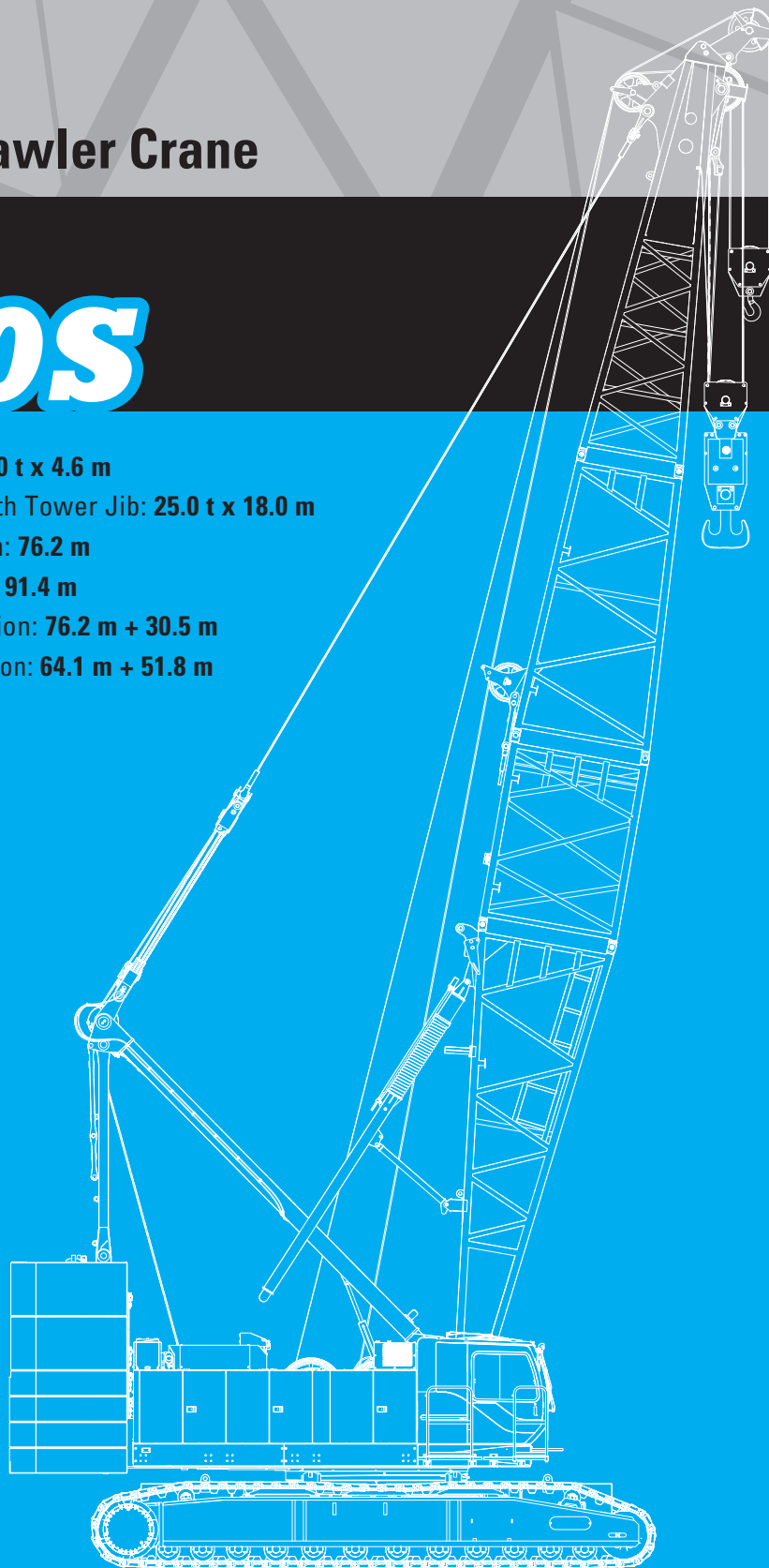


## Hydraulic Crawler Crane

# 7250S

Model : 7250S

- Max. Lifting Capacity: **250 t x 4.6 m**
- Max. Lifting Capacity With Tower Jib: **25.0 t x 18.0 m**
- Max. Crane Boom Length: **76.2 m**
- Max. Long Boom Length: **91.4 m**
- Max. Fixed Jib Combination: **76.2 m + 30.5 m**
- Max. Tower Jib Combination: **64.1 m + 51.8 m**



# KOBELCO



# **7250S**

## **CONTENTS**

|           |  |
|-----------|--|
| <b>3</b>  | <b>SPECIFICATIONS</b>                        |
| <b>5</b>  | <b>GENERAL DIMENSIONS</b>                    |
| <b>7</b>  | <b>BOOM AND JIB ARRANGEMENTS</b>             |
| <b>11</b> | <b>WORKING RANGES</b>                        |
| <b>16</b> | <b>SUPPLEMENTAL DATA</b>                     |
| <b>17</b> | <b>LIFTING CAPACITIES</b>                    |
| <b>23</b> | <b>SUPPLEMENTAL DATA</b>                     |
| <b>24</b> | <b>LIFTING CAPACITIES</b>                    |
| <b>36</b> | <b>SUPPLEMENTAL DATA FOR CLAMSHELL</b>       |
| <b>37</b> | <b>LIFTING CAPACITIES</b>                    |
| <b>38</b> | <b>SUPPLEMENTAL DATA FOR REDUCED WEIGHTS</b> |
| <b>39</b> | <b>LIFTING CAPACITIES</b>                    |
| <b>40</b> | <b>SUPPLEMENTAL DATA FOR BARGE</b>           |
| <b>41</b> | <b>LIFTING CAPACITIES</b>                    |
| <b>42</b> | <b>TRANSPORTATION PLAN</b>                   |
| <b>43</b> | <b>PARTS AND ATTACHMENTS</b>                 |

# SPECIFICATIONS



## Power Plant

**Model:** HINO P11C-VH

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

**Displacement:** 10,520 liters

**Rated power:** 271 kW/1,850 min<sup>-1</sup>

**Max. Torque:** 1,469 N·m/1,400 min<sup>-1</sup>

**Cooling System:** Water-cooled

**Starter:** 24 V-6 kW

**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 12 V x 136 Ah/5 HR capacity batteries, series connected

**Fuel tank capacity:** 400 liters



## Hydraulic System

**Main pumps:** 4 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:** 650 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:** Single line on first drum layer

**Hoisting/Lowering:** 26 to 2 m/min

**Boom hoisting/lowering:** 22 mm x 280 m

**Boom guy line:** 38 mm

**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:**

620 mm P.C.D x 841 mm wide drum, grooved for 28 mm wire rope. Rope capacity is 390 m working length and 470 m storage length.

**Rear Drum:** 620 mm P.C.D x 576 mm, grooved for 28 mm wire rope. Rope capacity is 220 m working length and 318 m storage length.

**Diameter of wire rope**

**Main winch:** 28 mm x 390 m

**Aux. winch:** 28 mm x 220 m

**Line Speed\*:**

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

**Line Pull:**

**Max. Line Pull\* :** 251 kN {25.6 tf}  
(Referential performance)

**Rated Line Pull:** 132 kN {13.5 tf}

\*Single line on first drum layer



## 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:** 2.2 min<sup>-1</sup>



## Upper Structure

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

**Counterweight:** 97.1 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 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:** 23.1 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):** 1,070 mm wide each crawler

**Max. gradeability:** 30 %



### Weight

Including upper and lower machine, 97.1 ton counterweight and 23.1 ton carbody weight, basic boom (or basic boom + basic jib), hook, and other accessories.

**Weight:** 212 ton

**Ground pressure:** 123 kPa



### Attachment

#### Boom & Jib:

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

#### Boom and Jib length

|            | Min. Length<br>(Min. combination) | Max. Length<br>(Max. combination) |
|------------|-----------------------------------|-----------------------------------|
| Crane Boom | 15.2 m                            | 76.2 m                            |
| Fixed Jib  | 42.7 m + 12.2 m                   | 76.2 m + 30.5 m                   |

## Main Specifications (Model: 7250S)

| Crane Boom                    |   |
|-------------------------------|---|
| Max. Lifting Capacity         | 250 t x 4.6 m                           |
| Max. Length                   | 76.2 m                                  |
| Fixed Jib                     |   |
| Max. Lifting Capacity         | 22.7 t x 15.0 m                         |
| Max. Combination              | 76.2 m + 30.5 m                         |
| Long Boom                     |   |
| Max. Lifting Capacity         | 37.5 t x 14.4 m                         |
| Max. Length                   | 91.4 m                                  |
| Tower Jib                     |   |
| Max. Jib Length               | 51.8 m                                  |
| Max. Combination              | 64.1 m + 51.8 m                         |
| Main & Aux. Winch             |   |
| Max. Line Speed (1st layer)   | 110 m/min                               |
| Rated Line Pull (Single line) | 132 kN {13.5 tf}                        |
| Wire Rope Diameter            | 28 mm                                   |
| Wire Rope Length              | 390 m (Main), 220 m (Aux.)              |
| Brake Type (Free fall)        | Wet-type multiple disc brake (Optional) |
| Working Speed                 |   |
| Swing Speed                   | 2.2 min <sup>-1</sup> {rpm}             |
| Travel Speed                  | 1.0/0.5 km/h                            |

| Power Plant             |                                     |
|-------------------------|-------------------------------------|
| Model                   | HINO P11C-VH                        |
| Engine Output           | 271 kW/1,850 min <sup>-1</sup>      |
| Fuel Tank               | 400 liters                          |
| Hydraulic System        |                                     |
| Main Pumps              | 4 variable displacement             |
| Max. Pressure           | 31.9 MPa {325 kgf/cm <sup>2</sup> } |
| Hydraulic Tank Capacity | 650 liters                          |
| Self-Removal Device     |                                     |
|                         | NA                                  |
| Weight                  |                                     |
| Operating Weight        | 212 t *1                            |
| Ground Pressure         | 123 kPa                             |
| Counterweight           | 97,100 kg                           |
| Transport Weight        | 45,200 kg *2                        |

Units are SI units. { } indicates conventional units.

