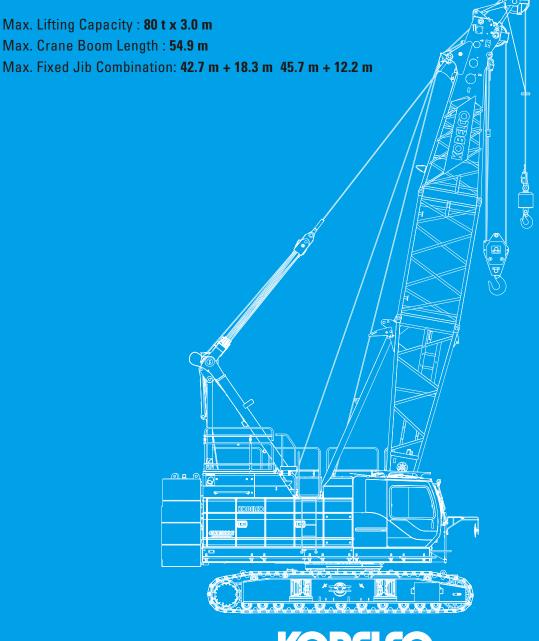
Hydraulic Crawler Crane





800G

Model: CKE800G-3









CKE800G-3 CONTENTS

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SPECIFICATIONS



Power Plant

Model: HINO J08E-YD

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

turbo-charger, intercooled

Complies with NRMM (Europe) Stage V

Displacement: 7,684 liters Rated power: 213 kW/2100 min⁻¹ 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 AdBlue® tank capacity: 30 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: 31.9 MPa

Swing system: 27.5 MPa Control system: 5.4 MPa

Hydraulic Tank Capacity: 440 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: Single drum, grooved for 16mm dia. wire rope

Line Speed: Single line on first drum layer Hoisting/Lowering: 70 to 2 m/min

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

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

Boom backstops: Required for all boom length



Load Hoisting System

Front and rear drums for load hoist powered by hydraulic variable plunger motors, driven through planetary reducers. Negative Brake: A spring-set, hydraulically released multipledisc 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 Drum:

550 mm P.C.D x 545 mm wide drum, grooved for 22 mm wire rope. Rope capacity is 220 m working length and 335 m storage length.

Rear Drum: 550 mm P.C.D x 545 mm wide drum, grooved for 22 mm wire rope. Rope capacity is 130 m working length and 335m storage length.

Diameter of wire rope

Main winch: 22 mm x 220 m Aux. winch: 22 mm x 130 m Third winch: 22 mm x 145 m

Line Speed*:

Hoisting/lowering: 120 to 3 m/min

Line Pull:

Max. Line Pull*: 153 kN {15.5 tf} (Referential performance) Rated Line Pull: 78 kN {8.0 tf}

*Single line on first drum layer



Swing System

Swing unit is powered by hydraulic motor driving spur gears through planetary reducer, 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



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, cigarette lighter, sun visor, roof blind, tinted glass, floor mat, footrest, and shoe tray



Lower Structure

Steel-welded carbody with axles. Crawler assemblies can be hydraulically extended for wide-track operation or retractedfor transportation. 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: 75.7 ton

Ground pressure: 84.8 kPa



Attachment

Boom & Jib:

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

Boom and Jib length

| | Min. Length | Max. Length (Max. combination) | | | |
|------------|--------------------|--------------------------------|--|--|--|
| | (Min. combination) | | | | |
| Crane Boom | 9.1 m 54.9 m | | | | |
| Fixed lib | 30.5 m + 6.1 m | 42.7 m + 18.3 m, | | | |
| | | 45.7 m + 12.2 m | | | |

Main Specifications (Model: CKE800G-3)

| Crane Boom | | | | |
|-------------------------------|---|--|--|--|
| Max. Lifting Capacity | 80 t x 3.0 m | | | |
| Max. Length | 54.9 m | | | |
| Fixed Jib | | | | |
| Max. Lifting Capacity | 7.0 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 kN {8.0 tf} | | | |
| Wire Rope Diameter | 22 mm | | | |
| Wire Rope Length | 220 m (Main), 130 m (Aux.) | | | |
| Brake Type (Free fall) | Wet-type multiple disc brake (Optional) | | | |
| Working Speed | | | | |
| Swing Speed | 4.0 min ⁻¹ {rpm} | | | |
| Travel Speed | 1.7/1.1 km/h | | | |
| Power Plant | | | | |
| Model | HINO J08E-YD | | | |
| Engine Output | 213 kW/2100 min ⁻¹ | | | |
| Fuel Tank | 400 liters | | | |
| AdBlue® Tank | 30 liters | | | |

| Hydraulic System | | | | |
|--|------------------------------------|--|--|--|
| Main Pums 3 variable displacement | | | | |
| Max. Pressure | 31.9 Mpa {325 kg/cm ² } | | | |
| Hydraulic Tank Capacity | 440 liters | | | |
| Self-Removal Device | | | | |
| Counterweight/self-removal device(option | | | | |
| Weight | | | | |
| Operating Weight | 75.7 t *1 | | | |
| Ground Pressure | 84.8 kPa | | | |
| Counterweight | 27,180 kg | | | |
| Transport Weight | 39,780 kg *2 | | | |

