9.2	11.0	38.5m/10.9		9.3	10.9	40.3m/10.1		10.8	10.8				38.0	
42.0			9.7	45.8m/8.6			40.7m/10.1	9.6		9.6	9.6			38.7m/8.7	9.5	9.5		41.7m/7.7	9.4	9.4			42.0	
46.0				45.4m/8.8	8.6			8.5	47.9m/8.1		43.7m/9.1	8.4			8.4	8.3			8.2	8.1			46.0	
50.0					7.8			48.3m/8.1	7.7			7.5	50.1m/7.6		46.6m/8.2	7.4	52.2m/7.0		49.6m/7.2	7.2			50.0	
54.0					52.5m/7.3				6.9			51.3m/7.3	6.8			6.6	6.7		6.4	54.4m/6.3			54.0	
58.0									55.4m/6.7				6.1			54.2m/6.6	6.0		57.2m/5.9	5.8			58.0	
62.0													58.4m/6.0				61.3m/5.5			5.3			62.0	
66.0																				64.3m/5.0			66.0	
Reeves	2				2				2				2				2				Reeves			

48.8 m Tower Length	Tower length (m)		48.8																Tower length (m)		
	Jib length (m)		27.4				30.5				33.5				36.6				Jib length (m)		
	Tower angle		90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle		
	10.0	10.9 m/25.0					11.7 m/25.0								13.3 m/23.9					10.0	
12.0	25.0					25.0				12.5 m/25.0				23.6					12.0		
14.0	25.0					25.0				25.0				23.6					14.0		
16.0	25.0					25.0				24.2				22.9					16.0		
18.0	25.0					24.2				23.4				22.2					18.0		
20.0	24.2					23.5				22.6				21.4					20.0		
22.0	23.2	23.9 m/21.2				22.7				21.8				20.7					22.0		
24.0	20.9	20.9				21.0	25.1 m/19.7			21.0				19.9					24.0		
26.0	18.5	18.6				18.6	18.6			18.8	26.4 m/18.4			18.8	27.7 m/17.0				26.0		
30.0	29.9 m/11.3	15.2				15.1	15.1			15.3	15.1			15.2	15.0				30.0		
34.0		12.8	36.1 m/11.8			32.8 m/10.6	12.7	37.8 m/11.1		12.1	12.7			12.8	12.6				34.0		
38.0		11.1	11.1				11.0	11.0		35.8 m/9.2	11.0	39.6 m/10.3		9.3	10.9	41.3 m/9.6			38.0		
42.0		38.3 m/11.0	9.7				41.3 m/9.9	9.6		9.6	9.5			38.7 m/8.7	9.5	9.4			42.0		
46.0			8.6	47.3 m/8.3				8.5	49.4 m/7.8		44.2 m/8.9	8.4			8.4	8.3			46.0		
50.0				46.4 m/8.5	7.8			49.4 m/7.7	7.7			7.5	51.6 m/7.3		47.2 m/8.1	7.4	53.7 m/6.8		50.0		
54.0					7.0				6.9			52.3 m/7.1	6.8			6.6	6.7		54.0		
58.0									56.9 m/6.4					6.1			55.3 m/6.4	6.0	58.0		
62.0														59.9 m/5.8				5.4	62.0		
64.0																		62.8 m/5.3	64.0		
Reeves	2				2				2				2				2				Reeves

48.8 m Tower Length	Tower length (m)		48.8																Tower length (m)		
	Jib length (m)		39.6				42.7				45.8				48.9				Jib length (m)		
	Tower angle		90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle		
	14.0	14.1 m/22.0					14.9 m/20.0								16.5 m/18.0					14.0	
16.0	21.4					19.7								18.9					16.0		
18.0	20.8					19.2								18.6					18.0		
20.0	20.2					18.6								18.0					20.0		
22.0	19.6					18.1								17.5					22.0		
24.0	19.0					17.5								17.0					24.0		
26.0	18.3	29.0 m/15.8				17.0								16.5					26.0		
30.0	15.2	14.9				15.2	30.3 m/14.7							14.7					30.0		
34.0	12.8	12.5				12.8	12.4							12.3					34.0		
38.0	10.8	10.8				10.9	10.6							10.8					38.0		
42.0	41.7 m/7.7	9.4	43.1 m/9.0			8.9	9.2	44.8 m/8.3						8.8					42.0		
46.0		8.2	8.1			44.6 m/6.8	8.0	7.9						7.9					46.0		
50.0		7.2	7.2				7.0	7.0						6.9					50.0		
54.0		50.1 m/7.1	6.4	55.9 m/6.1			53.0 m/6.4	6.2						4.9					54.0		
58.0			5.8	5.8				5.6	58.1 m/5.6					4.4					58.0		
62.0			58.2 m/5.8	5.3			61.2 m/5.3	5.2						3.9					62.0		
66.0				65.8 m/4.9				4.8						3.4					66.0		
70.0								68.7 m/4.5						2.9					70.0		
Reeves	2				2				2				2				2				Reeves

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.