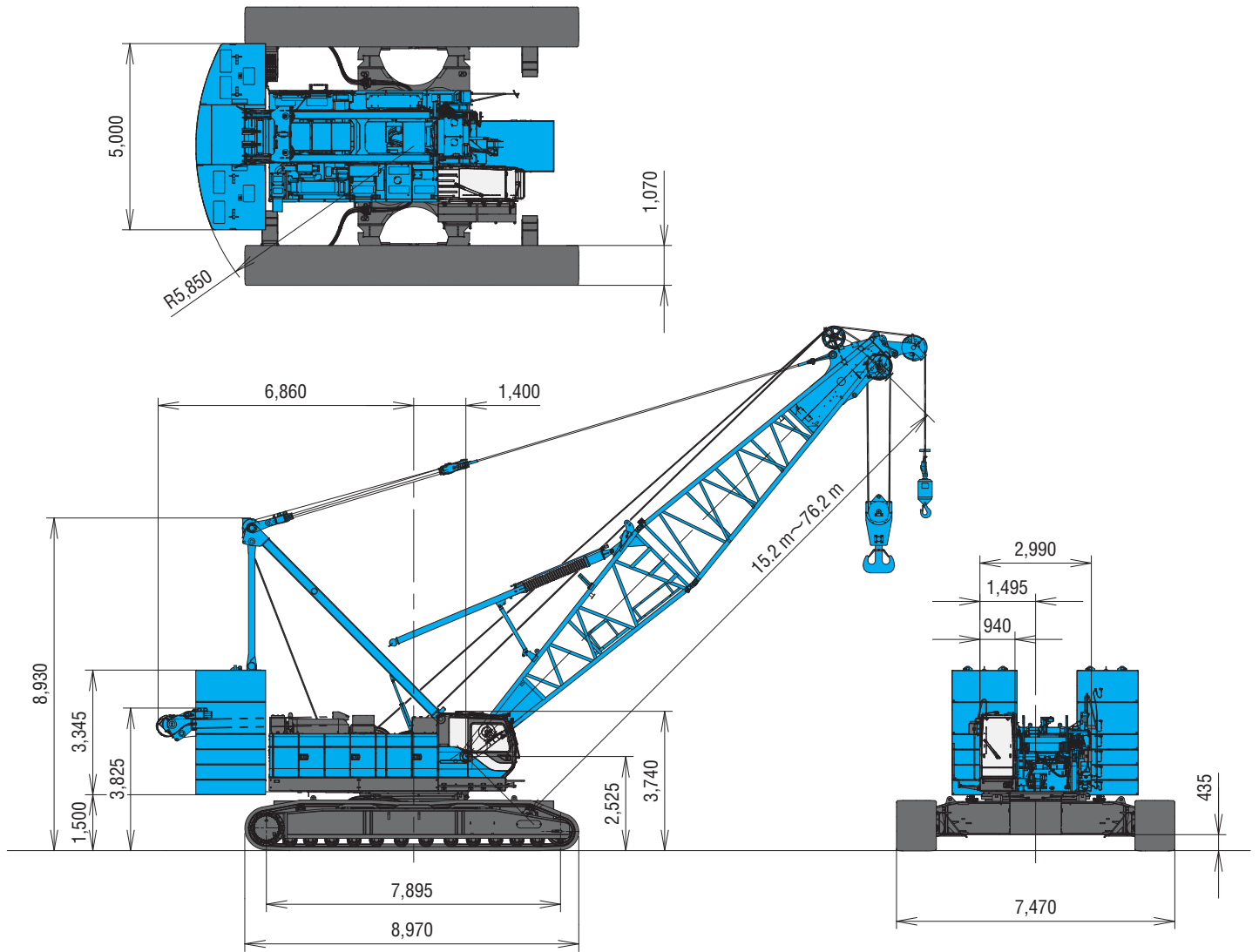
Line speeds in table are for light loads. Line speed varies with load.

\*1 Including upper and lower machine, 97.1 ton counterweight, 23.1 ton carbody weight, basic boom, hook, and other accessories.

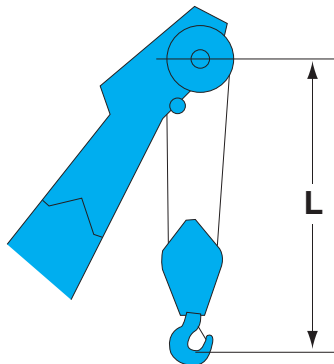
\*2 Base Machine with boom base, gantry, wire ropes (front/boom hoist)

# GENERAL DIMENSIONS

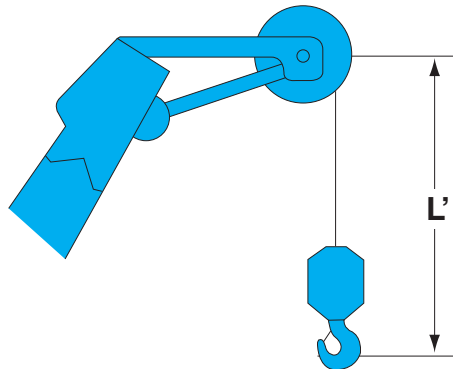
(Unit: mm)



## Limit of Hook Lifting



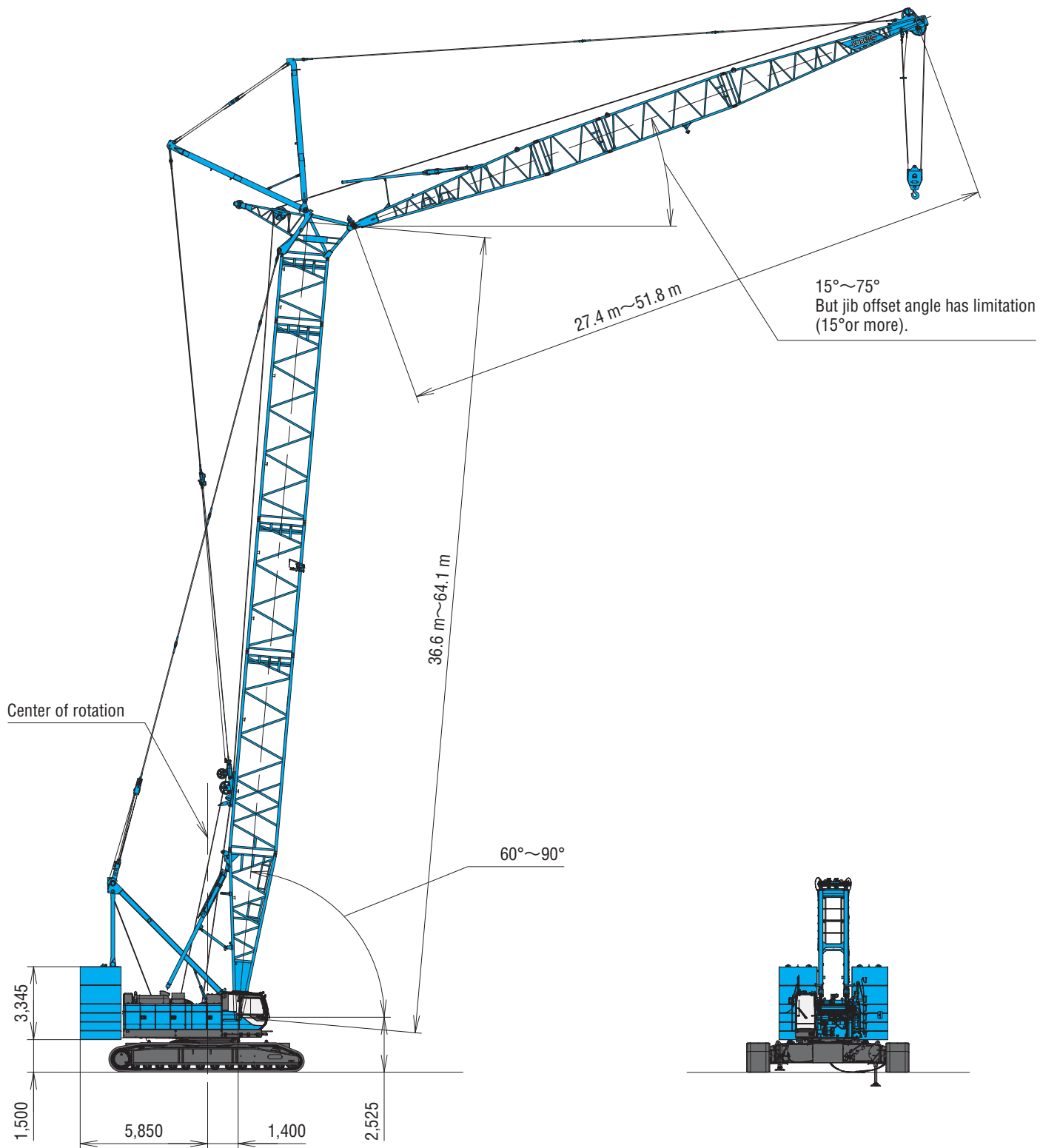
| Hook       | L     |
|------------|-------|
| 250 t hook | 5.3 m |
| 150 t hook | 5.9 m |
| 70 t hook  | 4.9 m |
| 35 t hook  | 4.7 m |



| Hook      | $L'$  |
|-----------|-------|
| Ball hook | 3.2 m |

# Luffing Jib


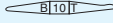
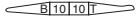
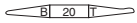
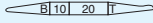
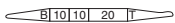
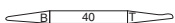

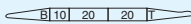
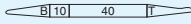
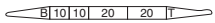
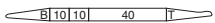

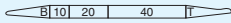
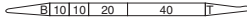
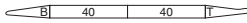
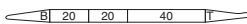
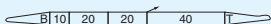
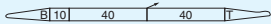
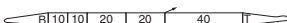


(Unit: mm)

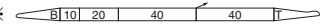
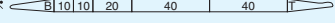
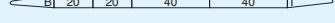

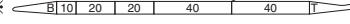

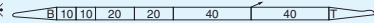
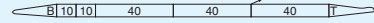
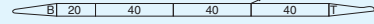

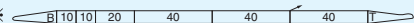
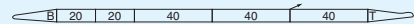
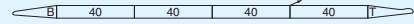


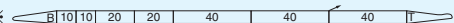
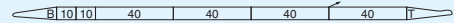
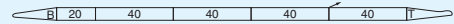
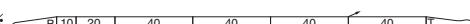
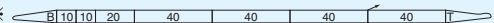







This catalog may contain photographs of machines with specifications, attachments and optional equipment.