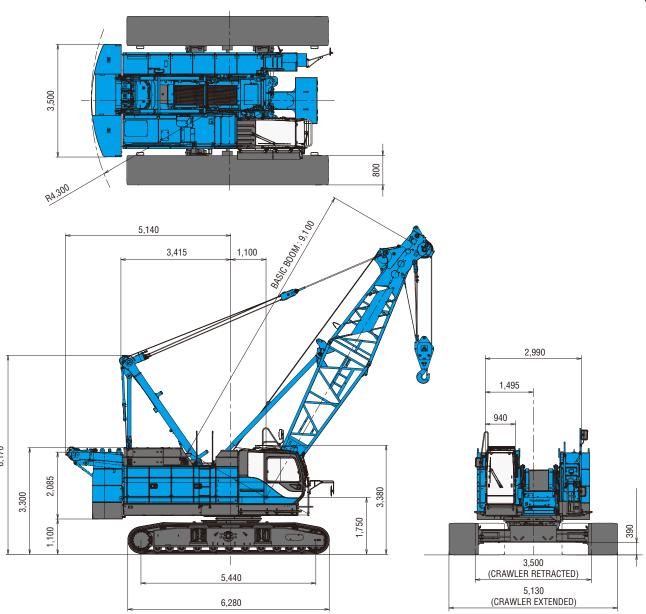
Units are SI units. { } indicates conventional units.

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.

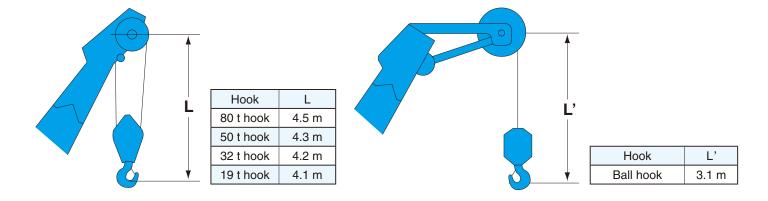
^{*2} Base machine with boom base, gantry, crawlers, and wire ropes (front/rear/boom hoist)

(Unit: mm)



This catalog may contain photographs of machines with specifications, attachments and optional equipment.

Limit of Hook Lifting



BOOM AND JIB ARRANGEMENTS

Crane Boom Arrangements

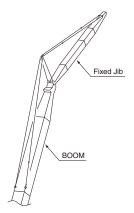
| Boom length m (ft) | Boom arrangement |
|-----------------------|---|
| 9.1 (30) | ※ ◆♪ |
| 12.2 (40) | ※ <10 → |
| 15.2 (50) | < <u>₹20</u> ↑> * < <u>₹1010</u> ↑> |
| 18.3 (60) | |
| 21.3 (70) | <a>€ 20 20 1> <a>€ 20 20 1> <a>€ 10 10 20 1> <a>※ |
| 24.4 (80) | ★ 10 20 20 10 ★ 20 30 10 ★ 10 10 30 10 ★ 10 10 30 10 ★ 10 10 30 10 ★ 10 10 10 30 10 ★ 10 10 10 30 10 ★ 10 10 10 10 10 ★ 10 10 10 10 10 ★ 10 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 10 10 10 ★ 10 1 |
| 27.4 (90) | |
| 30.5 (100) | □ 20 |
| 33.5 (110) | |
| 36.6 (120) | ★ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ |

| Boom length m (ft) | Boom arrangement |
|-----------------------|---|
| 39.6 (130) | |
| 42.7 (140) | |
| 45.7 (150) | |
| 48.8 (160) | < <u>\$\begin{align*} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</u> |
| 51.8 (170) | |
| 54.9 (180) | |

| Symbol | Boom Length | Remarks | |
|------------------|-------------|----------------------|--|
| \triangleleft | 5.2 m | Boom Base | |
| \triangleright | 3.9 m | Boom Top | |
| 10 | 3.0 m | Insert Boom | |
| 20 | 6.1 m | Insert Boom | |
| 20 ^ | 6.1 m | Insert Boom with lug | |
| 30 | 9.1 m | Insert Boom | |
| 30 | 9.1 m | Insert Boom with lug | |
| 30 | 9.1 m | Insert Boom | |