Ratings shown in   are determined by the strength of the tower or other structural components.

Refer to notes P21 and P22.

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.  
Ratings shown in [ ] are determined by the strength of the tower or other structural components.

Refer to notes P21 and P22.



Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

51.9 m Tower Length	Tower length (m)	51.9																Tower length (m)
	Jib length (m)	27.4				30.5				33.5				36.6				Jib length (m)
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle
	10.0	10.9 m/25.0				11.7 m/25.0												10.0
	12.0	25.0				25.0				12.5 m/25.0				13.3 m/23.9				12.0
	14.0	25.0				25.0				25.0				23.6				14.0
	16.0	25.0				25.0				24.2				22.9				16.0
	18.0	25.0				24.2				23.4				22.2				18.0
	20.0	24.2				23.5				22.6				21.4				20.0
	22.0	23.2				22.7				21.8				20.7				22.0
	24.0	20.9	24.4 m/20.6			21.0	25.7 m/19.0			21.0				19.9				24.0
	26.0	18.5	18.6			18.6	18.6			18.8	27.0 m/17.8			18.8	28.2 m/16.6			26.0
	30.0	29.9 m/11.3	15.2			15.1	15.1			15.3	15.1			15.2	15.0			30.0
	34.0		12.8	37.1 m/11.4		32.8 m/10.6	12.7			12.1	12.7			12.8	12.6			34.0
	38.0		11.1	11.1		11.0	38.9 m/10.7			35.8 m/9.2	11.0	40.6 m/10.0		9.3	10.9			38.0
	42.0		38.9 m/10.8	9.7		41.8 m/9.7	9.6			9.6	9.5			38.7 m/8.7	9.5	42.4 m/9.3		42.0
	46.0			8.6	48.8 m/8.0		8.5			44.7 m/8.8	8.4			8.4	8.3			46.0
	50.0			47.5 m/8.2	7.8		7.6	51.0 m/7.5			7.5	53.1 m/7.0		47.7 m/7.9	7.4			50.0
	54.0				7.0			50.4 m/7.5	6.9			53.4 m/6.9	6.8			6.6	55.3 m/6.4	54.0
	58.0				55.5 m/6.7				6.2				6.1			56.3 m/6.3	6.0	58.0
	62.0								58.5 m/6.1				61.4 m/5.6				5.4	62.0
	66.0																64.4 m/5.1	66.0
	Reeves	2				2				2				2				Reeves

Working Radius (m)	Tower length (m)	51.9																Tower length (m)
	Jib length (m)	39.6				42.7				45.7								Jib length (m)
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°					Tower angle
	14.0	14.1 m/22.0				14.9 m/20.0				15.7 m/17.4								14.0
	16.0	21.4				19.7				17.4								16.0
	18.0	20.8				19.2				16.9								18.0
	20.0	20.2				18.6				16.4								20.0
	22.0	19.6				18.1				16.0								22.0
	24.0	19.0				17.5				15.5								24.0
	26.0	18.3	29.5 m/15.4			17.0				15.0								26.0
	30.0	15.2	14.9			15.2	30.8 m/14.4			14.1	32.1 m/13.4							30.0
	34.0	12.8	12.5			12.8	12.4			12.6	12.3							34.0
	38.0	10.8	10.8			10.8	10.6			10.6	10.5							38.0
	42.0	41.7 m/7.7	9.4	44.1 m/8.7		8.9	9.2	45.9 m/7.9		8.9	9.0							42.0
	46.0		8.2	8.1		44.6 m/6.8	8.0	7.9		7.1	7.8	47.6 m/7.4						46.0
	50.0		7.2	7.2			7.0	7.0		47.5 m/6.1	6.8	6.8						50.0
	54.0		50.6 m/7.1	6.4	57.4 m/5.9		53.6 m/6.2	6.2			6.0	6.0						54.0
	58.0			5.8	5.8			5.6	59.6 m/5.3		56.5 m/5.6	5.4	61.7 m/4.8					58.0
	62.0			59.3 m/5.6	5.2			5.2	5.0			5.0	4.8					62.0
	66.0				4.8			62.2 m/5.2	4.6			65.2 m/4.6	4.4					66.0
	70.0				67.3 m/4.6				4.2				4.0					70.0
	74.0								70.2 m/4.2				73.2 m/3.7					74.0
	Reeves	2				2				2								Reeves

Note:  
Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc. Ratings shown in  are determined by the strength of the tower or other structural components. Refer to notes P21 and P22.