# BOOM AND JIB ARRANGEMENTS

## Crane Boom Arrangements

| Boom length m (ft) | Boom arrangement  |
|--------------------|---|
| 15.2 (50)          |    |
| 18.3 (60)          |    |
| 21.3 (70)          | ※ <br>  |
| 24.4 (80)          | ※    |
| 27.4 (90)          | ※ <br><br>       |
| 30.5 (100)         | ※ <br>  |
| 33.5 (110)         | ※ <br><br>       |
| 36.6 (120)         | ※    |
| 39.5 (130)         | ※ <br><br> |
| 42.7 (140)         | ※ <br>  |
| 45.7 (150)         | ※ <br><br> |

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

| 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 |

↗ 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.



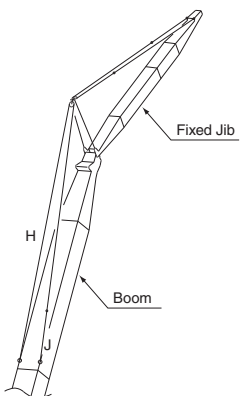
# Long Boom Arrangements

| 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 ~ 76.2 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 |

# BOOM AND JIB ARRANGEMENTS

## Tower Arrangements

| Tower length m (ft) | Tower arrangement                             |
|---------------------|---|
| 36.6 (120)          | <p>Rail for upper spreader of luffing jib</p> |
| 39.7 (130)          | ※   |
| 42.7 (140)          | ※   |
| 45.8 (150)          | ※<br>   |
| 48.8 (160)          | ※<br><br>                                     |

| Tower length m (ft) | Tower arrangement |
|---------------------|-------------------|
| 51.9 (170)          | ※<br>             |
| 54.9 (180)          | ※                 |
| 58.0 (190)          | ※<br>             |
| 61.0 (200)          | ※<br><br>         |
| 64.1 (210)          | ※<br>             |

| 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.

# Tower Jib Arrangements

| Jib length m (ft) | Jib arrangement |
|-------------------|-----------------|
| 27.4 (90)         |                 |
| 30.5 (100)        | ※<br>           |
| 33.5 (110)        | ※<br>           |
| 36.6 (120)        | ※<br>           |
| 39.6 (130)        | ※<br>           |

| Jib length m (ft) | Jib arrangement |
|-------------------|-----------------|
| 42.7 (140)        | ※<br>           |
| 45.7 (150)        | ※<br>           |
| 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 |

※ 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.

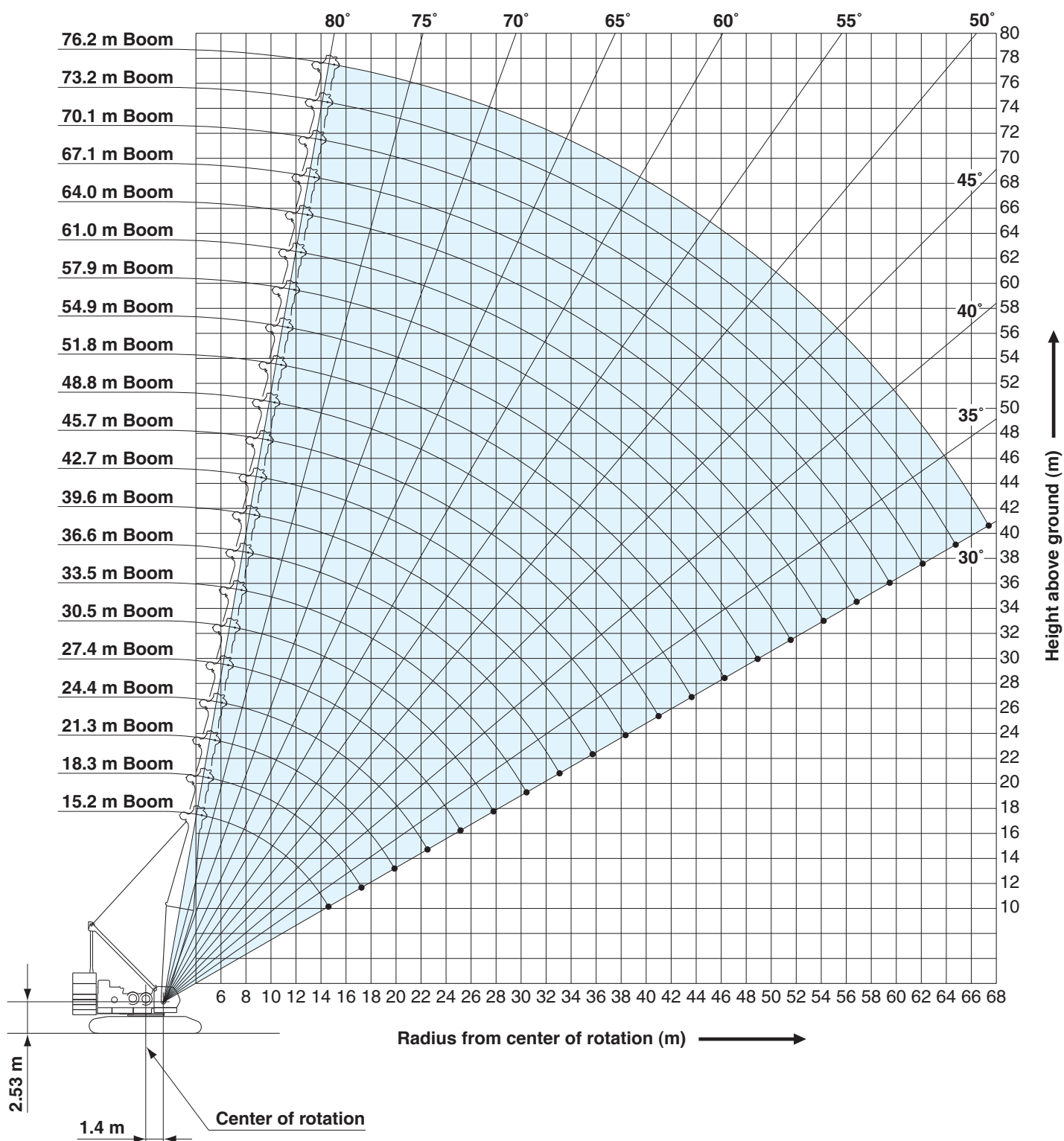
## Tower and Jib Combinations and Allowable Tower Angle

