

Hydraulic Crawler Crane

CKE

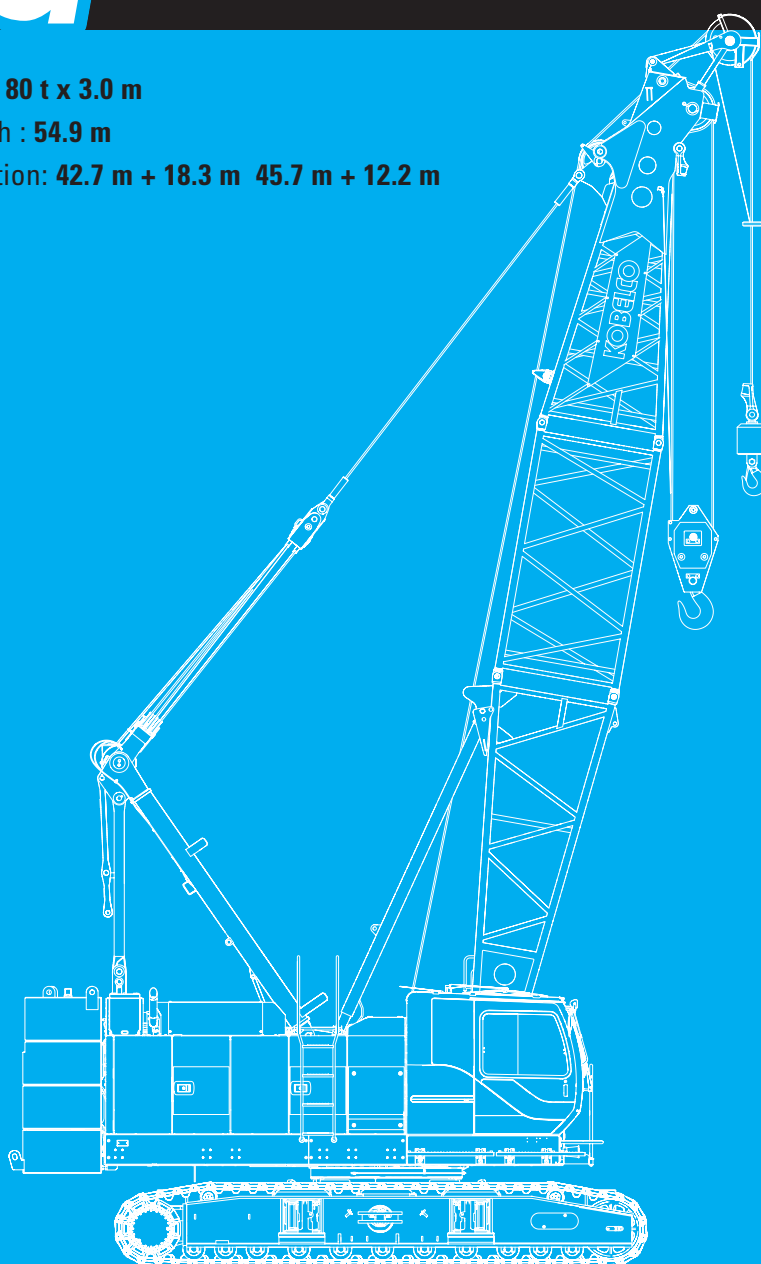
800G

Model : CKE800G

Max. Lifting Capacities : 80 t x 3.0 m

Max. Crane Boom Length : 54.9 m

Max. Fixed Jib Combination: 42.7 m + 18.3 m 45.7 m + 12.2 m



KOBELCO



CKE800G

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SPECIFICATIONS



Power Plant

Model: HINO J08E-UV

Type: 4 cycle, water-cooled, vertical in-line 6, direct injection, turbo-charger, intercooler

Complies with NRMM (Europe) Stage IIIB and US EPA Tier Interim Tier 4

Displacement: 7,684 liters

Rated power: 213 kW/2100 min⁻¹ (285 HP/2,100 rpm)

Max. Torque: 1,017 N·m/1,600 min⁻¹

Cooling System: Water-cooled

Starter: 24V-5kW

Radiator: Corrugated type core, thermostatically controlled

Air cleaner: Dry type with replaceable paper element

Throttle: Twist grip type hand throttle, electrically actuated

Fuel filter: Replaceable paper element

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

Fuel tank capacity: 400 liters



Hydraulic System

Main pumps: 3 variable displacement piston pumps

Control: Full-flow hydraulic control system for infinitely variable pressure to all winches, propel and swing. 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

Max. relief valve pressure:

Load hoist, boom hoist and propel system:

4,626 psi (31.9 MPa)

Swing system: 27.5 MPa (3,989 psi)

Control system: 5.4 MPa (783 psi)

Hydraulic Tank Capacity: 440 liters (116.2 US Gal)



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: Single drum, grooved for 16mm dia. wire rope

Line Speed: Single line on first drum layer

Hoisting/Lowering: 70 to 2 m/min

Diameter of wire rope

Main winch: 22 mm x 220 m (7/8 in. x 869 ft.)

Aux. winch: 22 mm x 130 m (7/8 in. x 673 ft.)

Third winch: 22 mm x 145 m (7/8 in. x 476 ft.)

Boom hoisting/lowering: 16 mm x 150 m (5/8 in. x 492 ft.)

Boom guy line: 30 m (1-3/16 in.)

Boom backstops: Required for all boom length



Load Hoisting 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)

Drum Lock: External ratchet for locking drum

Drums:

Front Drums:

550 mm (1 ft 9-21/32 inch) P.C.D x 545 m (1 ft 9-15/32 inch) wide drum, grooved for 22 mm (7/8 inch) wire rope. Rope capacity is 220 m (722 ft) working length and 335 m (1099 ft) storage length.

Rear Drum: 550 mm (1 ft 9-21/32 inch) P.C.D x 545 m (1 ft 9-15/32 inch, grooved for 22 mm (7/8 inch) wire rope. Rope capacity is 130 m (427 ft) working length and 335m (1,099 ft) storage length.

Line Speed: Single line on first drum layer

Hoisting/lowering: 120 to 3 m/min

Line Pull:

Max. Line Pull (Single Line): 153 kN (34,400 lbs)
(Referential performance)

Rated Line Pull: 78.5 kN (17,000 lbs)



Swing System

Swing unit is powered by hydraulic motor driving spur gears through planetary reducers (2 set), 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: 4.0 min⁻¹ (rpm)



Upper Structure

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

Counter weight: 27.2 ton



Cab & Control

Totally enclosed, full vision cab with safety glass, fully adjustable, high backed seat with a headrest 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, footrest, and 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.

Carbodyweight: 6.5 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.

Shoe (flat): 800 mm wide each crawler

Max. gradeability: 40%



Weight

Including upper and lower machine, 27.2 ton counterweight and 6.5 ton carbody weight, basic boom (or basic boom + basic jib), hook, and other accessories.