54.9 m Tower Length	Tower length (m)	54.9																Tower length (m)
	Jib length (m)	27.4				30.5				33.5				36.6				Jib length (m)
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle
	10.0	10.9 m/25.0				11.7 m/25.0												10.0
	12.0	25.0				25.0				12.5 m/25.0				13.3 m/23.9				12.0
	14.0	25.0				25.0				25.0				23.6				14.0
	16.0	25.0				25.0				24.2				22.9				16.0
	18.0	25.0				24.2				23.4				22.2				18.0
	20.0	24.2				23.5				22.6				21.4				20.0
	22.0	23.2				22.7				21.7				20.7				22.0
	24.0	20.9	24.9 m/20.0			21.0				21.0				19.9				24.0
	26.0	18.5	18.6			18.6	26.2 m/18.6			18.8	27.5 m/17.2			18.8	28.8 m/16.2			26.0
	30.0	29.9 m/11.3	15.2			15.1	15.1			15.3	15.1			15.2	15.0			30.0
	34.0		12.8			32.8 m/10.6	12.7			12.2	12.7			12.8	12.6			34.0
	38.0		11.1	38.2 m/11.0		11.0	39.9 m/10.3			35.8 m/9.3	11.0	41.7 m/9.6		9.3	10.9			38.0
	42.0		39.4 m/10.6	9.7			9.5	9.6			9.6	9.5		38.7 m/8.7	9.5	43.4 m/9.0		42.0
	46.0			8.6			42.3 m/9.5	8.5			45.3 m/8.6	8.4			8.4	8.3		46.0
	50.0			48.5 m/8.1	50.3 m/7.7			7.6	52.5 m/7.2			7.5			48.2 m/7.8	7.4		50.0
	54.0				7.0			51.5 m/7.3	6.9			6.8	54.6 m/6.7			6.6	56.8 m/6.1	54.0
	58.0				57.0 m/6.4				6.1			54.4 m/6.7	6.0			57.4 m/6.0	5.9	58.0
	62.0								60.0 m/5.8				5.4				5.3	62.0
	66.0												62.9 m/5.3				65.9 m/4.9	66.0
	Reeves	2				2				2				2				Reeves

HYDRAULIC CRAWLER CRANE  
7250

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

54.9 m Tower Length	Tower length (m)		54.9																Tower length (m)	
	Jib length (m)		39.6				42.7				45.7				48.8				Jib length (m)	
	Tower angle		90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle	
	14.0	14.1 m/22.0					14.9 m/20.0				15.7 m/17.4					16.5 m/15.4			14.0	
	16.0	21.4					19.7				17.4								16.0	
	18.0	20.8					19.2				16.9					15.0			18.0	
	20.0	20.2					18.6				16.4					14.6			20.0	
	22.0	19.6					18.1				16.0					14.2			22.0	
	24.0	19.0					17.5				15.5					13.7			24.0	
	26.0	18.3					17.0				15.0					13.3			26.0	
Working Radius (m)	30.0	15.2	30.1 m/14.9				15.2	31.4 m/14.1			14.1	32.6 m/13.4			12.5	33.9 m/12.1			30.0	
	34.0	12.8	12.5				12.8	12.4			12.6	12.3			11.6	12.1			34.0	
	38.0	10.8	10.8				10.8	10.6			10.6	10.5			10.1	10.2			38.0	
	42.0	41.7 m/7.9	9.4	45.2 m/8.3			8.8	9.2			8.8	9.0			8.6	8.7			42.0	
	46.0		8.2	8.1			44.6 m/6.9	8.0	46.9 m/7.7		7.1	7.8	48.7 m/7.1		7.3	7.6			46.0	
	50.0		7.2	7.2				7.0	7.0		47.5 m/6.1	6.8	6.8		5.6	6.6	50.4 m/6.5		50.0	
	54.0		51.2 m/6.9	6.4				6.2	6.2			6.0	6.0		50.5 m/5.3	5.8	5.8		54.0	
	58.0			5.8	58.9 m/5.7			54.1 m/6.2	5.6	61.1 m/5.1		57.0 m/5.5	5.4			5.2	5.2		58.0	
	62.0			60.3 m/5.6	5.2				5.2	5.0			5.0	63.3 m/4.7		60.0 m/5.0	4.8	65.4 m/4.3	62.0	
	66.0				4.8				63.3 m/5.0	4.6			4.6	4.4			4.4	4.2	66.0	
70.0				68.8 m/4.5					4.2			66.2 m/4.6	4.0			69.1 m/4.1	3.8	70.0		
74.0									71.8 m/4.0				3.6				3.4	74.0		
78.0													74.7 m/3.5				77.7 m/3.0	78.0		
Reeves		2				2				2				2				Reeves		