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

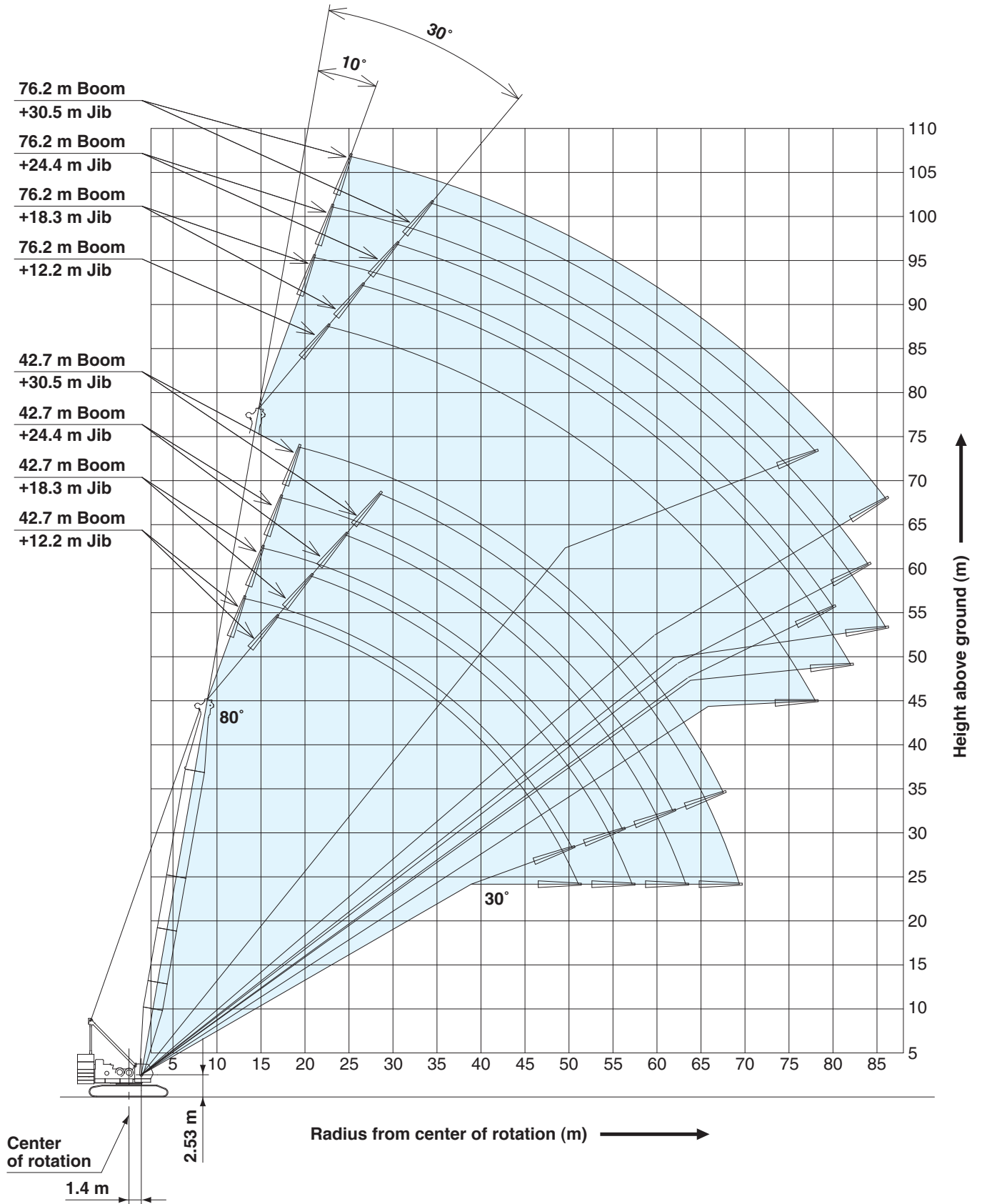
○ : Available  
 × : Not available

# WORKING RANGES

## Crane Boom

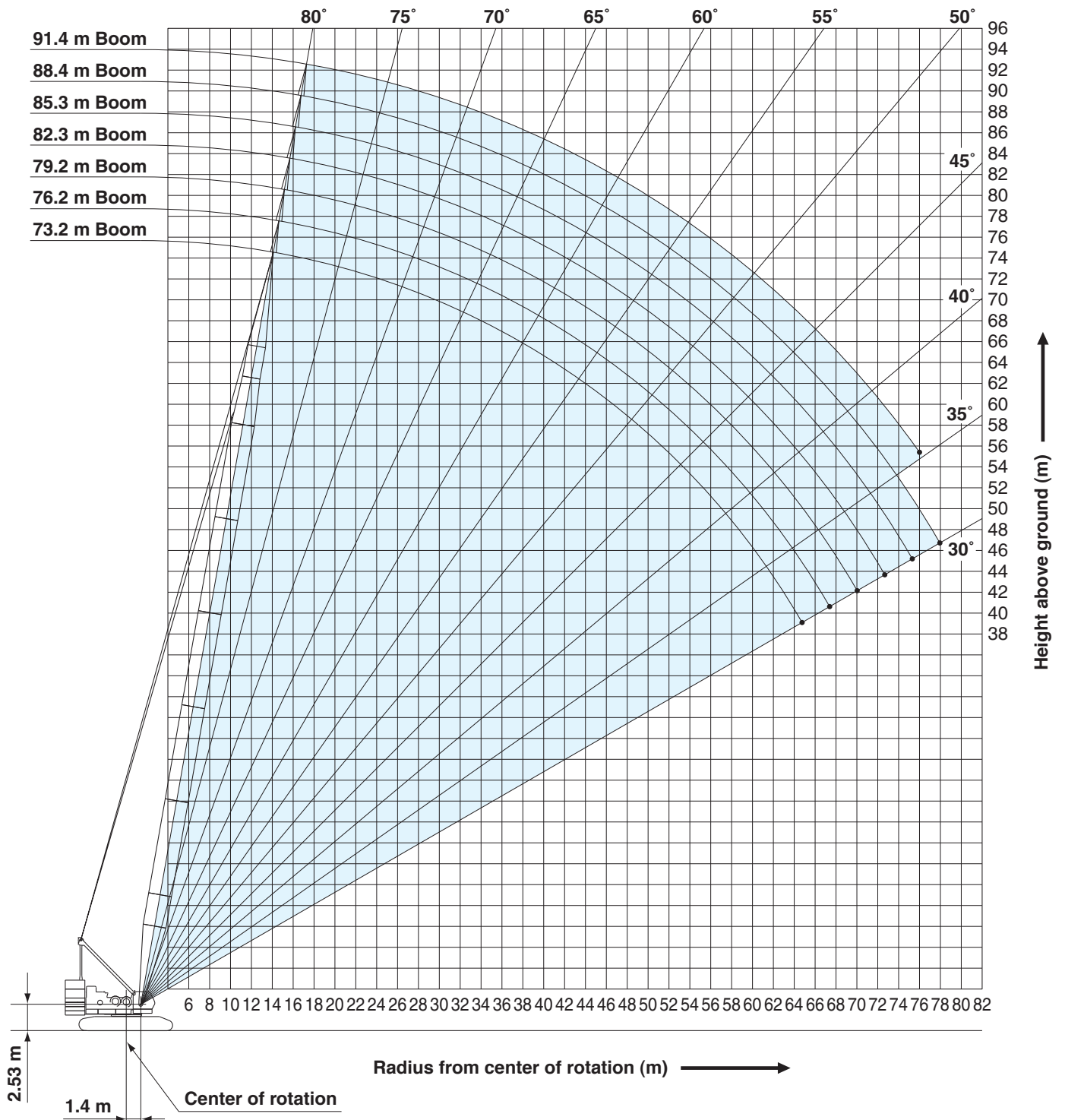


# Fixed Jib 10°, 30°



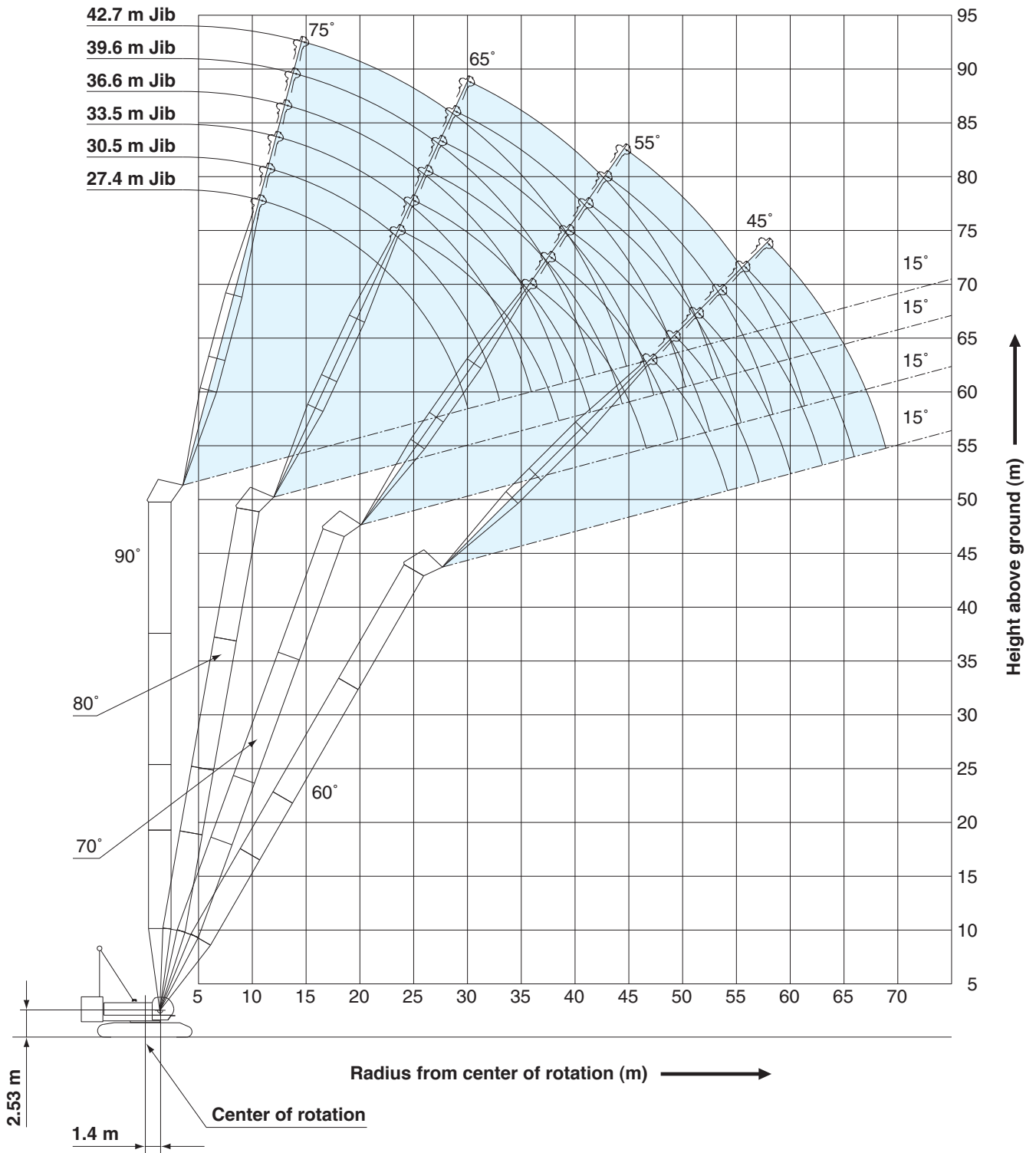
# WORKING RANGES

## Long Boom



# Tower Jib

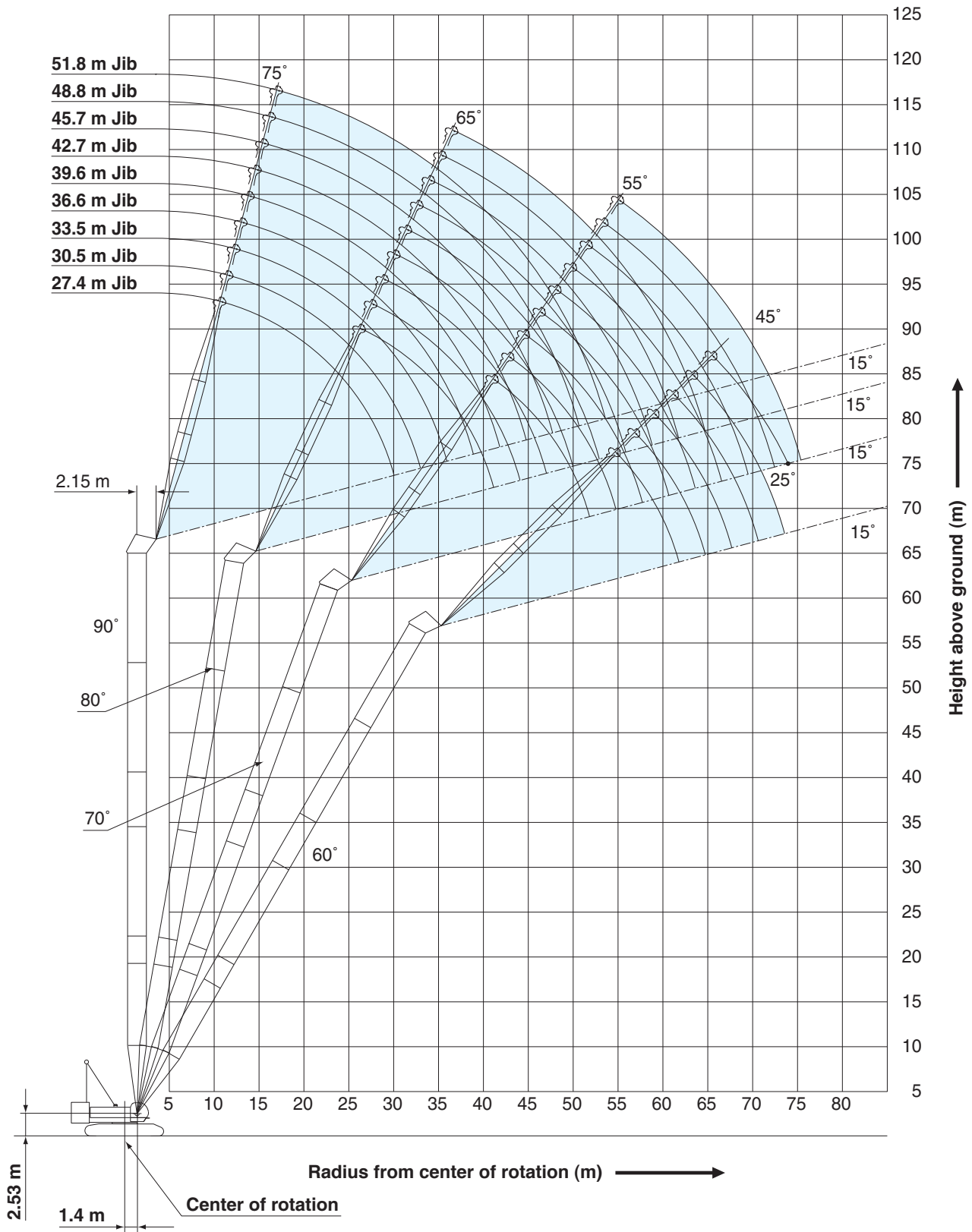
Tower Length: 48.8 m



# WORKING RANGES

## Tower Jib

Tower Length: 64.1 m





- Ratings according to Japanese Construction Codes for Mobile Cranes.
- 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 16 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 2.4 (ton).
- When erecting and lowering the boom length of 76.2 m with fixed jib, the blocks for erection must be placed at the end of the crawlers.

### (Crane boom/long boom lifting)

- 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.

### <Reference Information>

#### Main hoist loads

|                      |      |      |      |      |      |
|----------------------|------|------|------|------|------|
| No. of Parts of Line | 1    | 2    | 3    | 4    | 5    |
| Maximum Loads (kN)   | 132  | 265  | 397  | 530  | 662  |
| Maximum Loads (t)    | 13.5 | 27.0 | 40.5 | 54.0 | 67.5 |

|                      |      |      |       |       |       |
|----------------------|------|------|-------|-------|-------|
| No. of Parts of Line | 6    | 7    | 8     | 9     | 10    |
| Maximum Loads (kN)   | 794  | 927  | 1,059 | 1,192 | 1,324 |
| Maximum Loads (t)    | 81.0 | 94.5 | 108.0 | 121.5 | 135.0 |

|                      |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|
| No. of Parts of Line | 11    | 12    | 14    | 16    | 18    |
| Maximum Loads (kN)   | 1,456 | 1,530 | 1,785 | 1,961 | 2,206 |
| Maximum Loads (t)    | 148.5 | 156.0 | 182.0 | 200.0 | 225.0 |

|                      |       |
|----------------------|-------|
| No. of Parts of Line | 22    |
| Maximum Loads (kN)   | 2,452 |
| Maximum Loads (t)    | 250.0 |

#### Auxiliary hoist loads

|                      |      |      |
|----------------------|------|------|
| No. of Parts of Line | 1    | 2    |
| Maximum Loads (kN)   | 132  | 265  |
| Maximum Loads (t)    | 13.5 | 27.0 |

| Weight of hook block |       |       |      |      |           |
|----------------------|-------|-------|------|------|-----------|
| Hook Block           | 250 t | 150 t | 70 t | 35 t | Ball Hook |
| Weight (t)           | 4.2   | 2.3   | 1.2  | 0.9  | 0.45      |

### (Fixed jib lifting)

- The total load that can be lifted is the value for 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 42.7 m to 76.2 m.
- One part of line on hook is not allowed to use for 12.2 m jib length with offset angle 10 degrees.

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

# LIFTING CAPACITIES



## Crane Boom Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 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                | 4.6m/250.0      |            |            |            |            |            |            |            |            |            |            |            |            |                 | 4.6                |
| 5.0                | 230.7           | 5.0m/219.0 | 5.5m/197.6 |            |            |            |            |            |            |            |            |            |            |                 | 5.0                |
| 6.0                | 191.5           | 191.5      | 191.1      | 6.1m/175.6 | 6.6m/156.0 |            |            |            |            |            |            |            |            |                 | 6.0                |
| 7.0                | 165.9           | 165.6      | 165.2      | 165.0      | 154.4      | 7.1m/141.7 | 7.7m/128.5 |            |            |            |            |            |            |                 | 7.0                |
| 8.0                | 146.1           | 145.8      | 145.4      | 145.2      | 144.9      | 137.3      | 127.0      | 8.2m/117.3 | 8.7m/107.1 |            |            |            |            |                 | 8.0                |
| 9.0                | 130.4           | 130.1      | 129.8      | 129.6      | 129.2      | 129.0      | 122.9      | 114.4      | 106.2      | 9.2m/98.6  | 9.8m/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       | 10.3m/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               | 14.8m/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               |                 | 17.5m/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               |                 |            | 20.1m/44.8 | 39.6       | 39.3       | 39.1       | 38.8       | 38.8       | 38.5       | 38.3       | 38.1       | 38.0       |            |                 | 22.0               |
| 24.0               |                 |            |            | 22.7m/38.0 | 35.1       | 34.9       | 34.5       | 34.5       | 34.2       | 34.0       | 33.8       | 33.7       |            |                 | 24.0               |