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

Fixed Jib Arrangements

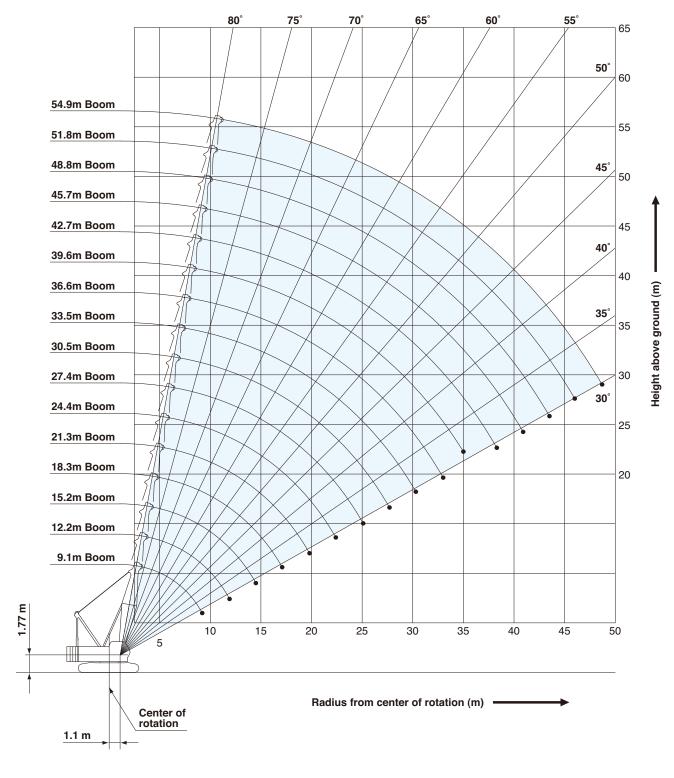


| Crane boom length | Jib length m (ft) | Jib arrangement | |
|---------------------|----------------------|-----------------|--|
| 30.5 m ∼ 45.7 m | 6.1 (20) | 3.0/\3.0 | |
| 30.5 III ~ 45.7 III | 12.2 (40) | <u> </u> | |
| 30.5 m ~ 42.7 m | 18.3 (60) | © B 20 20 T | |

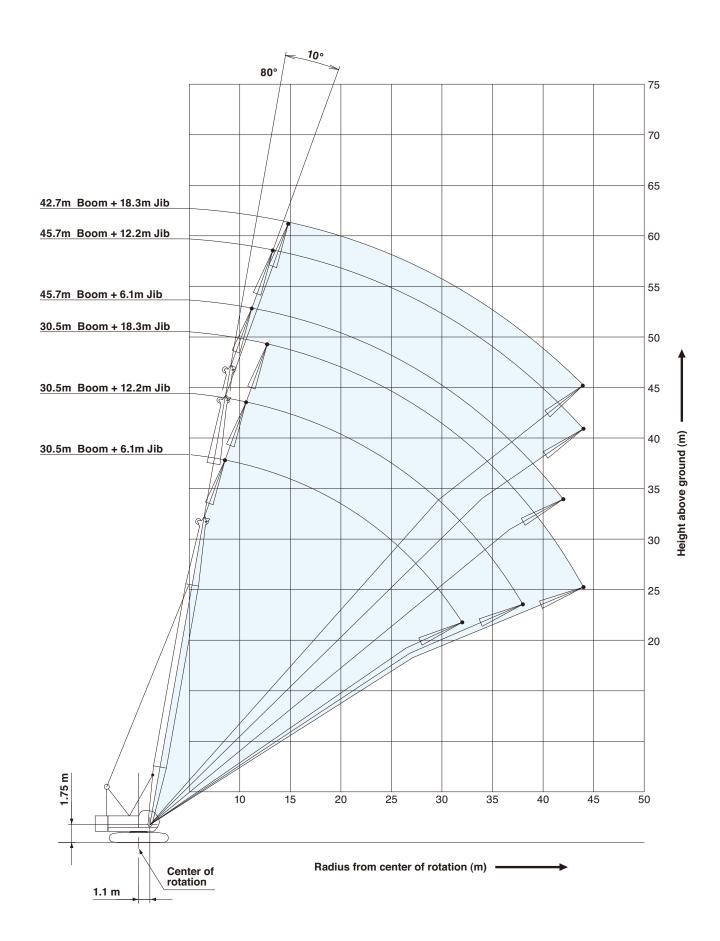
| Symbol | Jib Length | Remarks | |
|--------|------------|------------|--|
| В | 3.0 m | Jib Base | |
| | 3.0 m | Jib Top | |
| 20 | 6.1 m | Insert Jib | |