Weight: 75.1 ton

Ground pressure: 84.7 kPa (10.8 psi)



Attachment

Boom & Jib:

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

Boom and Jib length

	Min. Length (Min. combination)	Max. Length (Min. combination)
Crane Boom	30 m	54.9 m
Fixed jib	30.5 m + 6.1 m	42.7 m + 18.3 m, 45.7 m + 12.2 m

Main Specifications (Model: CKE800G)

Crane Boom	
Max. Lifting Capacity	80 t x 3.0 m
Max. Length	54.9 m
Fixed Jib	
Max. Lifting Capacity	6.6 t x 20.0 m
Max. Combination	42.7 m + 18.3, 45.7 m + 12.2 m
Main & Aux. Winch	
Max. Line Speed (1st layer)	120 m/min
Rated Line Pull (Single line)	78.5 kN {8.0 tf}
Wire Rope Diameter	22 mm x 220 m
Wire Rope Length	220 m (Main), 130 m (Aux.)
Brake Type	Wet-type multiple disc brake (Optional)
Working Speed	
Swing Speed	4.0 min ⁻¹ {rpm}
Travel Speed	1.73/1.15 km/h
Power Plant	
Model	HINO J08E-UV
Engine Output	213 kW/2100 min ⁻¹
Fuel Tank	400 liters

Hydraulic System

Main Pumps	3 variable displacement
Max. Pressure	31.9 Mpa {325 kg/cm ² }
Hydraulic Tank Capacity	440 liters

Self-Removal Device

	Counterweight/crawler self-removal device (Option)
--	--

Weight

Operating Weight	75.1 t ^{*1}
Ground Pressure	84.7 kPa
Counterweight	27,200 kg
Transport Weight	39,850 kg ^{*2}

Units are SI units. { } indicates conventional units.

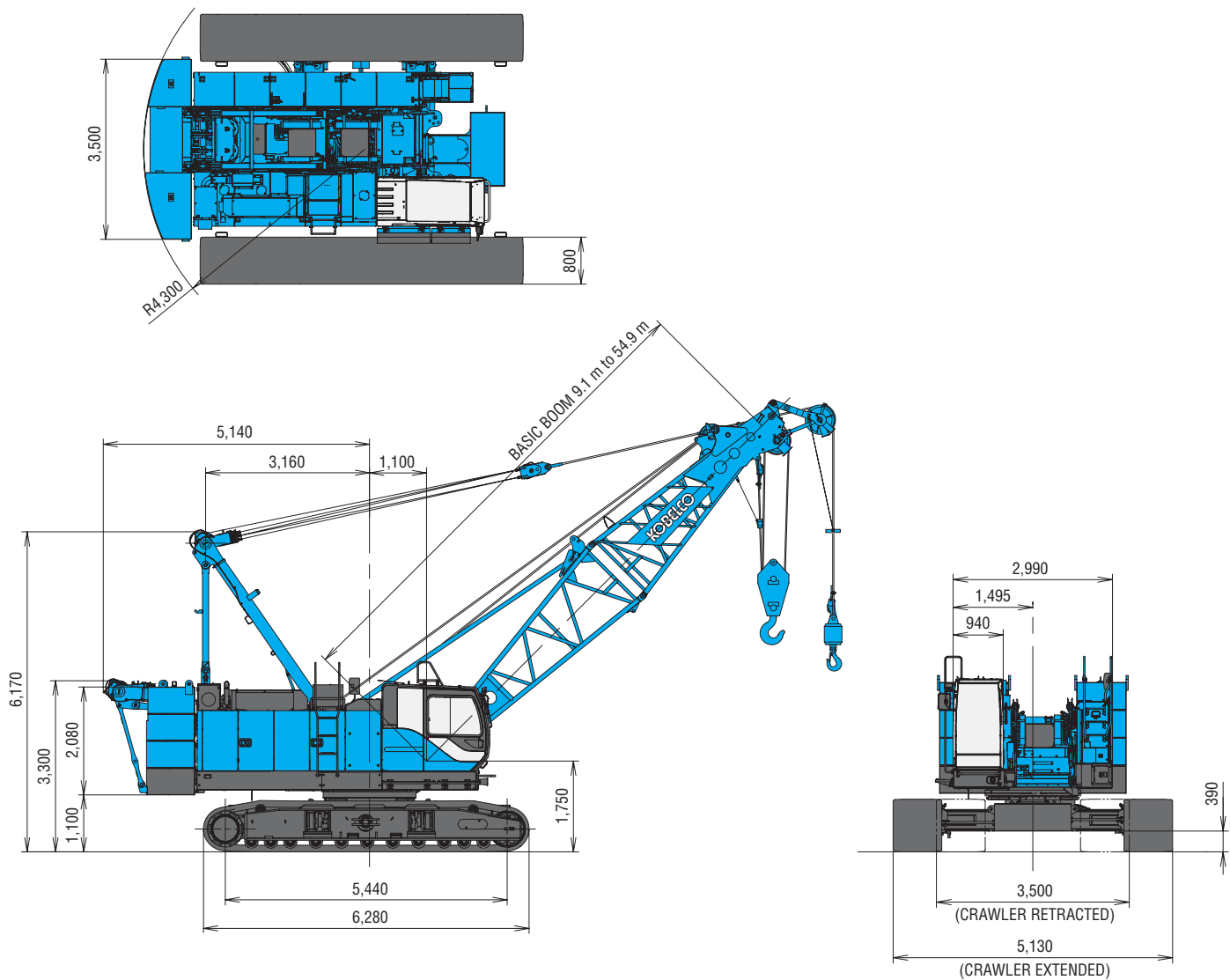
Line speeds in table are for light loads. Line speed varies with load.

^{*1} Including upper and lower machine, 27.2 ton counterweight, 6.5 ton carbody weight, basic boom, hook, and other accessories.

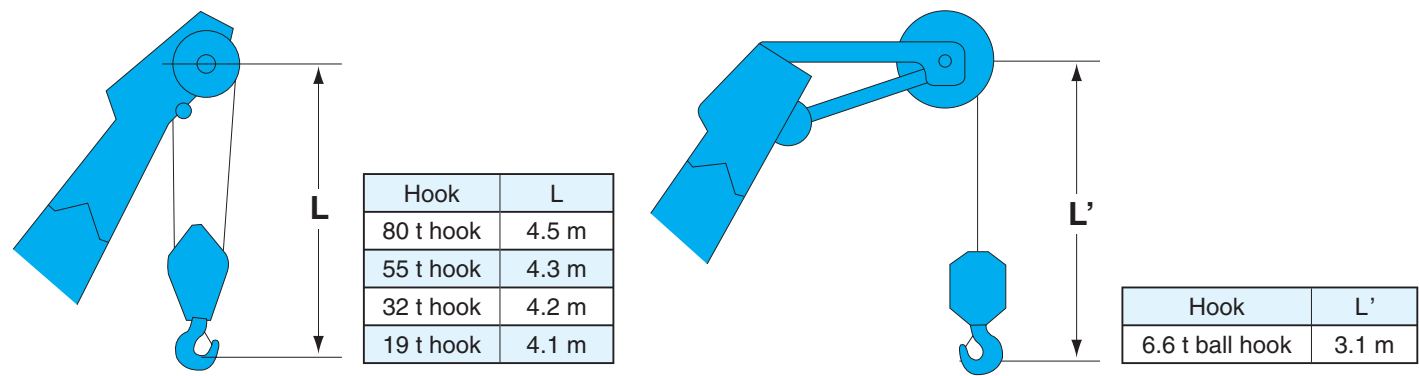
^{*2} Base machine with boom base, gantry, crawlers, and wire ropes (front/boom hoist)