58.0 m Tower Length	Tower length (m)		58.0																		Tower length (m)			
	Jib length (m)		27.4				30.5				33.5				36.6				39.6				Jib length (m)	
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle		
Working Radius (m)	10.0	10.9m/25.0				11.7m/25.0				12.5m/25.0				13.3m/23.9									10.0	
	12.0	25.0				25.0				25.0				23.6				14.1m/22.0					12.0	
	14.0	25.0				25.0				24.2				22.9				21.4					14.0	
	16.0	25.0				25.0				24.2				22.2				20.8					16.0	
	18.0	24.9				24.2				23.4				22.2				20.2					18.0	
	20.0	24.0				23.5				22.6				21.4				20.2					20.0	
	22.0	23.0				22.7				21.7				20.7				19.6					22.0	
	24.0	20.7	25.4m/19.4			21.0				21.0				19.9				19.0					24.0	
	26.0	18.3	18.6			18.6	26.7m/18.1			18.8	28.0m/16.7			18.8	29.3m/15.7			18.3					26.0	
	30.0	29.9m/11.3	15.2			15.1	15.1			15.3	15.1			15.2	15.0			15.2	30.6m/14.8				30.0	
	34.0		12.8			32.8m/10.6	12.7			12.2	12.7			12.8	12.6			12.8	12.5				34.0	
	38.0		11.1	39.7m/10.6		11.0	41.0m/10.0			35.8m/9.3	11.0			9.5	10.9			10.7	10.8				38.0	
	42.0		39.9m/10.4	9.7		9.5	9.6			9.6	42.7m/9.2			38.7m/8.9	9.5	44.5m/8.7		41.7m/7.9	9.4				42.0	
	46.0			8.6		42.9m/9.3	8.5			45.8m/8.5	8.4			8.4	8.3			8.2	46.2m/8.1				46.0	
	50.0			49.6m/7.9	51.8m/7.4		7.6			7.5				48.7m/7.7	7.4			7.2	7.2				50.0	
	54.0				7.0			52.5m/7.2	6.9		6.8	56.2m/6.4			6.6			51.7m/6.8	6.4				54.0	
	58.0				6.2				6.1		55.5m/6.5	6.0			6.0	58.3m/5.8			5.8	60.5m/5.3			58.0	
	62.0				58.6m/6.1				61.5m/5.6			5.4		58.4m/5.9	5.3			61.3m/5.4	5.1				62.0	
	66.0										64.5m/5.0					4.8				4.6				66.0
	70.0															67.4m/4.6				4.2			70.0	
	72.0																			70.3m/4.2				72.0
		Reeves		2			2				2				2				2					Reeves

Tower length (m)		58.0															Tower length (m)	
Jib length (m)		42.7				45.7				48.8				51.8			Jib length (m)	
Tower angle		90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	Tower angle	
Working Radius (m)	14.0	14.9 m/20.0				15.7 m/17.4											14.0	
	16.0	19.7				17.4				16.5 m/15.4				17.2 m/13.9			16.0	
	18.0	19.2				16.9				15.0				13.7			18.0	
	20.0	18.6				16.4				14.6				13.3			20.0	
	22.0	18.1				16.0				14.2				12.8			22.0	
	24.0	17.5				15.5				13.7				12.4			24.0	
	26.0	17.0				15.0				13.3				12.0			26.0	
	30.0	15.2	31.9 m/13.7			14.1	33.2 m/12.7			12.5				11.2			30.0	
	34.0	12.8	12.4			12.6	12.3			11.6	34.5 m/11.8			10.4	35.7 m/10.6		34.0	
	38.0	10.8	10.6			10.6	10.5			10.1	10.2			9.1	9.7		38.0	
	42.0	8.8	9.2			8.8	9.0			8.6	8.7			7.9	8.4		42.0	
	46.0	44.6 m/7.0	8.0	48.0 m/7.4		7.1	7.8	49.7 m/6.9		7.3	7.6			6.9	7.3		46.0	
	50.0		7.0	7.0		47.5 m/6.1	6.8	6.8		5.6	6.6	51.5 m/6.3		5.9	6.4	53.2 m/5.7	50.0	
	54.0		6.2	6.2			6.0	6.0		50.5 m/5.3	5.8	5.8		53.4 m/4.9	5.6	5.6	54.0	
	58.0		54.6 m/6.1	5.6			57.6 m/5.4	5.4			5.2	5.2			5.0	5.0	58.0	
	62.0			5.2	62.6 m/4.8			5.0	64.8 m/4.3		60.5 m/4.9	4.8			4.6	4.6	62.0	
	66.0				64.3 m/4.8	4.4			4.6	4.2			4.4	66.9 m/3.9		63.5 m/4.3	4.2	66.0
70.0				4.0			67.2 m/4.4	3.8				4.0	3.6			3.8	70.0	
74.0				73.3 m/3.6				3.4				70.2 m/4.0	3.2			73.1 m/3.5	74.0	
78.0								76.2 m/3.2					2.8				78.0	
80.0													79.2 m/2.7				80.0	
Reeves		2				2				2				2				Reeves

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.

Ratings shown in   are determined by the strength of the tower or other structural components. Refer to notes P21 and P22.