^{*} indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

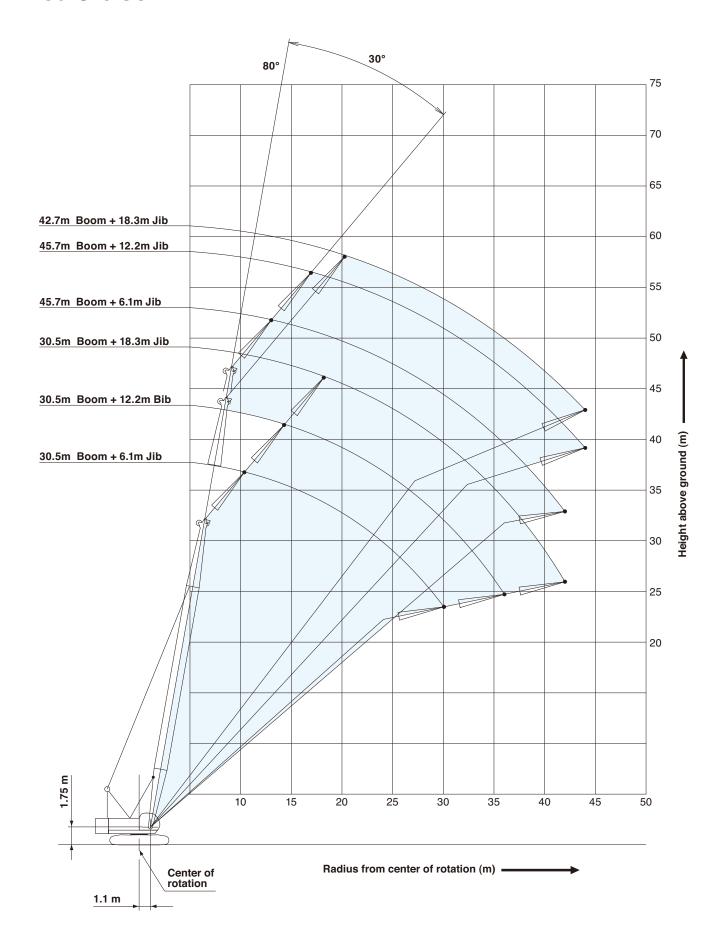
Crane Boom



Fixed Jib 10°



Fixed Jib 30°



SUPPLEMENTAL DATA

- Ratings are calculated to comply with EN13000, ISO 4305 and include factors based on a 4 degree tipping angle.
- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
- The weight of hook block, slings, and all other load handling accessories shall be considered part of the lifted load.
- 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 the 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 parts of 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 based on structural competence.
- •The minimum rated load is 1.1 t.
- •Crawlers must be fully extended for all crane operations.
- Ratings shown are based on allowable wind speed of 9.8 m/s or less.

The wind speed mentioned here means the instantaneous wind speed.

 Ratings shown are based on allowable travel speed of 0.1 m/s or less.

(Crane boom lifting)

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

(Fixed jib lifting)

- •The total load that can be lifted is the value of the weight of jib hook block, slings, and all other load handling accessories deducted from fixed jib ratings shown.
- •The availability of fixed jib mounting
- On crane boom: Range 30.5 m to 45.7 m.
 But 18.3 m jib is not allowed to install on 45.7 m main boom.

<Reference Information>

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) | 69 |
| Maximum Loads (t) | 7.0 |

| Weight of hook block | | | | | | | |
|--|--|--|--|--|--|--|--|
| Hook Block 80 t 50 t 32 t 19 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.

Assembling the counterweight (standard type)

27.2 ton counterweight 6.5 ton carbody weight

| | | 0 |
|------|------|------|
| No.4 | | No.5 |
| | No.3 | |
| | No.2 | |
| | No.1 | |



Assembling the counterweight (optional type)

(Equipped with self removal device) 26.1 ton counterweight 6.5 ton carbody weight

No.4 No.5 No.3 No.1

Counterweights
Carbody weights

 Although the total weight of the counterweight is different between machine equipped with self-removal device and machine not equipped with self-removal device, the lifting capacity is the same.

LIFTING CAPACITIES

| | Crai | ne E | 300 | m L | .ifti | ng | Cap | aci | tie | S | | | | | | dy Wei | ht: 27.2 t ght: 6.5 t |
|---|-----------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|---|
| | | | | | | | | | | | | | | | | Unit: | metric ton |
| Boom Length Working (m) radius (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. Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.

| (| | | Jib Lif fset A | | apaci 10°) | ties | | | | Carbody W | eight: 27.2 t eight: 6.5 t |
|------------|--------------|-----|-------------------|------|---------------|------|------|-----|------|-----------|---------------------------------------|
| Воо | m 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) |
| | 9.0 | 7.0 | | | 7.0 | | | | | | 9.0 |
| | 10.0 | 7.0 | | | 7.0 | | | 7.0 | | | 10.0 |
| | 12.0 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | | 7.0 | 7.0 | | 12.0 |
| | 14.0 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 14.0 |
| | 16.0 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 16.0 |
| | 18.0 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 18.0 |
| | 20.0 | 6.8 | 7.0 | 4.5 | 6.8 | 6.9 | 4.5 | 6.7 | 6.9 | 4.5 | 20.0 |
| آءِ[| 22.0 | 6.1 | 6.4 | 4.5 | 6.0 | 6.2 | 4.5 | 5.9 | 6.2 | 4.5 | 22.0 |
| radius (m) | 24.0 | 5.4 | 5.6 | 4.5 | 5.2 | 5.5 | 4.5 | 5.1 | 5.4 | 4.5 | 24.0 vorking radius (m) 26.0 30.0 (m) |
| adin | 26.0 | 4.7 | 5.0 | 4.5 | 4.6 | 4.8 | 4.5 | 4.5 | 4.8 | 4.5 | 26.0 |
| ng l | 28.0 | 4.2 | 4.4 | 4.5 | 4.1 | 4.3 | 4.4 | 4.0 | 4.2 | 4.3 | 28.0 |
| Working | 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 |