GENERAL DIMENSIONS

(Unit: mm)

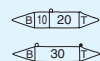
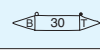
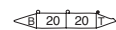
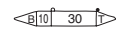
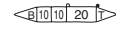
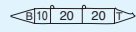
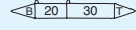
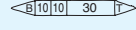
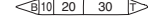
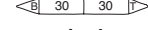
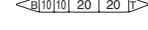
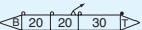
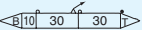
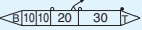
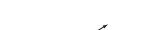
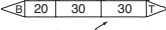
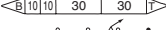
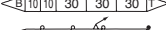
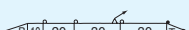
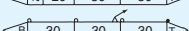


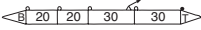
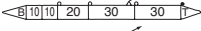
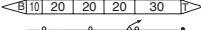
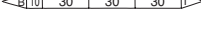
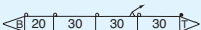
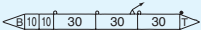
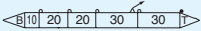
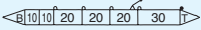
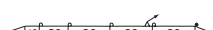
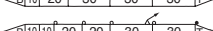
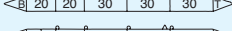
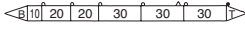
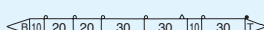
Limit of Hook Lifting



BOOM AND JIB ARRANGEMENTS

Crane Boom Arrangements

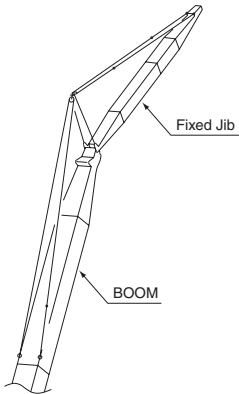
Boom length m (ft)	Boom arrangement
9.1 (30)	
12.2 (40)	
15.2 (50)	
18.3 (60)	 
21.3 (70)	  
24.4 (80)	  
27.4 (90)	  
30.5 (100)	  
33.5 (110)	   
36.6 (120)	  

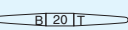
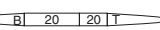
Boom length m (ft)	Boom arrangement
39.6 (130)	   
42.7 (140)	   
45.7 (150)	 
48.8 (160)	 
51.8 (170)	 
54.9 (180)	 

Symbol	Boom Length	Remarks
	5.2 m	Boom Base
	3.9 m	Boom Top
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	6.1 m	Insert Boom with lug
	9.1 m	Insert Boom
	9.1 m	Insert Boom with lug

↗ mark shows the guy line installing position when the fixed jib is used.
indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