| 26.0               |                 |            |            |            | 25.4m/32.6 | 31.4       | 31.0       | 31.0       | 30.7       | 30.5       | 30.3       | 30.2       |            |                 | 26.0               |
| 28.0               |                 |            |            |            |            | 28.0m/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               |                 |            |            |            |            |            |            | 30.7m/25.0 | 23.5       | 23.2       | 22.9       | 22.7       | 22.6       |                 | 32.0               |
| 34.0               |                 |            |            |            |            |            |            |            | 33.3m/22.3 | 21.4       | 21.1       | 20.8       | 20.7       |                 | 34.0               |
| 36.0               |                 |            |            |            |            |            |            |            |            | 35.9m/19.8 | 19.5       | 19.2       | 19.1       |                 | 36.0               |
| 38.0               |                 |            |            |            |            |            |            |            |            |            | 18.1       | 17.8       | 17.7       |                 | 38.0               |
| 40.0               |                 |            |            |            |            |            |            |            |            |            | 38.6m/17.7 | 16.5       | 16.4       |                 | 40.0               |
| 42.0               |                 |            |            |            |            |            |            |            |            |            |            | 41.2m/15.8 | 15.3       |                 | 42.0               |
| 44.0               |                 |            |            |            |            |            |            |            |            |            |            |            | 43.9m/14.3 |                 | 44.0               |
| Reeves             |                 | 22         | 18         | 16         | 14         | 12         | 11         | 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            |            |            |            |            |            |            |            |            |      |                 |                    |
| 10.0               | 10.0m/77.0      | 11.4m/71.4 | 11.9m/65.8 |            |            |            |            |            |            |      |                 | 10.0               |
| 12.0               | 75.0            | 70.4       | 65.6       | 12.4m/61.1 | 12.9m/56.3 | 13.5m/51.6 |            |            |            |      |                 | 12.0               |
| 14.0               | 70.8            | 66.5       | 61.9       | 58.3       | 54.7       | 50.8       | 14.0m/47.6 | 14.5m/43.1 | 15.1m/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               | 46.5m/12.8      | 11.9       | 11.6       | 11.5       | 11.2       | 11.0       | 10.7       | 10.6       | 10.4       |      |                 | 48.0               |
| 50.0               |                 | 49.1m/11.5 | 10.9       | 10.7       | 10.4       | 10.2       | 9.9        | 9.8        | 9.6        |      |                 | 50.0               |
| 52.0               |                 |            | 51.8m/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               |                 |            |            | 54.4m/9.2  | 8.4        | 8.3        | 8.0        | 7.8        | 7.6        |      |                 | 56.0               |
| 58.0               |                 |            |            |            | 57.1m/8.2  | 7.7        | 7.4        | 7.2        | 6.9        |      |                 | 58.0               |
| 60.0               |                 |            |            |            |            | 59.7m/7.3  | 6.8        | 6.6        | 6.3        |      |                 | 60.0               |
| 62.0               |                 |            |            |            |            |            | 6.3        | 6.0        | 5.7        |      |                 | 62.0               |
| 64.0               |                 |            |            |            |            |            | 62.3m/6.2  | 5.5        | 5.2        |      |                 | 64.0               |
| 66.0               |                 |            |            |            |            |            |            | 65.0m/5.3  | 4.7        |      |                 | 66.0               |
| 68.0               |                 |            |            |            |            |            |            |            | 67.6m/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. 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.