| В | oom length (m) | | 39.6 | | | 42.7 | | | 45.7 | Boom length (m) |
|----------------|----------------|-----|------|------|-----|------|------|-----|------|----------------------------------|
| Γ, | lib length (m) | 6.1 | 12.2 | 18.3 | 6.1 | 12.2 | 18.3 | 6.1 | 12.2 | Jib length (m) |
| | 10.0 | 7.0 | | | | | | | | 10.0 |
| | 12.0 | 7.0 | | | 7.0 | | | 7.0 | | 12.0 |
| | 14.0 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 14.0 |
| | 16.0 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 16.0 |
| | 18.0 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 4.5 | 7.0 | 7.0 | 18.0 |
| | 20.0 | 6.6 | 6.7 | 4.5 | 6.6 | 6.7 | 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 |
| ĮΞ | 24.0 | 5.0 | 5.3 | 4.5 | 4.9 | 5.2 | 4.5 | 4.8 | 5.1 | 24.0 ≦ |
| Working radius | 26.0 | 4.4 | 4.6 | 4.5 | 4.3 | 4.5 | 4.5 | 4.2 | 4.4 | 24.0 Working radius (m) 30.0 (m) |
| 126 | 28.0 | 3.9 | 4.1 | 4.2 | 3.8 | 4.0 | 4.1 | 3.6 | 3.9 | 28.0 |
| ΙĘ̈́ | 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 3 |
| | 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 according to EN19000.

Ratings shown in ______ are determined by the strength of the boom or other structural components. Lifting capacities may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

LIFTING CAPACITIES

| | | | Jib Lif fset A | _ | apaci 30°) | ties | | | | Carbody W | ight: 27.2 t eight: 6.5 t |
|--------------------|---------------|-----|-------------------|------|---------------|------|------|-----|------|-----------|---------------------------------------|
| Во | om length (m) | | 30.5 | | | 33.5 | | | 36.6 | <u> </u> | Boom length (m) |
| J | ib length (m) | 6.1 | 12.2 | 18.3 | 6.1 | 12.2 | 18.3 | 6.1 | 12.2 | 18.3 | Jib length (m) |
| | 12.0 | 7.0 | | | 7.0 | | | 7.0 | | | 12.0 |
| | 14.0 | 7.0 | | | 7.0 | | | 7.0 | | | 14.0 |
| | 16.0 | 7.0 | 5.0 | | 7.0 | 5.0 | | 7.0 | 5.0 | | 16.0 |
| | 18.0 | 7.0 | 5.0 | 3.2 | 7.0 | 5.0 | 3.2 | 7.0 | 5.0 | | 18.0 |
| | 20.0 | 6.9 | 5.0 | 3.2 | 6.8 | 5.0 | 3.2 | 6.8 | 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 |
| اءِ | 24.0 | 5.5 | 5.0 | 3.2 | 5.4 | 5.0 | 3.2 | 5.3 | 5.0 | 3.2 | 24.0 |
| Working radius (m) | 26.0 | 4.8 | 4.9 | 3.2 | 4.7 | 5.0 | 3.2 | 4.6 | 5.0 | 3.2 | 26.0 working radius (m) 32.0 32.0 (m) |
| adic | 28.0 | 4.3 | 4.6 | 3.2 | 4.2 | 4.5 | 3.2 | 4.1 | 4.4 | 3.2 | 28.0 |
| ng | 30.0 | 3.8 | 4.1 | 3.1 | 3.7 | 4.0 | 3.2 | 3.6 | 3.9 | 3.2 | 30.0 ਊ |
| orki | 32.0 | | 3.7 | 3.0 | 3.3 | 3.6 | 3.0 | 3.2 | 3.5 | 3.1 | 32.0 lb is |
| > | 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 |

| Вс | oom length (m) | | 39.6 | | | 42.7 | | | 45.7 | Boom length (m) |
|------------|----------------|-----|------|------|-----|------|------|-----|------|-------------------------|
| | lib length (m) | 6.1 | 12.2 | 18.3 | 6.1 | 12.2 | 18.3 | 6.1 | 12.2 | Jib length (m) |
| | 12.0 | 7.0 | | | | | | | | 12.0 |
| | 14.0 | 7.0 | | | 7.0 | | | 7.0 | | 14.0 |
| | 16.0 | 7.0 | 5.0 | | 7.0 | | | 7.0 | | 16.0 |
| | 18.0 | 7.0 | 5.0 | | 7.0 | 5.0 | | 7.0 | 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 |
| radius (m) | 26.0 | 4.5 | 4.9 | 3.2 | 4.4 | 4.8 | 3.2 | 4.3 | 4.7 | 26.0 28.0 30.0 32.0 (m) |
| adir | 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 g |
| Working | 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. Lifting capacities may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

SUPPLEMENTAL DATA FOR CLAMSHELL RATING CHART

- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
- The weight of bucket, slings and all other load handling accessories shall be considered part of the lifted load.
- 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.
- Rated loads do not exceed 66 % of minimum tipping loads.
- Ratings are for the 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 parts of 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.
- Crawlers must be fully extended for all crane operations.