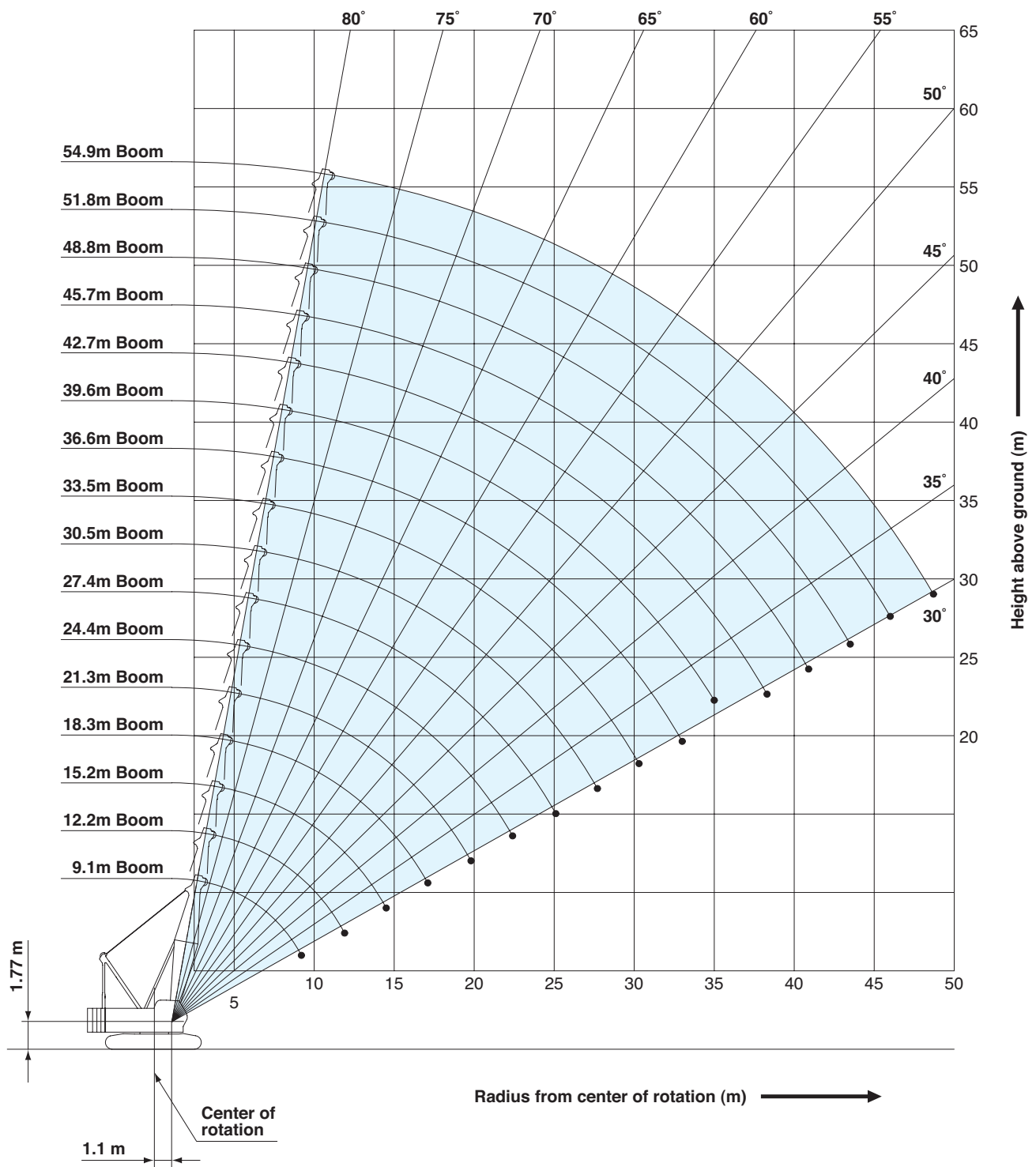
Fixed Jib Arrangements



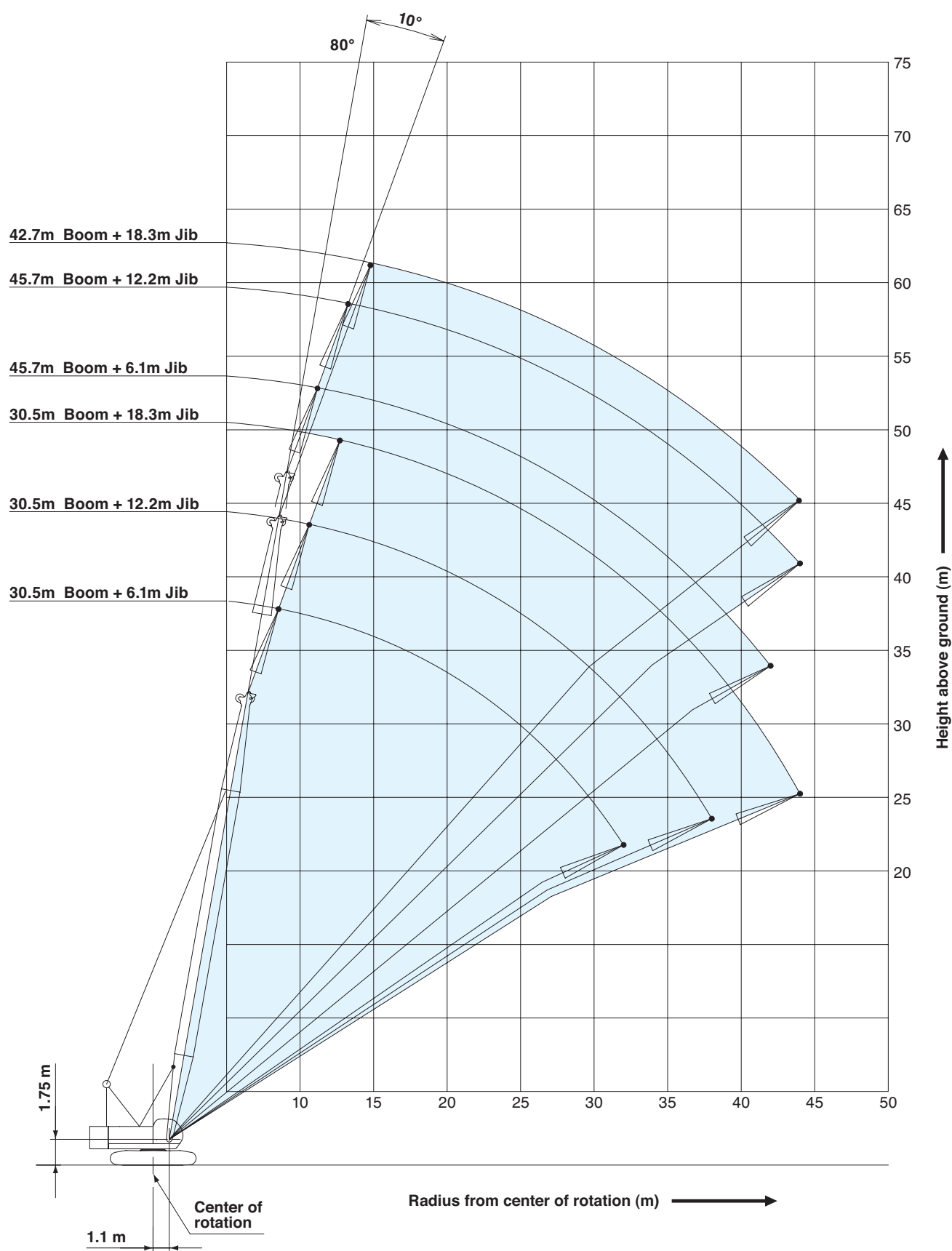
Crane boom length	Jib length m (ft)	Jib arrangement
30.5 m ~ 45.7 m	6.1 (20)	
30.5 m ~ 42.7 m	12.2 (40)	
	18.3 (60)	