# Long Boom Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 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                                 | 14.4m/37.5 | 14.9m/34.5 | 15.4m/32.6 |            |            |            |            | 14.0                                 |
| 16.0                                 | 36.0       | 33.5       | 32.1       | 16.0m/31.2 | 16.5m/27.0 | 17.0m/25.4 | 17.6m/21.5 | 16.0                                 |
| 18.0                                 | 34.4       | 31.9       | 30.6       | 29.6       | 27.0       | 25.0       | 21.2       | 18.0                                 |
| 20.0                                 | 32.9       | 30.4       | 29.1       | 28.2       | 26.2       | 24.1       | 20.0       | 20.0                                 |
| 22.0                                 | 31.6       | 29.1       | 27.9       | 26.9       | 25.2       | 23.0       | 18.9       | 22.0                                 |
| 24.0                                 | 30.4       | 27.9       | 26.8       | 25.7       | 24.2       | 22.0       | 17.8       | 24.0                                 |
| 26.0                                 | 28.8       | 26.5       | 25.6       | 24.6       | 23.2       | 21.1       | 16.9       | 26.0                                 |
| 28.0                                 | 26.2       | 25.2       | 24.5       | 23.6       | 22.3       | 20.1       | 16.0       | 28.0                                 |
| 30.0                                 | 23.8       | 23.6       | 23.3       | 22.6       | 21.1       | 19.1       | 15.3       | 30.0                                 |
| 32.0                                 | 21.8       | 21.7       | 21.6       | 21.5       | 19.9       | 18.1       | 14.5       | 32.0                                 |
| 34.0                                 | 19.9       | 19.9       | 19.7       | 19.7       | 18.7       | 17.1       | 13.8       | 34.0                                 |
| 36.0                                 | 18.3       | 18.3       | 18.2       | 18.1       | 17.7       | 16.1       | 13.1       | 36.0                                 |
| 38.0                                 | 16.9       | 16.8       | 16.7       | 16.7       | 16.5       | 15.1       | 12.5       | 38.0                                 |
| 40.0                                 | 15.6       | 15.6       | 15.4       | 15.4       | 15.4       | 14.2       | 11.8       | 40.0                                 |
| 42.0                                 | 14.5       | 14.5       | 14.3       | 14.3       | 14.3       | 13.4       | 11.2       | 42.0                                 |
| 44.0                                 | 13.4       | 13.4       | 13.2       | 13.2       | 13.2       | 12.5       | 10.7       | 44.0                                 |
| 46.0                                 | 12.5       | 12.5       | 12.3       | 12.3       | 12.2       | 11.8       | 10.2       | 46.0                                 |
| 48.0                                 | 11.6       | 11.5       | 11.4       | 11.4       | 11.3       | 11.1       | 9.8        | 48.0                                 |
| 50.0                                 | 10.7       | 10.7       | 10.6       | 10.5       | 10.5       | 10.3       | 9.4        | 50.0                                 |
| 52.0                                 | 10.0       | 10.0       | 9.9        | 9.8        | 9.8        | 9.6        | 8.9        | 52.0                                 |
| 54.0                                 | 9.3        | 9.3        | 9.1        | 9.1        | 9.0        | 9.0        | 8.5        | 54.0                                 |
| 56.0                                 | 8.6        | 8.6        | 8.5        | 8.4        | 8.4        | 8.4        | 7.8        | 56.0                                 |
| 58.0                                 | 8.0        | 8.0        | 7.8        | 7.8        | 7.7        | 7.7        | 7.2        | 58.0                                 |
| 60.0                                 | 7.4        | 7.3        | 7.2        | 7.2        | 7.1        | 7.1        | 6.7        | 60.0                                 |
| 62.0                                 | 6.8        | 6.7        | 6.7        | 6.6        | 6.6        | 6.6        | 6.1        | 62.0                                 |
| 64.0                                 | 6.3        | 6.1        | 6.1        | 6.1        | 6.0        | 6.0        | 5.6        | 64.0                                 |
| 66.0                                 | 64.9m/6.1  | 5.6        | 5.6        | 5.6        | 5.6        | 5.6        | 5.1        | 66.0                                 |
| 68.0                                 |            | 67.5m/5.4  | 5.3        | 5.2        | 5.2        | 5.2        | 4.6        | 68.0                                 |
| 70.0                                 |            |            | 4.8        | 4.7        | 4.7        | 4.7        | 4.1        | 70.0                                 |
| 72.0                                 |            |            | 70.2m/4.8  | 4.3        | 4.3        | 4.3        | 3.6        | 72.0                                 |
| 74.0                                 |            |            |            | 72.8m/4.2  | 3.9        | 3.9        | 3.1        | 74.0                                 |
| 76.0                                 |            |            |            |            | 74.5m/3.7  | 3.5        | 76.0m/2.6  | 76.0                                 |
| 78.0                                 |            |            |            |            |            | 3.2        |            | 78.0                                 |
| 80.0                                 |            |            |            |            |            | 78.1m/3.2  |            | 80.0                                 |
| Reeves                               | 3          | 3          | 3          | 3          | 2          | 2          | 2          | Reeves                               |

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes.

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



## Fixed Jib Lifting Capacities (Without Main Hook) (Jib Offset Angle : 10°)

Counterweight: 97.1 t  
Carbody Weight: 23.1 t  
Unit: metric ton

| Boom length (m)    |      | 42.7       |            |           |           | 45.7       |            |           |           | 48.8       |            |           |           | 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) | 12.0 | 12.9m/22.7 |            |           |           | 13.4m/22.7 |            |           |           | 13.9m/22.7 |            |           |           | 12.0            |  |
|                    | 14.0 | 22.4       | 15.3m/15.3 |           |           | 22.6       | 15.8m/15.2 |           |           | 22.7       |            |           |           | 14.0            |  |
|                    | 16.0 | 22.0       | 15.1       | 17.1m/8.6 |           | 22.1       | 15.2       | 17.6m/8.5 |           | 22.2       | 16.3m/15.2 |           |           | 16.0            |  |
|                    | 18.0 | 21.6       | 14.8       | 8.5       | 18.5m/5.1 | 21.7       | 14.9       | 8.5       | 19.0m/5.1 | 21.8       | 15.0       | 18.1m/8.5 | 19.6m/5.1 | 18.0            |  |
|                    | 20.0 | 21.1       | 14.6       | 8.3       | 5.0       | 21.3       | 14.6       | 8.4       | 5.0       | 21.4       | 14.7       | 8.4       | 5.0       | 20.0            |  |
|                    | 22.0 | 20.8       | 14.3       | 8.2       | 4.9       | 20.9       | 14.4       | 8.3       | 4.9       | 21.1       | 14.5       | 8.3       | 4.9       | 22.0            |  |
|                    | 24.0 | 20.4       | 14.0       | 8.1       | 4.8       | 20.6       | 14.1       | 8.1       | 4.8       | 20.7       | 14.2       | 8.2       | 4.8       | 24.0            |  |
|                    | 26.0 | 20.1       | 13.8       | 7.8       | 4.6       | 20.3       | 13.9       | 7.9       | 4.6       | 20.4       | 14.0       | 8.0       | 4.7       | 26.0            |  |
|                    | 28.0 | 19.8       | 13.5       | 7.5       | 4.4       | 20.0       | 13.6       | 7.6       | 4.5       | 20.1       | 13.7       | 7.8       | 4.5       | 28.0            |  |
|                    | 30.0 | 19.5       | 13.3       | 7.3       | 4.2       | 19.7       | 13.4       | 7.4       | 4.3       | 19.9       | 13.5       | 7.5       | 4.4       | 30.0            |  |
|                    | 32.0 | 19.3       | 13.1       | 7.1       | 4.0       | 19.3       | 13.2       | 7.2       | 4.1       | 19.6       | 13.3       | 7.3       | 4.2       | 32.0            |  |
|                    | 34.0 | 18.8       | 12.9       | 6.8       | 3.9       | 18.6       | 13.0       | 7.0       | 4.0       | 19.1       | 13.1       | 7.1       | 4.0       | 34.0            |  |
|                    | 36.0 | 18.1       | 12.5       | 6.6       | 3.8       | 17.8       | 12.8       | 6.8       | 3.8       | 18.5       | 12.9       | 6.9       | 3.9       | 36.0            |  |
|                    | 38.0 | 17.4       | 11.9       | 6.5       | 3.6       | 17.1       | 12.4       | 6.6       | 3.7       | 17.8       | 12.8       | 6.7       | 3.8       | 38.0            |  |
|                    | 40.0 | 16.8       | 11.4       | 6.3       | 3.5       | 16.3       | 11.8       | 6.4       | 3.6       | 16.7       | 12.3       | 6.5       | 3.7       | 40.0            |  |
|                    | 42.0 | 15.8       | 10.9       | 6.1       | 3.4       | 15.5       | 11.3       | 6.3       | 3.5       | 15.5       | 11.7       | 6.4       | 3.5       | 42.0            |  |
|                    | 44.0 | 14.8       | 10.4       | 6.0       | 3.3       | 14.6       | 10.8       | 6.1       | 3.4       | 14.4       | 11.2       | 6.2       | 3.4       | 44.0            |  |
|                    | 46.0 | 14.0       | 10.0       | 5.9       | 3.2       | 13.6       | 10.4       | 6.0       | 3.3       | 13.4       | 10.8       | 6.1       | 3.3       | 46.0            |  |
|                    | 48.0 | 13.1       | 9.6        | 5.7       | 3.1       | 12.7       | 10.0       | 5.8       | 3.2       | 12.5       | 10.4       | 6.0       | 3.2       | 48.0            |  |
|                    | 50.0 | 12.2       | 9.3        | 5.6       | 3.0       | 11.9       | 9.7        | 5.7       | 3.1       | 11.7       | 10.0       | 5.8       | 3.2       | 50.0            |  |
|                    | 52.0 | 50.3m/12.1 | 9.0        | 5.5       | 2.9       | 11.2       | 9.3        | 5.6       | 3.0       | 11.0       | 9.7        | 5.7       | 3.1       | 52.0            |  |
|                    | 54.0 |            | 8.7        | 5.4       | 2.9       | 52.9m/10.9 | 9.0        | 5.5       | 2.9       | 10.3       | 9.4        | 5.6       | 3.0       | 54.0            |  |
|                    | 56.0 |            | 8.5        | 5.3       | 2.8       |            | 8.8        | 5.4       | 2.9       | 55.5m/9.8  | 9.1        | 5.5       | 2.9       | 56.0            |  |
|                    | 58.0 |            | 56.1m/8.4  | 5.3       | 2.7       |            | 8.5        | 5.3       | 2.8       |            | 8.8        | 5.4       | 2.9       | 58.0            |  |
|                    | 60.0 |            |            | 5.2       | 2.7       |            | 58.7m/8.4  | 5.3       | 2.7       |            | 8.6        | 5.3       | 2.8       | 60.0            |  |
|                    | 62.0 |            |            | 61.7m/5.1 | 2.6       |            |            | 5.2       | 2.7       |            | 61.4m/8.4  | 5.3       | 2.7       | 62.0            |  |
|                    | 64.0 |            |            |           | 2.6       |            |            | 5.2       | 2.6       |            |            | 5.2       | 2.7       | 64.0            |  |
|                    | 66.0 |            |            |           | 2.5       |            |            | 64.4m/5.1 | 2.6       |            |            | 5.2       | 2.6       | 66.0            |  |
| 68.0               |      |            |            | 67.2m/2.5 |           |            |            | 2.5       |           |            | 67.0m/5.1  | 2.6       | 68.0      |                 |  |
| 70.0               |      |            |            |           |           |            |            | 69.8m/2.5 |           |            |            | 2.6       | 70.0      |                 |  |
| 72.0               |      |            |            |           |           |            |            |           |           |            |            | 2.5       | 72.0      |                 |  |
| 74.0               |      |            |            |           |           |            |            |           |           |            |            | 72.5m/2.5 | 74.0      |                 |  |
| Reeves             |      | 2          | 2          | 1         | 1         | 2          | 2          | 1         | 1         | 2          | 2          | 1         | 1         | Reeves          |  |