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

61.0 m Tower Length	Tower length (m)		61.0																Tower length (m)					
	Jib length (m)		27.4				30.5				33.5				36.6				39.6				Jib length (m)	
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle		
Working Radius (m)	10.0	10.9m/25.0				11.7m/25.0																	10.0	
	12.0	25.0				25.0				12.5m/25.0				13.3m/23.9									12.0	
	14.0	25.0				25.0				25.0				23.6				14.1m/22.0					14.0	
	16.0	24.6				24.6				24.0				22.9				21.4					16.0	
	18.0	23.7				23.7				23.0				22.2				20.8					18.0	
	20.0	22.9				22.7				22.0				21.4				20.2					20.0	
	22.0	21.5				21.5				21.0				20.7				19.6					22.0	
	24.0	20.0				20.0				20.0				19.9				19.0					24.0	
	26.0	18.3	18.6			18.6	27.3m/17.4			18.8	28.5m/16.4			18.8	29.8m/15.2			18.3					26.0	
	30.0	29.9m/11.3	15.2			15.1	15.1			15.3	15.1			15.2	15.0			15.2	31.1m/14.3				30.0	
	34.0		12.8			12.7				12.3	12.7			12.8	12.6			12.8	12.5				34.0	
	38.0		11.1	40.3m/10.3		11.0				35.8m/9.4	11.0			9.5	10.9			10.7	10.8				38.0	
	42.0		40.4m/10.2	9.7		9.5	9.6			9.6	43.8m/8.8			38.7m/8.9	9.5	45.5m/8.4		41.7m/7.9	9.4				42.0	
	46.0			8.6		43.4m/9.2	8.5			8.4	8.4			8.4	8.3			8.2	47.3m/7.8				46.0	
	50.0			7.8	53.4m/6.8		7.6			46.3m/8.4	7.5			49.3m/7.5	7.4			7.2	7.2				50.0	
	54.0			50.6m/7.7	6.7		53.6m/6.9	55.5m/6.4			6.7	57.7m/5.7			6.6			52.2m/6.8	6.4				54.0	
	58.0				6.1			6.0			56.5m/6.3	5.7			6.0	59.8m/5.3			5.8				58.0	
	62.0				60.1m/5.8			5.4				5.2			59.4m/5.8	5.1			5.4	4.9			62.0	
	66.0							63.0m/5.2				4.8				4.7			62.4m/5.3	4.5			66.0	
	70.0															68.9m/4.3				3.9			70.0	
	74.0																			71.9m/3.6			74.0	
	Reeves		2				2				2				2				2				Reeves	

61.0 m Tower Length	Tower length (m)		61.0																Tower length (m)	
	Jib length (m)		42.7				45.7				48.8				51.8				Jib length (m)	
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	Tower angle			
Working Radius (m)	14.0	14.9 m/20.0				15.7 m/17.4											14.0			
	16.0	19.7				17.4				16.5 m/15.4				17.2 m/13.9			16.0			
	18.0	19.2				16.9				15.0				13.7			18.0			
	20.0	18.6				16.4				14.6				13.3			20.0			
	22.0	18.1				16.0				14.2				12.8			22.0			
	24.0	17.5				15.5				13.7				12.4			24.0			
	26.0	17.0				15.0				13.3				12.0			26.0			
	30.0	15.2	32.4 m/13.5			14.1	33.7 m/12.6			12.5				11.2			30.0			
	34.0	12.8	12.4			12.6	12.3			11.6	35.0 m/11.4			10.4	36.3 m/9.7		34.0			
	38.0	10.8	10.6			10.4	10.5			9.9	10.1			9.1	9.3		38.0			
	42.0	8.9	9.2			8.7	9.0			8.5	8.6			7.9	8.2		42.0			
	46.0	44.6 m/6.9	8.0	49.0 m/7.2		7.2	7.8			7.3	7.5			6.9	7.1		46.0			
	50.0		7.0	7.0		47.5 m/6.2	6.8	50.8 m/6.7		5.6	6.5	52.5 m/6.0		5.8	6.2		50.0			
	54.0		6.2	6.2			6.0	6.0		50.5 m/5.3	5.7	5.7		53.4 m/4.9	5.4	54.2 m/5.3	54.0			
	58.0		55.2 m/5.9	5.6			5.4	5.4			5.1	5.1			4.8	4.8	58.0			
	62.0			5.2	64.1 m/4.0		58.1 m/5.4	5.0			61.0 m/4.7	4.7			4.4	4.4	62.0			
	66.0			65.3 m/4.9	4.0			4.6	66.3 m/3.7			4.3			64.0 m/4.1	4.0	66.0			
	70.0				3.6			68.3 m/4.3	3.3			3.9	3.1			3.6	70.0			
	74.0				3.2				2.9			71.2 m/3.8	2.7			3.2	74.0			
	78.0					74.8 m/3.1				77.8 m/2.5				2.3		74.2 m/3.2	78.0			
	Reeves		2				2				2				2			Reeves		

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.

Ratings shown in   are determined by the strength of the tower or other structural components.

Refer to notes P21 and P22.