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

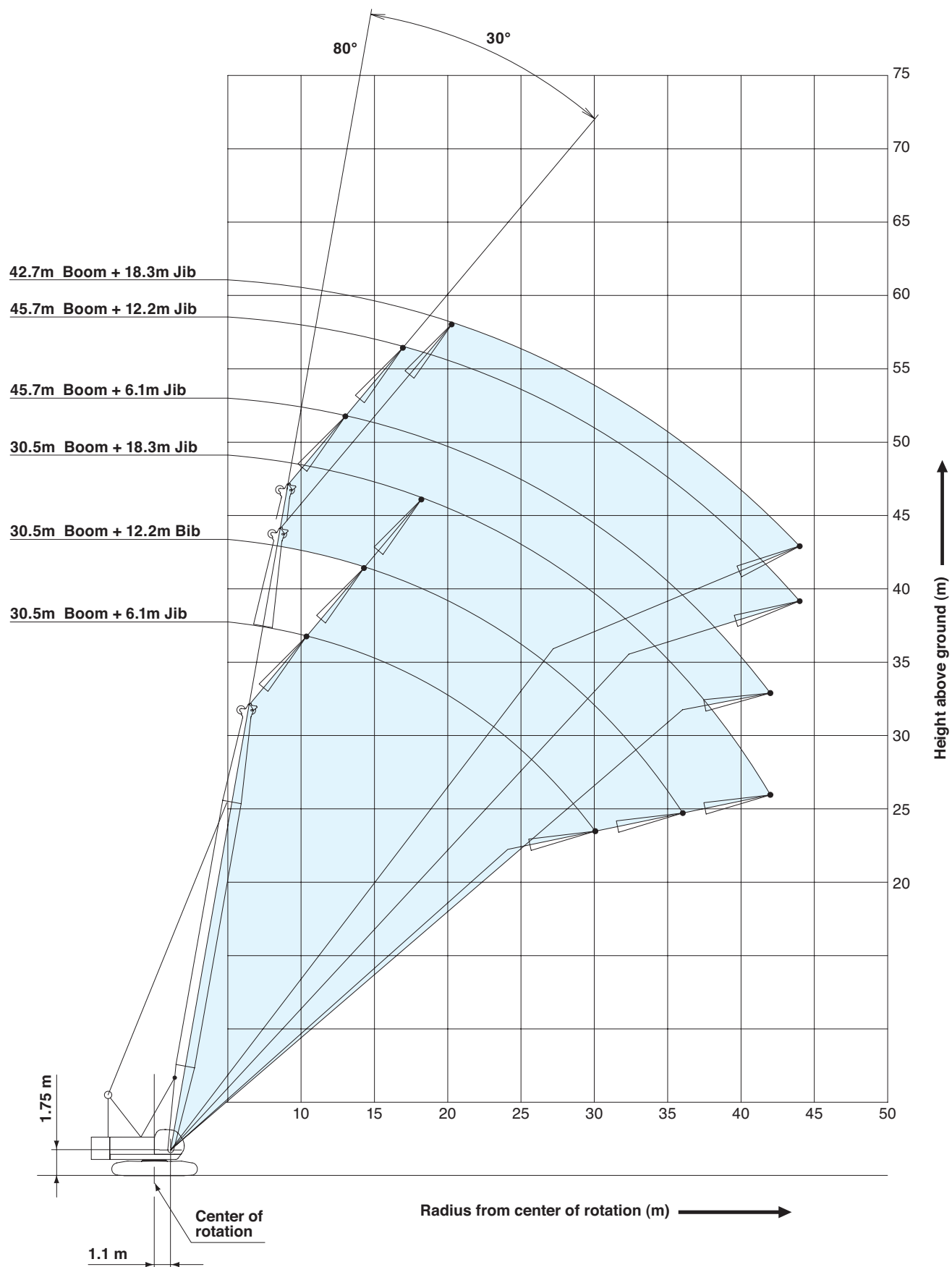
Crane Boom



Fixed Jib 10°



Fixed Jib 30°



- Ratings according to EN13000.
- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
- Deduct weight of hook block (s), slings and all other load handling accessories from main boom ratings shown.
- 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.
The operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
- Ratings are for operation on a firm and level surface, up to 1 % gradient.
- At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
- Boom inserts and guy lines must be arranged as shown in the "operator's manual".
- Boom hoist reeving is 12 part line.
- Gantry must be in raised position for all conditions.
- Boom backstops are required for all boom lengths.
- The boom should be erected over the front of the crawlers, not laterally.
- Ratings inside of boxes  are limited by strength of materials.
- The minimum rated load is 1.1 (ton).
- Crawler frames must be fully extended for all crane operations.
- For the combination of the boom of 54.9 m (180 ft) length and the jib of any length, place blocking steel plates between the ends of the crawlers and the ground.

(Main boom)

- The total load that can be lifted is the value for weight of hook block, slings, and all other load handling accessories deducted from main boom ratings shown.

(Main boom with auxiliary sheave frame)

- The total load that can be lifted is the value for weight of hook block (s), slings, and all other load handling accessories deducted from main boom with auxiliary sheave ratings shown.

(Auxiliary sheave)

- The total load that can be lifted is the value for weight of hook block (s), slings, and all other load handling accessories deducted from auxiliary sheave ratings shown.
- Boom lengths for auxiliary sheave mounting are 9.1 m to 51.8 m.

(Main boom with fixed jib)

- The total load that can be lifted is the value for weight of hook block (s), slings, and all other load handling accessories deducted from main boom with fixed jib ratings shown.
- Only 19 t and 32 t hook block can be used for main hook.

(Fixed jib)

- The total load that can be lifted is the value for weight of hook block (s), slings, and all other load handling accessories deducted from fixed jib ratings shown.
- Boom lengths for fixed jib mounting are 30.5 m to 45.7 m. However, do not install 18.3 m jib to 45.7 m boom.

Main hoist loads

No. of Parts of Line	1	2	3	4	5
Maximum Loads (kN)	78	157	235	314	392
Maximum Loads (t)	8.0	16.0	24.0	32.0	40.0

No. of Parts of Line	6	7	8	9	10
Maximum Loads (kN)	471	549	628	706	785
Maximum Loads (t)	48.0	56.0	64.0	72.0	80.0

Auxiliary hoist loads

No. of Parts of Line	1
Maximum Loads (kN)	78
Maximum Loads (t)	8.0

Weight of hook block					
Hook Block	80 t	50 t	32 t	19 t	6.6 t Ball Hook
Weight (t)	0.8	0.7	0.5	0.4	0.16

Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.

LIFTING CAPACITIES



Crane Boom Lifting Capacities

Counterweight: 27.2 t
Carbody Weight: 6.5 t

Unit: metric ton

Working radius (m) \ Boom Length (m)	9.1	12.2	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	Boom Length (m) \ Working radius (m)
3.0	80.0	3.6m/76.2															3.0
4.0	69.0	72.6	4.2m/69.6	4.7m/59.3													4.0
5.0	57.9	57.7	57.5	55.1	5.2m/50.0	5.7m/42.9											5.0
6.0	47.5	47.3	46.7	44.6	42.6	40.8	6.3m/37.2	6.8m/33.0									6.0
7.0	39.8	39.6	38.9	37.3	35.8	34.5	33.3	32.0	7.3m/29.5	7.9m/26.4							7.0
8.0	32.9	32.7	32.5	32.0	30.9	29.8	28.8	27.8	26.9	26.0	8.4m/24.0						8.0
9.0	26.0	27.8	27.6	27.5	27.0	26.2	25.4	24.5	23.8	23.1	22.4	21.7	9.4m/20.1				9.0
10.0	9.2m/24.5	24.1	23.9	23.8	23.7	23.3	22.6	21.9	21.3	20.6	20.0	19.4	19.0	18.4	10.5m/17.1	11.0m/15.7	10.0
12.0		11.9m/19.3	18.8	18.7	18.6	18.5	18.4	17.9	17.4	16.9	16.5	16.0	15.6	15.1	14.8	14.4	12.0
14.0			15.4	15.3	15.1	15.0	14.9	14.8	14.7	14.2	13.9	13.5	13.2	12.8	12.5	12.1	14.0
16.0			14.5m/14.7	12.9	12.7	12.6	12.5	12.3	12.2	12.1	11.9	11.5	11.3	10.9	10.7	10.4	16.0
18.0				17.1m/11.8	10.9	10.8	10.7	10.5	10.4	10.3	10.2	10.0	9.8	9.4	9.3	9.0	18.0
20.0					19.8m/9.6	9.3	9.2	9.1	9.0	8.8	8.7	8.6	8.5	8.3	8.1	7.8	20.0
22.0						8.2	8.1	7.9	7.8	7.7	7.6	7.5	7.4	7.2	7.1	6.9	22.0
24.0						22.4m/8.0	7.2	7.0	6.9	6.8	6.6	6.5	6.4	6.3	6.2	6.1	24.0
26.0							25.1m/6.8	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.3	26.0
28.0								27.7m/5.7	5.5	5.4	5.2	5.1	5.0	4.9	4.8	4.7	28.0
30.0									4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1	30.0
32.0									30.3m/4.9	4.3	4.2	4.0	3.9	3.8	3.7	3.6	32.0
34.0										33.0m/4.1	3.8	3.6	3.5	3.4	3.3	3.2	34.0
36.0											35.0m/3.5	3.3	3.2	3.0	2.9	2.8	36.0
38.0												2.9	2.8	2.7	2.6	2.5	38.0
40.0												38.3m/2.9	2.6	2.4	2.3	2.2	40.0
42.0													40.9m/2.4	2.1	2.0	1.9	42.0
44.0														43.5m/2.0	1.8	1.7	44.0
46.0															1.6	1.5	46.0
48.0																1.3	48.0
50.0																48.7m/1.2	50.0
Reeves	10	10	9	8	7	6	5	5	4	4	3	3	3	3	3	2	Reeves

Note:

Ratings according to EN13000.