| Boom length (m)    |      | 51.8       |            |           |           | 54.9       |            |           |           | 57.9       |            |           |           | 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) | 14.0 | 14.4m/22.7 |            |           |           | 15.0m/22.7 |            |           |           | 15.5m/22.6 |            |           |           | 14.0            |  |
|                    | 16.0 | 22.4       | 16.8m/15.2 |           |           | 22.5       | 17.4m/13.5 |           |           | 22.5       | 17.9m/13.5 |           |           | 16.0            |  |
|                    | 18.0 | 22.0       | 15.1       | 18.7m/8.5 |           | 22.1       | 13.5       | 19.2m/8.5 |           | 22.2       | 13.5       | 19.7m/8.5 |           | 18.0            |  |
|                    | 20.0 | 21.6       | 14.8       | 8.4       | 20.0m/5.1 | 21.7       | 13.5       | 8.5       | 20.6m/5.0 | 21.8       | 13.5       | 8.5       | 21.1m/5.0 | 20.0            |  |
|                    | 22.0 | 21.2       | 14.5       | 8.3       | 5.0       | 21.4       | 13.5       | 8.3       | 5.0       | 21.5       | 13.5       | 8.4       | 5.0       | 22.0            |  |
|                    | 24.0 | 20.9       | 14.3       | 8.2       | 4.9       | 21.0       | 13.5       | 8.2       | 4.9       | 21.2       | 13.5       | 8.3       | 4.9       | 24.0            |  |
|                    | 26.0 | 20.6       | 14.1       | 8.1       | 4.8       | 20.7       | 13.5       | 8.1       | 4.8       | 20.9       | 13.5       | 8.2       | 4.8       | 26.0            |  |
|                    | 28.0 | 20.3       | 13.8       | 7.9       | 4.6       | 20.4       | 13.5       | 8.0       | 4.7       | 20.6       | 13.5       | 8.1       | 4.7       | 28.0            |  |
|                    | 30.0 | 20.0       | 13.6       | 7.6       | 4.4       | 20.2       | 13.5       | 7.7       | 4.5       | 20.3       | 13.5       | 7.8       | 4.5       | 30.0            |  |
|                    | 32.0 | 19.8       | 13.4       | 7.4       | 4.3       | 19.9       | 13.5       | 7.5       | 4.3       | 20.0       | 13.5       | 7.6       | 4.4       | 32.0            |  |
|                    | 34.0 | 19.5       | 13.2       | 7.2       | 4.1       | 19.7       | 13.3       | 7.3       | 4.2       | 19.8       | 13.4       | 7.4       | 4.2       | 34.0            |  |
|                    | 36.0 | 19.2       | 13.0       | 7.0       | 4.0       | 18.9       | 13.1       | 7.1       | 4.0       | 18.6       | 13.2       | 7.2       | 4.1       | 36.0            |  |
|                    | 38.0 | 17.7       | 12.9       | 6.8       | 3.8       | 17.4       | 13.0       | 6.9       | 3.9       | 17.1       | 13.1       | 7.0       | 4.0       | 38.0            |  |
|                    | 40.0 | 16.4       | 12.7       | 6.6       | 3.7       | 16.1       | 12.8       | 6.7       | 3.8       | 15.8       | 12.9       | 6.8       | 3.9       | 40.0            |  |
|                    | 42.0 | 15.2       | 12.1       | 6.5       | 3.6       | 14.9       | 12.6       | 6.6       | 3.7       | 14.6       | 12.8       | 6.7       | 3.7       | 42.0            |  |
|                    | 44.0 | 14.1       | 11.6       | 6.3       | 3.5       | 13.8       | 12.0       | 6.4       | 3.6       | 13.5       | 12.4       | 6.5       | 3.6       | 44.0            |  |
|                    | 46.0 | 13.1       | 11.2       | 6.2       | 3.4       | 12.8       | 11.6       | 6.3       | 3.5       | 12.5       | 11.9       | 6.4       | 3.5       | 46.0            |  |
|                    | 48.0 | 12.2       | 10.8       | 6.1       | 3.3       | 12.0       | 11.1       | 6.2       | 3.4       | 11.6       | 11.5       | 6.3       | 3.4       | 48.0            |  |
|                    | 50.0 | 11.4       | 10.4       | 5.9       | 3.2       | 11.1       | 10.7       | 6.0       | 3.3       | 10.8       | 11.1       | 6.1       | 3.3       | 50.0            |  |
|                    | 52.0 | 10.7       | 10.0       | 5.8       | 3.1       | 10.4       | 10.4       | 5.9       | 3.2       | 10.1       | 10.5       | 6.0       | 3.3       | 52.0            |  |
|                    | 54.0 | 10.0       | 9.7        | 5.7       | 3.1       | 9.7        | 10.0       | 5.8       | 3.1       | 9.4        | 9.8        | 5.9       | 3.2       | 54.0            |  |
|                    | 56.0 | 9.4        | 9.4        | 5.6       | 3.0       | 9.1        | 9.5        | 5.7       | 3.0       | 8.8        | 9.2        | 5.8       | 3.1       | 56.0            |  |
|                    | 58.0 | 8.8        | 9.1        | 5.5       | 2.9       | 8.5        | 8.9        | 5.6       | 3.0       | 8.2        | 8.6        | 5.7       | 3.0       | 58.0            |  |
|                    | 60.0 | 58.2m/8.7  | 8.6        | 5.4       | 2.9       | 8.0        | 8.3        | 5.5       | 2.9       | 7.6        | 8.0        | 5.6       | 3.0       | 60.0            |  |
|                    | 62.0 |            | 8.1        | 5.4       | 2.8       | 60.8m/7.8  | 7.8        | 5.4       | 2.8       | 7.1        | 7.5        | 5.5       | 2.9       | 62.0            |  |
|                    | 64.0 |            | 64.0m/7.7  | 5.3       | 2.7       |            | 7.4        | 5.4       | 2.8       | 63.5m/6.8  | 7.0        | 5.4       | 2.8       | 64.0            |  |
|                    | 66.0 |            |            | 5.2       | 2.7       |            | 6.9        | 5.3       | 2.7       |            | 6.6        | 5.4       | 2.8       | 66.0            |  |
|                    | 68.0 |            |            | 5.2       | 2.6       |            | 66.6m/6.8  | 5.2       | 2.7       |            | 6.2        | 5.3       | 2.7       | 68.0            |  |
| 70.0               |      |            | 69.6m/5.1  | 2.6       |           |            | 5.2        | 2.6       |           | 69.3m/5.9  | 5.2        | 2.7       | 70.0      |                 |  |
| 72.0               |      |            |            | 2.6       |           |            | 5.1        | 2.6       |           |            | 5.2        | 2.6       | 72.0      |                 |  |
| 74.0               |      |            |            | 2.5       |           |            | 72.3m/5.1  | 2.6       |           |            | 5.1        | 2.6       | 74.0      |                 |  |
| 76.0               |      |            |            | 75.1m/2.5 |           |            |            | 2.5       |           |            | 74.9m/5.1  | 2.6       | 76.0      |                 |  |
| 78.0               |      |            |            |           |           |            |            | 77.7m/2.5 |           |            |            | 2.5       | 78.0      |                 |  |
| 80.0               |      |            |            |           |           |            |            |           |           |            |            | 2.5       | 80.0      |                 |  |
| 82.0               |      |            |            |           |           |            |            |           |           |            |            | 80.4m/2.5 | 82.0      |                 |  |
| Reeves             |      | 2          | 2          | 1         | 1         | 2          | 1          | 1         | 1         | 2          | 1          | 1         | 1         | Reeves          |  |

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes.