# HYDRAULIC CRAWLER CRANE

## 7250

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

64.1 m Tower Length	Tower length (m)		64.1																				Tower length (m)	
	Jib length (m)		27.4				30.5 m				33.5				36.6				39.6				Jib length (m)	
	Tower angle	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	90°	80°	70°	60°	Tower angle		
Working Radius (m)	10.0	10.9m/25.0				11.7m/25.0																	10.0	
	12.0	25.0				25.0				12.5m/24.8				13.3m/23.9									12.0	
	14.0	24.3				24.3				24.3				23.6				14.1m/22.0					14.0	
	16.0	23.6				23.6				23.6				22.9				21.4					16.0	
	18.0	22.9				22.9				22.9				22.2				20.8					18.0	
	20.0	22.2				22.2				22.0				21.4				20.2					20.0	
	22.0	21.5				21.5				21.0				20.7				19.6					22.0	
	24.0	20.0				20.0				20.0				19.9				19.0					24.0	
	26.0	18.3	26.5m/18.3			18.6	27.8m/15.9			18.8	29.1m/15.9			18.8				18.3					26.0	
	30.0	29.9m/11.3	15.2			15.1	15.1			15.3	15.1			15.2	30.4m/14.9			15.2	31.7m/13.9				30.0	
	34.0		12.8			12.7	32.8m/10.6	12.7		12.3	12.7			12.8	12.6			12.8	12.5				34.0	
	38.0		11.1	41.3m/9.9		11.0				35.8m/9.4	11.0			9.5	10.9			10.7	10.8				38.0	
	42.0		41.0m/10.0	9.7		9.5	43.1m/9.3			9.6	44.8m/8.7			38.7m/8.9	9.5			41.7m/7.9	9.4				42.0	
	46.0			8.6		8.5	43.9m/9.0	8.5		8.4	8.4			8.4	46.5m/8.1			8.2	48.3m/7.6				46.0	
	50.0			7.8		7.6				46.9m/8.2	7.5			49.8m/7.4	7.4			7.2	7.2				50.0	
	54.0			51.7m/7.4	54.9m/6.0		6.9	57.1m/5.4		6.7					6.6			52.7m/6.6	6.4				54.0	
	58.0				5.7		54.6m/6.7	5.3		57.5m/6.2	59.2m/4.9			6.0	61.4m/4.5			5.8					58.0	
	62.0				61.6m/5.3			4.9			4.6			60.5m/5.6	4.4			5.4	63.5m/4.0				62.0	
	66.0							64.6m/4.6			4.2				4.0			63.4m/5.3	3.8				66.0	
	70.0										67.5m/4.0							3.6			3.4		70.0	
	74.0																	70.5m/3.5			73.4m/3.0		74.0	
	Reeves	2				2				2				2				2				Reeves		

64.1 m Tower Length	Tower length (m)		64.1																Tower length (m)	
	Jib length (m)		42.7				45.7				48.8				51.8				Jib length (m)	
	Tower angle	90°	80°	70°	60°	90°	80°	70°	90°	80°	70°	90°	80°	70°	90°	80°	70°	Tower angle		
Working Radius (m)	14.0	14.9 m/20.0				15.7 m/17.4												14.0		
	16.0	19.7				17.4			16.5 m/15.4			17.2 m/13.9					16.0			
	18.0	19.2				16.9			15.0			13.7					18.0			
	20.0	18.6				16.4			14.6			13.3					20.0			
	22.0	18.1				16.0			14.2			12.8					22.0			
	24.0	17.5				15.5			13.7			12.4					24.0			
	26.0	17.0				15.0			13.3			11.9					26.0			
	30.0	15.2	32.9 m/13.3			14.1			12.5			11.1					30.0			
	34.0	12.8	12.4			12.6	34.2 m/12.3		11.6	35.5 m/11.4		10.4	36.8 m/9.2				34.0			
	38.0	10.8	10.6			10.4	10.5		9.9	10.1		9.1	9.0				38.0			
	42.0	8.8	9.2			8.7	9.0		8.5	8.6		7.9	7.9				42.0			
	46.0	44.6 m/6.9	8.0			7.1	7.8		7.1	7.5		6.8	6.8				46.0			
	50.0		7.0	7.0		47.5 m/6.2	6.8	51.8 m/6.4	5.6	6.5	53.5 m/5.8	5.6	5.9				50.0			
	54.0		6.1	6.2			6.0	6.0	50.5 m/5.3	5.7	5.7	53.4 m/4.5	5.1	55.3 m/4.9			54.0			
	58.0		55.7 m/5.8	5.6			5.4	5.4		5.1	5.1		4.5	4.5			58.0			
	62.0			5.2			58.6 m/5.3	5.0		61.6 m/4.7	4.7		4.1	4.1			62.0			
	66.0			4.8	3.4			4.6			4.3		64.5 m/3.7	3.7			66.0			
70.0			66.4 m/4.7	3.2			69.3 m/4.3			3.9			3.3			70.0				
74.0				2.8						72.3 m/3.7			3.0			74.0				
78.0													75.2 m/2.9			78.0				
Reeves	2				2				2				2				Reeves			

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes and Japanese Safety Ordinance on Cranes, etc.

Ratings shown in   are determined by the strength of the tower or other structural components.

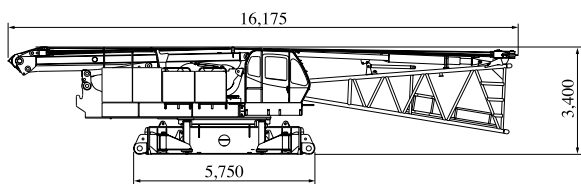
Refer to notes P21 and P22.