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



Fixed Jib Lifting Capacities

Jib Offset Angle : 10°

Counterweight: 27.2 t

Carbody Weight: 6.5 t

Unit: metric ton

Boom length (m)		30.5			33.5			36.6			Boom length (m)
Jib length (m)		6.1	12.2	18.3	6.1	12.2	18.3	6.1	12.2	18.3	Jib length (m)
Working radius (m)	9.0	6.6			6.6						9.0
	10.0	6.6			6.6			6.6			10.0
	12.0	6.6	6.6	4.5	6.6	6.6		6.6	6.6		12.0
	14.0	6.6	6.6	4.5	6.6	6.6	4.5	6.6	6.6	4.5	14.0
	16.0	6.6	6.6	4.5	6.6	6.6	4.5	6.6	6.6	4.5	16.0
	18.0	6.6	6.6	4.5	6.6	6.6	4.5	6.6	6.6	4.5	18.0
	20.0	6.6	6.6	4.5	6.6	6.6	4.5	6.6	6.6	4.5	20.0
	22.0	6.1	6.4	4.5	6.0	6.2	4.5	5.9	6.2	4.5	22.0
	24.0	5.4	5.6	4.5	5.2	5.5	4.5	5.1	5.4	4.5	24.0
	26.0	4.7	5.0	4.5	4.6	4.8	4.5	4.5	4.8	4.5	26.0
	28.0	4.2	4.4	4.5	4.1	4.3	4.4	4.0	4.2	4.3	28.0
	30.0	3.8	4.0	4.1	3.6	3.8	3.9	3.5	3.7	3.9	30.0
	32.0	3.4	3.6	3.7	3.2	3.4	3.5	3.1	3.3	3.5	32.0
	34.0		3.2	3.3	2.9	3.1	3.2	2.8	3.0	3.1	34.0
	36.0		2.9	3.0	2.6	2.8	2.9	2.5	2.7	2.8	36.0
	38.0		2.6	2.8		2.5	2.6	2.2	2.4	2.5	38.0
	40.0			2.5		2.3	2.4		2.1	2.3	40.0
	42.0			2.3		2.0	2.1		1.9	2.0	42.0
	44.0			2.1			1.9		1.6	1.8	44.0
Reeves		1	1	1	1	1	1	1	1	1	Reeves

Boom length (m)		39.6			42.7			45.7			Boom length (m)
Jib length (m)		6.1	12.2	18.3	6.1	12.2	18.3	6.1	12.2		Jib length (m)
Working radius (m)	10.0	6.6									10.0
	12.0	6.6			6.6			6.6			12.0
	14.0	6.6	6.6	4.5	6.6	6.6	4.5	6.6	6.6		14.0
	16.0	6.6	6.6	4.5	6.6	6.6	4.5	6.6	6.6		16.0
	18.0	6.6	6.6	4.5	6.6	6.6	4.5	6.6	6.6		18.0
	20.0	6.6	6.6	4.5	6.6	6.6	4.5	6.5	6.6		20.0
	22.0	5.8	6.0	4.5	5.7	6.0	4.5	5.6	5.8		22.0
	24.0	5.0	5.3	4.5	4.9	5.2	4.5	4.8	5.1		24.0
	26.0	4.4	4.6	4.5	4.3	4.5	4.5	4.2	4.4		26.0
	28.0	3.9	4.1	4.2	3.8	4.0	4.1	3.6	3.9		28.0
	30.0	3.4	3.6	3.7	3.3	3.5	3.6	3.2	3.4		30.0
	32.0	3.0	3.2	3.3	2.9	3.1	3.2	2.7	3.0		32.0
	34.0	2.6	2.9	3.0	2.5	2.8	2.9	2.3	2.6		34.0
	36.0	2.3	2.5	2.7	2.2	2.4	2.6	2.0	2.2		36.0
	38.0	2.0	2.2	2.4	1.8	2.1	2.2	1.6	1.9		38.0
	40.0	1.7	1.9	2.1	1.6	1.8	2.0	1.4	1.6		40.0
	42.0		1.7	1.8	1.3	1.6	1.7	1.1	1.4		42.0
	44.0		1.4	1.6	1.1	1.3	1.5		1.1		44.0
Reeves		1	1	1	1	1	1	1	1		Reeves

Note:

Ratings according to EN13000.

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

LIFTING CAPACITIES



Fixed Jib Lifting Capacities Jib Offset Angle : 30°

Counterweight: 27.2 t
Carbody Weight: 6.5 t

Unit: metric ton

Boom length (m)		30.5			33.5			36.6			Boom length (m)
Jib length (m)		6.1	12.2	18.3	6.1	12.2	18.3	6.1	12.2	18.3	Jib length (m)
Working radius (m)	12.0	6.6			6.6			6.6			12.0
	14.0	6.6			6.6			6.6			14.0
	16.0	6.6	5.0		6.6	5.0		6.6	5.0		16.0
	18.0	6.6	5.0	3.2	6.6	5.0	3.2	6.6	5.0		18.0
	20.0	6.6	5.0	3.2	6.6	5.0	3.2	6.6	5.0	3.2	20.0
	22.0	6.2	5.0	3.2	6.1	5.0	3.2	6.1	5.0	3.2	22.0
	24.0	5.5	5.0	3.2	5.4	5.0	3.2	5.3	5.0	3.2	24.0
	26.0	4.8	4.9	3.2	4.7	5.0	3.2	4.6	5.0	3.2	26.0
	28.0	4.3	4.6	3.2	4.2	4.5	3.2	4.1	4.4	3.2	28.0
	30.0	3.8	4.1	3.1	3.7	4.0	3.2	3.6	3.9	3.2	30.0
	32.0		3.7	3.0	3.3	3.6	3.0	3.2	3.5	3.1	32.0
	34.0		3.3	2.8		3.2	2.9	2.9	3.1	3.0	34.0
	36.0		3.0	2.7		2.9	2.8		2.8	2.9	36.0
	38.0			2.6		2.6	2.7		2.5	2.7	38.0
	40.0			2.5			2.5		2.2	2.5	40.0
	42.0			2.4			2.3			2.2	42.0
	44.0						2.1			2.0	44.0
Reeves		1	1	1	1	1	1	1	1	1	Reeves