(Clamshell bucket lifting)

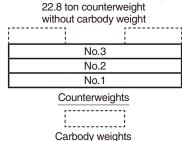
- •The total load that can be lifted is the value of the weight of bucket, slings, and all other load handling accessories deducted from main boom ratings shown.
- The weight of bucket and materials must not exceed rated load.
- •Optimum bucket should be required according to material. Bucket capacity (m³) x specified gravity of material (ton/m³) + bucket weight (ton) = rated load.
- Bucket weight must also be decreased according to operating cycle and bucket lowering height.
- Rated loads are determined by stability and boom strength.
 During simultaneous operations of boom and swing, rapid acceleration or deceleration must be avoided.
- Do not attempt to cast the bucket while swinging or diagonal draw-cutting.

<Reference Information>

Main hoist loads

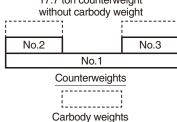
| No. of Parts of Line | 1 |
|----------------------|-----|
| Maximum Loads (kN) | 69 |
| Maximum Loads (t) | 7.0 |

Assembling the counterweight (standard type)



Assembling the counterweight (optional type)

(Equipped with self removal device) 17.7 ton counterweight without carbody weight



 Although the total weight of the counterweight is different between machine equipped with self-removal device and machine not equipped with self-removal device, the lifting capacity is the same.

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

LIFTING CAPACITIES

| | | ell Rat Soom C | | | | Counterweight: 22.8 t Without Carbody Weight Crawler Fully Extended Unit: metric ton |
|----------------------------|-----|-------------------|------|------|------|--|
| Boom length (m) radius (m) | 9.1 | 12.2 | 15.2 | 18.3 | 21.3 | Boom length (m) Load radius (m) |
| 5.0 | 7.0 | | | | | 5.0 |
| 5.5 | 7.0 | | | | | 5.5 |
| 6.0 | 7.0 | 7.0 | | | | 6.0 |
| 7.0 | 7.0 | 7.0 | 7.0 | | | 7.0 |
| 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | | 8.0 |
| 9.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 9.0 |
| 10.0 | | 7.0 | 7.0 | 7.0 | 7.0 | 10.0 |
| 12.0 | | | 7.0 | 7.0 | 7.0 | 12.0 |
| 14.0 | | | 7.0 | 7.0 | 7.0 | 14.0 |
| 16.0 | | | | 7.0 | 7.0 | 16.0 |
| 18.0 | | | | | 7.0 | 18.0 |
| 20.0 | | | | | | 20.0 |
| 22.0 | | | | | | 22.0 |
| 24.0 | | | | | | 24.0 |
| 26.0 | | | | | | 26.0 |
| 28.0 | | | | | | 28.0 |
| 30.0 | | | | | | 30.0 |
| 32.0 | | | | | | 32.0 |
| 34.0 | | | | | | 34.0 |
| 36.0 | | | | | | 36.0 |
| 38.0 | | | | | | 38.0 |
| 40.0 | | | | | | 40.0 |
| 42.0 | | | | | | 42.0 |
| 44.0 | | | | | | 44.0 |
| Reeves | 1 | 1 | 1 | 1 | 1 | Reeves |

Note:

Please refer rated chart in operator's cabin.

SUPPLEMENTAL DATA FOR REDUCED WEIGHTS RATING CHART

- Ratings are calculated to comply with EN13000, ISO 4305 and include factors based on a 4 degree tipping angle.
- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
- •The weight of hook block, slings, and all other load handling accessories shall be considered part of the lifted load.
- 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 the 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 parts of 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 based on structural competence.
- •The minimum rated load is 1.1 t.
- Crawlers must be fully extended for all crane operations.
- Ratings shown are based on allowable wind speed of 9.8 m/s or less.
- The wind speed mentioned here means the instantaneous wind speed.
- Ratings shown are based on allowable travel speed of 0.1 m/s or less.

(Crane boom lifting)

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

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

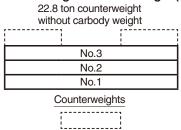
| No. of Parts of Line | 1 |
|----------------------|-----|
| Maximum Loads (kN) | 69 |
| Maximum Loads (t) | 7.0 |

| | Weight of hook block | | | | | | | | | | |
|------------|--|-----|-----|-----|------|--|--|--|--|--|--|
| Hook Block | Hook Block 80 t 50 t 32 t 19 t 7.0 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.

<Reference Information>

Assembling the counterweight (standard type)



Carbody weights

Assembling the counterweight (optional type)

(Equipped with self removal device)
17.7 ton counterweight
without carbody weight

No.2 No.3

No.1

Counterweights

Carbody weights

 Although the total weight of the counterweight is different between machine equipped with self-removal device and machine not equipped with self-removal device, the lifting capacity is the same.