## PARTS AND ATTACHMENTS

### Base Machine

With boom base, carbody, gantry, trans-lifter, lower spreader, and upper spreader, main and aux. winches (non free-fall) including wire rope and boom hoist winch including wire rope

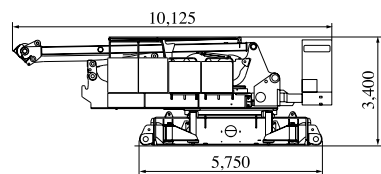
Weight: 44,500 kg Width: 3,400 mm



### Base Machine

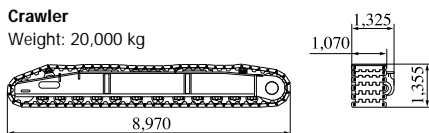
With carbody, gantry, trans-lifter, main and aux. winches (non free-fall) and boom hoist winch  
Without lower spreader, wire rope for boom hoist, and wire rope for main and aux. hoist

Weight: 37,300 kg Width: 3,200 mm



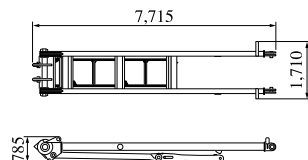
### Crawler

Weight: 20,000 kg

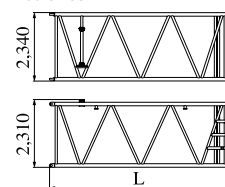


### Gantry

Weight: 2,830 kg



### Insert Boom

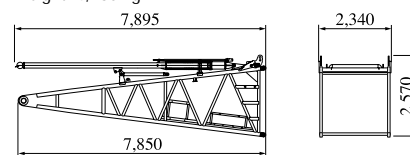


	L (mm)	Weight (kg)*
3.0m	3,175	890
6.1m	6,220	1,440
12.2m	12,320	2,540

\*with boom guy cables

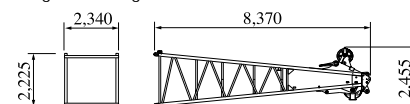
### Boom Base (with backstop)

Weight: 4,180 kg



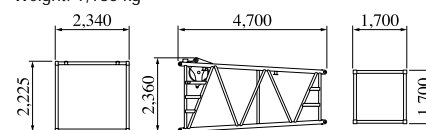
### Boom Top

Weight: 3,860 kg



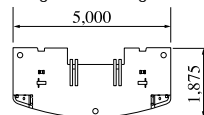
### Insert Tapered Boom

Weight: 1,160 kg



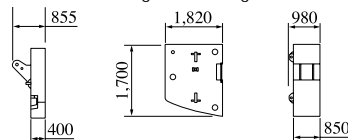
### Counterweight A

Weight: 13,500 kg



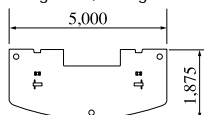
### Counterweight E, E'

Weight: 11,000 kg



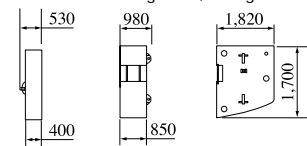
### Counterweight B, C, D

Weight: 13,200 kg



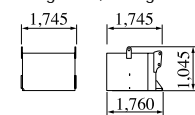
### Counterweight F, F'

Weight: 11,000 kg



### Carbodyweight

Weight: 10,000 kg x 2

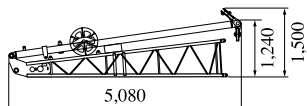


## HYDRAULIC CRAWLER CRANE 7/250

Dimensions: mm Weight: kg

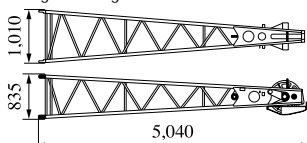
### Jib Base with Strut (For Crane)

Weight: 510 kg Width: 1,040 mm



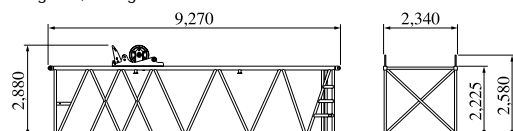
### Jib Top (For Crane)