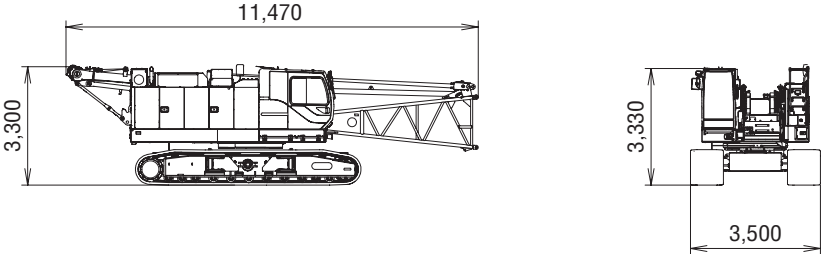
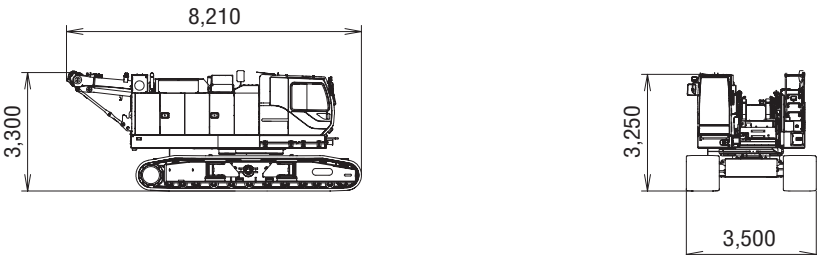
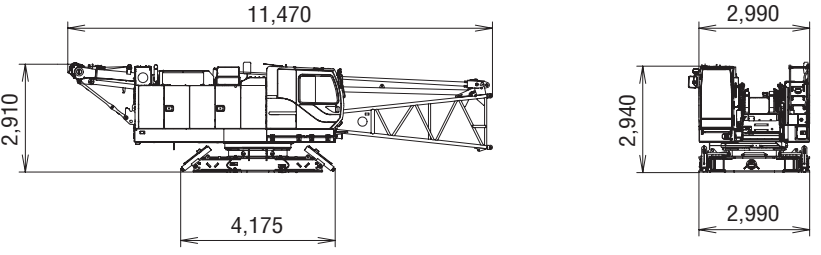
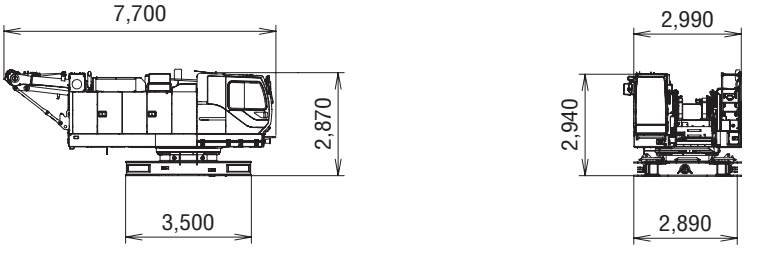
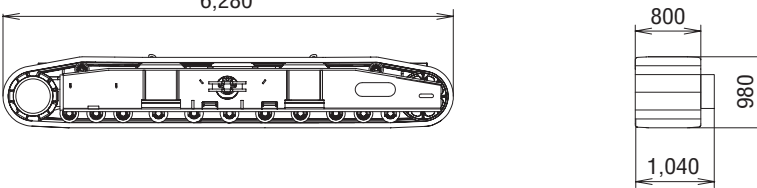
Boom length (m)		39.6			42.7			45.7			Boom length (m)
Jib length (m)		6.1	12.2	18.3	6.1	12.2	18.3	6.1	12.2		Jib length (m)
Working radius (m)	12.0	6.6									12.0
	14.0	6.6			6.6			6.6			14.0
	16.0	6.6	5.0		6.6			6.6			16.0
	18.0	6.6	5.0		6.6	5.0		6.6	5.0		18.0
	20.0	6.6	5.0	3.2	6.6	5.0	3.2	6.6	5.0		20.0
	22.0	5.9	5.0	3.2	5.9	5.0	3.2	5.8	5.0		22.0
	24.0	5.2	5.0	3.2	5.1	5.0	3.2	5.0	5.0		24.0
	26.0	4.5	4.9	3.2	4.4	4.8	3.2	4.3	4.7		26.0
	28.0	4.0	4.3	3.2	3.9	4.3	3.2	3.8	4.2		28.0
	30.0	3.5	3.8	3.2	3.4	3.8	3.2	3.3	3.7		30.0
	32.0	3.1	3.4	3.2	3.0	3.3	3.2	2.9	3.2		32.0
	34.0	2.7	3.0	3.1	2.6	3.0	3.2	2.4	2.9		34.0
	36.0	2.3	2.7	2.9	2.2	2.6	2.8	2.1	2.5		36.0
	38.0	2.0	2.4	2.6	1.9	2.3	2.5	1.7	2.1		38.0
	40.0		2.1	2.3	1.6	2.0	2.3	1.4	1.8		40.0
	42.0		1.8	2.1		1.7	2.0	1.2	1.5		42.0
	44.0		1.5	1.8		1.4	1.7		1.3		44.0
Reeves		1	1	1	1	1	1	1	1		Reeves

Note:

Ratings according to EN13000.

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

TRANSPORTATION PLAN

Name	Dimension	Weight (kg)
Base Machine • Boom base • Gantry • Crawler • Wire rope (Front / boom hoist)		39,850
Base Machine • Gantry • Crawler • Wire rope (Front / rear / boom hoist)		37,880
Base Machine • Boom base • Gantry • Translifter • Wire rope (Front / rear / boom hoist) • Without crawler		25,490
Base Machine • Gantry • Wire rope (Front / rear / boom hoist) • Without crawler		23,520
Crawler		7,180

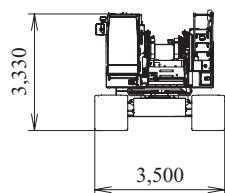
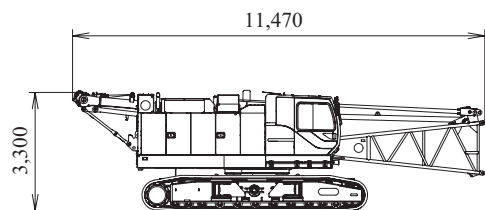
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PARTS AND ATTACHMENTS

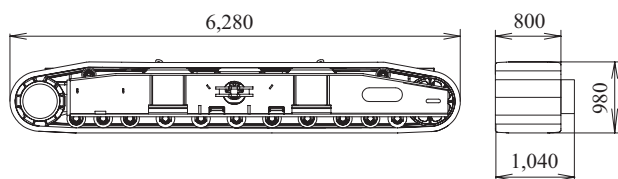
Base Machine

Boom base, Gantry, Crawler, Wire rope (Front/boom hoist)
Weight: 39,850 kg Width: 3,500mm



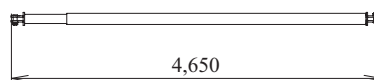
Crawler

Weight: 7,180 kg



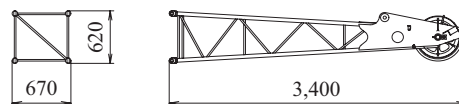
Backstop

Weight: 245 kg



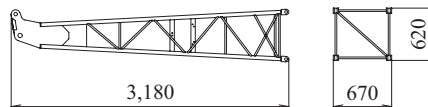
Jib tip

Weight: 145 kg



Jib base

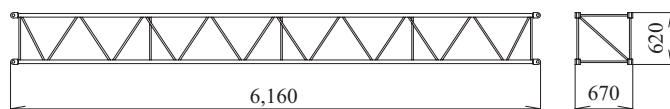
Weight: 125 kg



6.1m (20ft)