LIFTING CAPACITIES

| | | ed W Boon | | | | | | | | Witho | unterweig out Carbod vler Fully E Unit: | ly Weight |
|---------------------------------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|
| Boom length Load (m) radius (m) | 9.1 | 12.2 | 15.2 | 18.3 | 21.3 | 24.4 | 27.4 | 30.5 | 33.5 | 36.6 | 39.6 | Boom length (m) Load radius (m) |
| 3.0 | 3.0m/73.8 | | | | | | | | | | | 3.0 |
| 3.5 | 68.7 | 3.6m/66.9 | | | | | | | | | | 3.5 |
| 4.0 | 64.4 | 63.1 | 4.2m/58.4 | | | | | | | | | 4.0 |
| 4.5 | 55.4 | 55.4 | 53.3 | 4.7m/47.4 | | | | | | | | 4.5 |
| 5.0 | 45.9 | 45.8 | 45.8 | 44.0 | 5.2m/38.9 | | | | | | | 5.0 |
| 5.5 | 39.2 | 39.1 | 39.0 | 39.0 | 37.2 | 5.7m/33.4 | | | | | | 5.5 |
| 6.0 | 34.1 | 34.0 | 33.9 | 33.9 | 33.7 | 32.2 | 6.3m/29.2 | 6.8m/25.7 | | | | 6.0 |
| 7.0 | 27.0 | 26.9 | 26.8 | 26.8 | 26.7 | 26.6 | 26.0 | 24.9 | 7.3m/22.7 | 7.9m/20.3 | | 7.0 |
| 8.0 | 22.3 | 22.2 | 22.1 | 22.1 | 22.0 | 21.9 | 21.8 | 21.6 | 20.8 | 20.1 | 8.4m/18.4 | 8.0 |
| 9.0 | 19.0 | 18.9 | 18.7 | 18.7 | 18.6 | 18.5 | 18.4 | 18.3 | 18.3 | 17.7 | 17.1 | 9.0 |
| 10.0 | 9.2m/18.5 | 16.3 | 16.2 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.2 | 10.0 |
| 12.0 | | 11.9m/12.9 | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 12.0 | 12.0 | 12.0 |
| 14.0 | | | 10.3 | 10.3 | 10.2 | 10.1 | 10.0 | 9.8 | 9.8 | 9.7 | 9.6 | 14.0 |
| 16.0 | | | 14.5m/9.9 | 8.6 | 8.5 | 8.4 | 8.3 | 8.1 | 8.1 | 8.0 | 7.9 | 16.0 |
| 18.0 | | | | 17.1m/7.9 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 18.0 |
| 20.0 | | | | | 19.8m/6.3 | 6.2 | 6.0 | 5.9 | 5.9 | 5.7 | 5.6 | 20.0 |
| 22.0 | | | | | | 5.4 | 5.3 | 5.1 | 5.1 | 4.9 | 4.8 | 22.0 |
| 24.0 | | | | | | 22.4m/5.3 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 24.0 |
| 26.0 | | | | | | | 25.1m/4.3 | 4.0 | 3.9 | 3.8 | 3.7 | 26.0 |
| 28.0 | | | | | | | | 27.7m/3.5 | 3.5 | 3.3 | 3.2 | 28.0 |
| 30.0 | | | | | | | | | 3.1 | 2.9 | 2.8 | 30.0 |
| 32.0 | | | | | | | | | 30.3m/3.0 | 2.6 | 2.4 | 32.0 |
| 34.0 | | | | | | | | | | 33.0m/2.3 | 2.1 | 34.0 |
| 36.0 | | | | | | | | | | | 35.0m/1.9 | 36.0 |
| Reeves | 10 | 9 | 8 | 6 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | Reeves |

| Boom length Load (m) radius (m) | 42.7m | 45.7m | 48.8m | 51.8m | | oom ngth n) Load radius (m) |
|---------------------------------|-----------|-----------|------------|------------|---|--------------------------------------|
| 9.0 | 9.0m/16.5 | 9.4m/15.0 | | | | 9.0 |
| 10.0 | 14.7 | 14.2 | 10.0m/13.7 | 10.5m/12.6 | | 10.0 |
| 12.0 | 11.8 | 11.5 | 11.1 | 10.8 | | 12.0 |
| 14.0 | 9.4 | 9.4 | 9.2 | 8.9 | | 14.0 |
| 16.0 | 7.7 | 7.7 | 7.6 | 7.5 | | 16.0 |
| 18.0 | 6.5 | 6.4 | 6.3 | 6.2 | | 18.0 |
| 20.0 | 5.5 | 5.4 | 5.3 | 5.2 | | 20.0 |
| 22.0 | 4.7 | 4.7 | 4.5 | 4.4 | | 22.0 |
| 24.0 | 4.1 | 4.0 | 3.9 | 3.8 | | 24.0 |
| 26.0 | 3.5 | 3.5 | 3.3 | 3.2 | | 26.0 |
| 28.0 | 3.1 | 3.0 | 2.9 | 2.7 | | 28.0 |
| 30.0 | 2.6 | 2.6 | 2.4 | 2.3 | | 30.0 |
| 32.0 | 2.3 | 2.2 | 2.1 | 1.9 | | 32.0 |
| 34.0 | 2.0 | 1.9 | 1.7 | 1.6 | | 34.0 |
| 36.0 | 1.7 | 1.6 | 1.4 | 1.3 | | 36.0 |
| 38.0 | 1.4 | 1.3 | 1.2 | 1.1 | | 38.0 |
| 40.0 | 38.3m/1.3 | 1.1 | | | | 40.0 |
| 42.0 | | | | | | 42.0 |
| 44.0 | | | | | | 44.0 |
| 46.0 | | | | | | 46.0 |
| 48.0 | | | | | | 48.0 |
| 50.0 | | | | | | 50.0 |
| Reeves | 3 | 2 | 2 | 2 | F | Reeves |

Ratings according to EN13000.