Weight: 315 kg



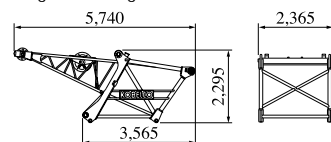
### 9.1 m Special Insert Boom for Tower

Weight: 2,200 kg

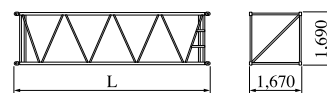


### Tower Cap

Weight: 2,310 kg



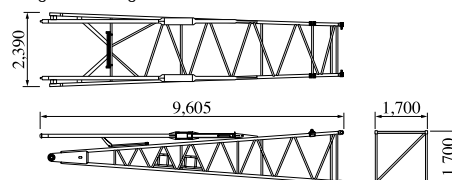
### Insert Tower Jib



	L (mm)	Weight (kg)
3.0 m	3,160	320
6.1 m	6,210	530
9.1 m	9,260	740

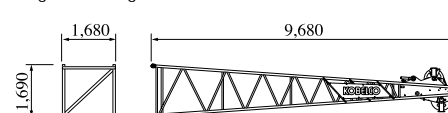
### Tower Jib Base

Weight: 1,710 kg



### Tower Jib Top

Weight: 1,120 kg

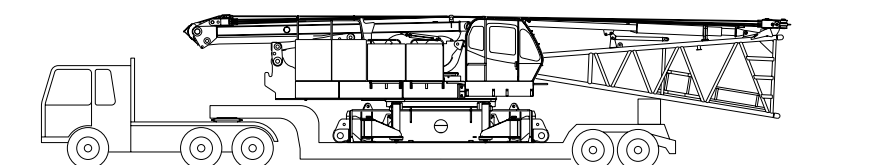


## Other Attachments

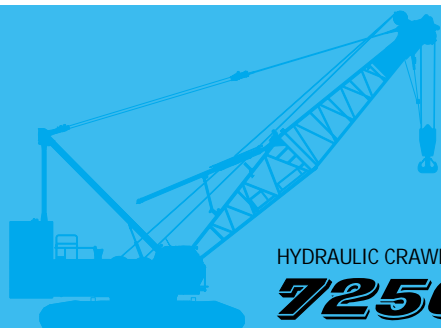
Attachments	Weight	Dimensions (L x W x H)
3.0 m insert jib (for crane)	110 kg	3,130 mm x 1,020 mm x 840 mm
6.1 m insert jib (for crane)	190 kg	6,175 mm x 1,020 mm x 840 mm
Relay jib	400 kg (with guy cables)	3,170 mm x 1,670 mm x 1,690 mm
Trans-lifter	395 kg	1,145 mm x 400 mm x 1,390 mm
Upper spreader	670 kg	2,410 mm x 250 mm x 890 mm
Lower spreader	400 kg	1,500 mm x 290 mm x 760 mm
Tower strut	2,190 kg	7,165 mm x 1,150 mm x 2,430 mm
Upper spreader for tower jib	260 kg	1,020 mm x 335 mm x 765 mm
Lower spreader for tower jib	490 kg	2,330 mm x 705 mm x 1,090 mm
250-ton hook	4,200 kg	2,310 mm x 1,620 mm x 720 mm
150-ton hook	2,300 kg	715 mm x 700 mm x 2,250 mm
70-ton hook	1,200 kg	380 mm x 700 mm x 1,825 mm
35-ton hook	900 kg	365 mm x 700 mm x 1,575 mm
Ball hook	450 kg	1,200 mm x 380 mm dia.

Note: Estimated weights may vary  $\pm$  2%.

## Transportation of Base Machine



1. Rest the lower boom on the wooden block.
2. This transportation plan depends on specifications of your trailer and the areas or countries where you transport.



HYDRAULIC CRAWLER CRANE

**7250****Standard Equipment****Upper structure/Lower structure**

Counterweight: 97.1 ton (total weight)  
 Carbody weight: 20.0 ton (total weight)  
 1,070 mm shoe crawlers  
 Batteries (136Ah/5HR)  
 Trans-lifter (jack system)  
 Gantry raising/lowering cylinder (with storage chain)  
 Electric hand throttle grip  
 Variable boom hoist speed controller  
 Variable main/aux. hoist speed controller  
 Swing neutral-free/brake select switch  
 Side deck for cab  
 Steps (crawlers)  
 Two front working lights  
 Two rear view mirrors  
 Tools (for routine maintenance)  
 Boom connect pin holder  
 Cable roller (for boom)  
 Upper spreader storage guide  
 Level gauge (carbody)

**Cab Control**

Air conditioner  
 Luggage box  
 Cup holder  
 Ashtray  
 Cigar lighter  
 Intermittent wiper & window washer (skylight and front window)  
 Sun visor  
 Roof blind  
 Floor mat (cloth)  
 Foot rest  
 Shoe tray

**Safety Device**

Load Moment Indicator (with boom lowering slow stop function)  
 LMI release key (for hook over-hoist prevention device and boom over-hoist prevention device)  
 LCD multi display  
 Ultimate stop function for boom over-hoist  
 Function lock lever  
 Propel lever lock  
 Mechanical drum lock pawl (main, aux. and boom hoist)  
 Signal horn  
 Swing parking brake  
 Mechanical swing lock pin (four positions)  
 Swing flashers/warning buzzer

**Bigge Crane and Rigging Co.**

10700 Bigge Avenue  
 San Leandro, CA 94577  
 Phone: (888) 337-BIGGE or (510) 638-8100  
 Fax: (510) 639-4053  
 Email: info@bigge.com  
 Web site: www.bigge.com

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**KOBELCO CRANES CO., LTD.**

17-1, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-8626 JAPAN  
 Tel: +81-3-5789-2130 Fax: +81-3-5789-3372

Inquiries To:

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