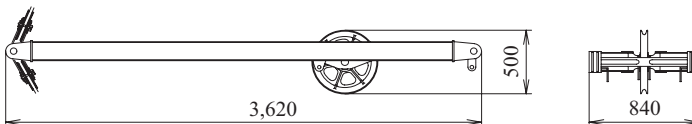
Jib insert

Weight: 140 kg



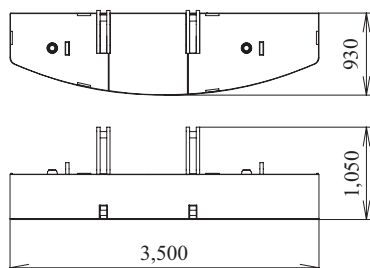
Jib strut

Weight: 190 kg



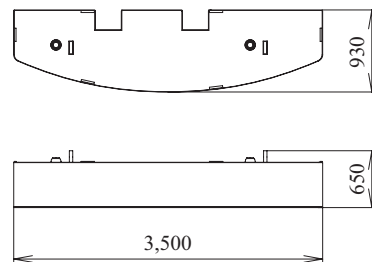
Counterweight No.1

Weight: 8,530 kg



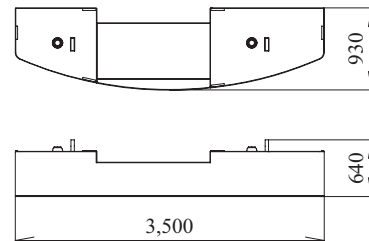
Counterweight No.2

Weight: 7,860 kg



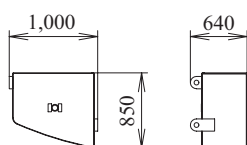
Counterweight No.3

Weight: 6,410 kg



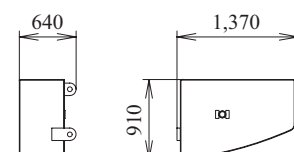
Counterweight No.4 (L)

Weight: 1,660 kg



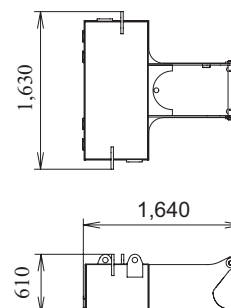
Counterweight No.4 (R)

Weight: 2,740 kg



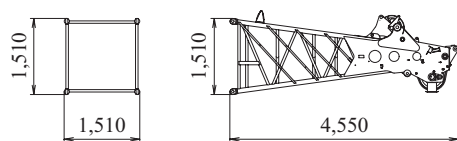
Carbody weight

Weight: 3,250 kg / 1 piece

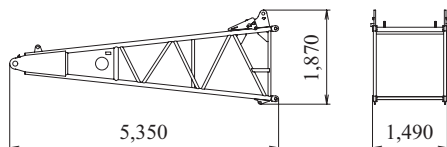


Boom tip

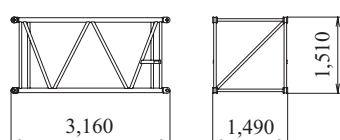
Weight: 1,110 kg

**Boom base**

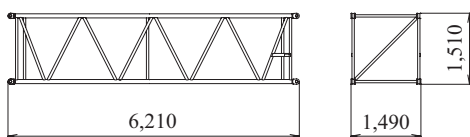
Weight: 1,130 kg

**3.0m (10ft)****Boom insert**

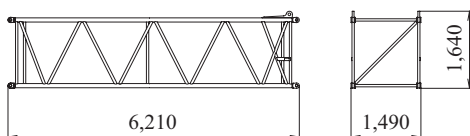
Weight: 311 kg

**6.1m (20ft)****Boom insert**

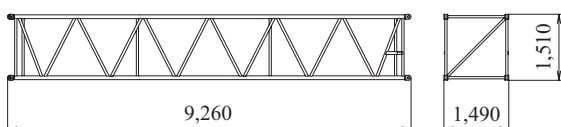
Weight: 522 kg

**6.1m (20ft)****Boom insert with lug**

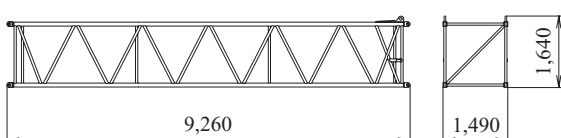
Weight: 545 kg

**9.1m (30ft)****Boom insert**

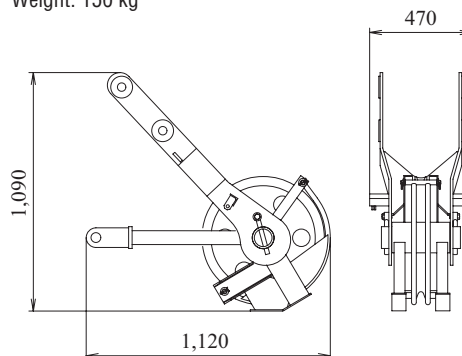
Weight: 742 kg

**9.1m (30ft)****Boom insert with lug**

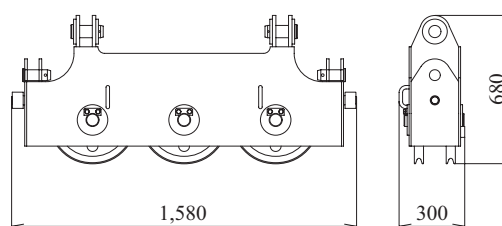
Weight: 765 kg

**Auxiliary sheave**

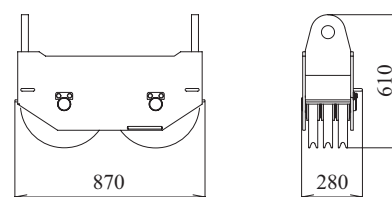
Weight: 150 kg

**Upper spreader**

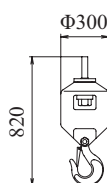
Weight: 280 kg

**Lower spreader**

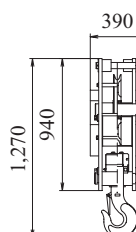
Weight: 170 kg

**Ball hook**

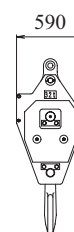
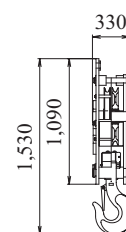
Weight: 160 kg

**19t hook**

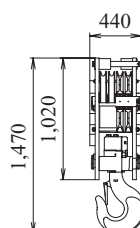
Weight: 400 kg

**32t hook**

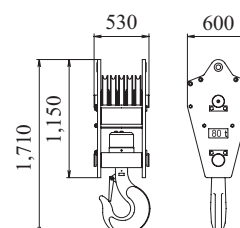
Weight: 500 kg

**50t hook**

Weight: 650 kg

**60t hook**

Weight: 800 kg



Note: This catalog may contain photographs of machines with specifications, attachments and optional equipment not certified for operation in your country. Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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