Ratings shown in _____ are determined by the strength of the boom or other structural components. Lifting capacities may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

TRANSPORTATION PLAN

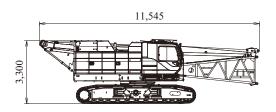
| Name | Dimension | | Weight (kg) |
|--|-------------------|-------|----------------|
| Base Machine Boom base Gantry Crawler Wire rope (Front / rear / boom hoist) | 11,545 | 3,500 | 39,780 |
| Base Machine • Gantry • Crawler • Wire rope (Front / rear / boom hoist) | 8,215 000 E | 3,500 | 37,800 |
| Base Machine Boom base Gantry Wire rope (Front / rear / boom hoist) Without crawler Without translifter | 11,545 | 2,990 | 25,500 |
| Base Machine Gantry Wire rope (Front / rear / boom hoist) Without crawler Without translifter | 7,700 | 2,990 | 23,520 |
| Crawler | 6,280 | 1,020 | 7,130 |

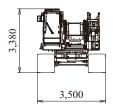


PARTS AND ATTACHMENTS

Base Machine

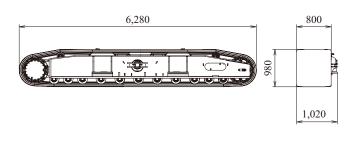
Boom base, Gantry, Crawler, Wire rope (Front/rear/boom hoist) Weight: 39,780 kg Width: 3,500 mm





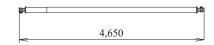
Crawler

Weight: 7,130 kg



Backstop

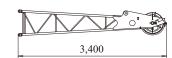
Weight: 245 kg



Jib Tip

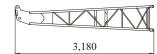
Weight: 145 kg





Jib Base

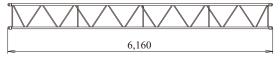
Weight: 125 kg





6.1 m Jib Insert

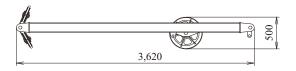
Weight: 140 kg





Jib Strut

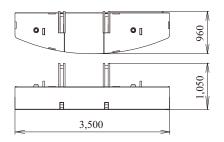
Weight: 190 kg





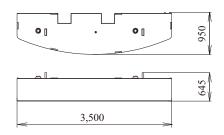
Counterweight No.1

Weight: 8,530 kg



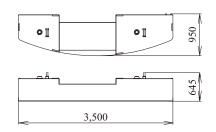
Counterweight No.2

Weight: 7,860 kg

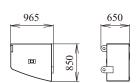


Counterweight No.3

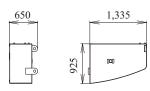
Weight: 6,410 kg



Counterweight No.4 (L) Weight: 1,660 kg

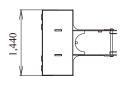


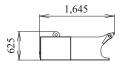
Counterweight No.4 (R) Weight: 2,740 kg



Carbody Weight

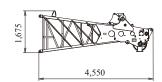
Weight: 3,250 kg / 1 piece



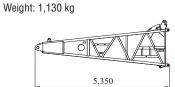








Boom Base





3.0 m **Boom Insert** Weight: 310 kg

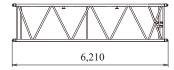


3,165



6.1 m **Boom Insert**

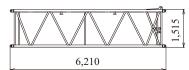






6.1 m Boom Insert With Lug

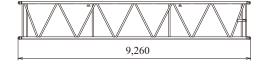
Weight: 550 kg





9.1 m **Boom Insert**

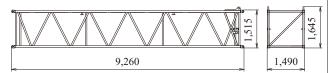
Weight: 745 kg





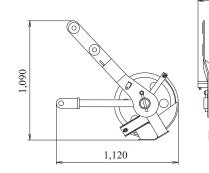
9.1 m **Boom Insert With Lug**

Weight: 770 kg



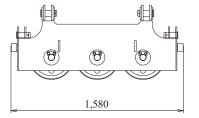
Auxiliary Sheave

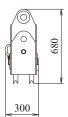
Weight: 150 kg



Upper Spreader

Weight: 280 kg

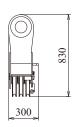




470

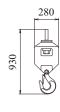
Lower Spreader Weight: 215 kg





Ball Hook

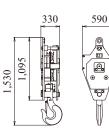
Weight: 160 kg



19 t Hook Weight: 400 kg

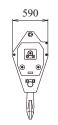
385 590 191 940

32 t Hook Weight: 500 kg



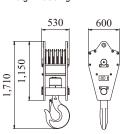
50 t Hook Weight: 650 kg

1,020 1,470



1,270

80 t 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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KOBELCO CONSTRUCTION MACHINERY CO., LTD. Inquiries To:

5-15, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8626 JAPAN Tel: +81-3-5789-2121 Fax: +81-3-5789-3372

URL: https://www.kobelcocm-global.com