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

12.2 m (40 ft) jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.

Lifting capacities may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.



# Fixed Jib Lifting Capacities (Without Main Hook)

## (Jib Offset Angle : 10°)

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| Boom length (m) | 61.0       |           |           | 64.0       |           |           | 67.1       |           |           | 70.1       |           |           | Boom length (m) |
|-----------------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|-----------------|
| Jib length (m)  | 18.3       | 24.4      | 30.5      | 18.3       | 24.4      | 30.5      | 18.3       | 24.4      | 30.5      | 18.3       | 24.4      | 30.5      | Jib length (m)  |
| 18.0            | 18.4m/13.5 |           |           | 18.9m/13.5 |           |           | 19.4m/13.5 |           |           |            |           |           | 18.0            |
| 20.0            | 13.5       | 20.3m/8.5 | 21.7m/5.0 | 13.5       | 20.8m/8.5 |           | 13.5       | 21.4m/8.5 |           | 20.0m/13.5 | 21.8m/8.5 |           | 20.0            |
| 22.0            | 13.5       | 8.4       | 5.0       | 13.5       | 8.4       | 22.2m/5.0 | 13.5       | 8.5       | 22.7m/5.0 | 13.5       | 8.5       | 23.3m/5.0 | 22.0            |
| 24.0            | 13.5       | 8.3       | 4.9       | 13.5       | 8.3       | 4.9       | 13.5       | 8.3       | 5.0       | 13.5       | 8.4       | 5.0       | 24.0            |
| 26.0            | 13.5       | 8.2       | 4.8       | 13.5       | 8.2       | 4.9       | 13.5       | 8.2       | 4.9       | 13.5       | 8.3       | 4.9       | 26.0            |
| 28.0            | 13.5       | 8.1       | 4.8       | 13.5       | 8.1       | 4.8       | 13.5       | 8.1       | 4.8       | 13.5       | 8.2       | 4.8       | 28.0            |
| 30.0            | 13.5       | 7.9       | 4.6       | 13.5       | 8.0       | 4.7       | 13.5       | 8.1       | 4.7       | 13.5       | 8.1       | 4.7       | 30.0            |
| 32.0            | 13.5       | 7.7       | 4.4       | 13.5       | 7.8       | 4.5       | 13.5       | 7.9       | 4.6       | 13.5       | 8.0       | 4.6       | 32.0            |
| 34.0            | 13.5       | 7.5       | 4.3       | 13.5       | 7.6       | 4.4       | 13.5       | 7.7       | 4.4       | 13.5       | 7.8       | 4.5       | 34.0            |
| 36.0            | 13.3       | 7.3       | 4.2       | 13.4       | 7.4       | 4.2       | 13.5       | 7.5       | 4.3       | 13.5       | 7.6       | 4.3       | 36.0            |
| 38.0            | 13.2       | 7.1       | 4.0       | 13.3       | 7.2       | 4.1       | 13.3       | 7.3       | 4.2       | 13.4       | 7.4       | 4.2       | 38.0            |
| 40.0            | 13.0       | 6.9       | 3.9       | 13.1       | 7.0       | 4.0       | 13.2       | 7.1       | 4.0       | 13.3       | 7.2       | 4.1       | 40.0            |
| 42.0            | 12.9       | 6.8       | 3.8       | 12.9       | 6.9       | 3.9       | 13.0       | 7.0       | 3.9       | 13.1       | 7.1       | 4.0       | 42.0            |
| 44.0            | 12.7       | 6.6       | 3.7       | 12.8       | 6.7       | 3.8       | 12.9       | 6.8       | 3.8       | 12.9       | 6.9       | 3.9       | 44.0            |
| 46.0            | 12.3       | 6.5       | 3.6       | 12.5       | 6.6       | 3.6       | 12.2       | 6.7       | 3.7       | 11.9       | 6.8       | 3.8       | 46.0            |
| 48.0            | 11.8       | 6.4       | 3.5       | 11.6       | 6.4       | 3.6       | 11.3       | 6.5       | 3.6       | 11.0       | 6.6       | 3.7       | 48.0            |
| 50.0            | 11.1       | 6.2       | 3.4       | 10.7       | 6.3       | 3.5       | 10.5       | 6.4       | 3.5       | 10.2       | 6.5       | 3.6       | 50.0            |
| 52.0            | 10.3       | 6.1       | 3.3       | 10.0       | 6.2       | 3.4       | 9.7        | 6.3       | 3.4       | 9.4        | 6.4       | 3.5       | 52.0            |
| 54.0            | 9.6        | 6.0       | 3.2       | 9.3        | 6.1       | 3.3       | 9.0        | 6.2       | 3.3       | 8.7        | 6.2       | 3.4       | 54.0            |
| 56.0            | 9.0        | 5.9       | 3.2       | 8.7        | 6.0       | 3.2       | 8.4        | 6.1       | 3.3       | 8.1        | 6.1       | 3.3       | 56.0            |
| 58.0            | 8.4        | 5.8       | 3.1       | 8.1        | 5.9       | 3.1       | 7.8        | 6.0       | 3.2       | 7.5        | 6.0       | 3.2       | 58.0            |
| 60.0            | 7.8        | 5.7       | 3.0       | 7.5        | 5.8       | 3.1       | 7.2        | 5.9       | 3.1       | 6.9        | 5.9       | 3.2       | 60.0            |
| 62.0            | 7.3        | 5.6       | 3.0       | 7.0        | 5.7       | 3.0       | 6.7        | 5.8       | 3.1       | 6.4        | 5.8       | 3.1       | 62.0            |
| 64.0            | 6.8        | 5.5       | 2.9       | 6.5        | 5.6       | 2.9       | 6.2        | 5.7       | 3.0       | 5.9        | 5.7       | 3.0       | 64.0            |
| 66.0            | 6.4        | 5.4       | 2.8       | 6.1        | 5.5       | 2.9       | 5.8        | 5.6       | 2.9       | 5.5        | 5.7       | 3.0       | 66.0            |
| 68.0            | 6.0        | 5.4       | 2.8       | 5.7        | 5.4       | 2.8       | 5.4        | 5.5       | 2.9       | 5.1        | 5.6       | 2.9       | 68.0            |
| 70.0            | 5.6        | 5.3       | 2.7       | 5.3        | 5.4       | 2.8       | 5.0        | 5.4       | 2.8       | 4.7        | 5.2       | 2.9       | 70.0            |
| 72.0            | 71.9m/5.2  | 5.2       | 2.7       | 4.9        | 5.3       | 2.7       | 4.6        | 5.1       | 2.8       | 4.3        | 4.8       | 2.8       | 72.0            |
| 74.0            |            | 5.2       | 2.6       | 4.6        | 5.0       | 2.7       | 4.3        | 4.7       | 2.7       | 3.9        | 4.4       | 2.8       | 74.0            |
| 76.0            |            | 5.0       | 2.6       | 74.5m/4.5  | 4.7       | 2.6       | 3.9        | 4.4       | 2.7       | 3.6        | 4.1       | 2.7       | 76.0            |
| 78.0            |            | 77.6m/4.7 | 2.6       |            | 4.3       | 2.6       | 77.2m/3.8  | 4.1       | 2.6       | 3.3        | 3.8       | 2.7       | 78.0            |
| 80.0            |            |           | 2.5       |            | 4.0       | 2.6       |            | 3.8       | 2.6       | 79.9m/3.0  | 3.5       | 2.6       | 80.0            |
| 82.0            |            |           | 2.5       |            | 80.2m/4.0 | 2.5       |            | 3.5       | 2.6       |            | 3.2       | 2.6       | 82.0            |
| 84.0            |            |           | 83.0m/2.5 |            |           | 2.5       |            | 82.8m/3.3 | 2.5       |            | 2.9       | 2.6       | 84.0            |
| 86.0            |            |           |           |            |           | 85.7m/2.5 |            |           | 2.5       |            | 85.5m/2.7 | 2.5       | 86.0            |
| 88.0            |            |           |           |            |           |           |            |           | 2.5       |            |           | 2.5       | 88.0            |
| 90.0            |            |           |           |            |           |           |            |           | 88.3m/2.5 |            |           | 2.4       | 90.0            |
| Reeves          | 1          | 1         | 1         | 1          | 1         | 1         | 1          | 1         | 1         | 1          | 1         | 1         | Reeves          |

| Boom length (m) | 73.2       |           |           | 76.2       |           |           | Boom length (m) |
|-----------------|------------|-----------|-----------|------------|-----------|-----------|-----------------|
| Jib length (m)  | 18.3       | 24.4      | 30.5      | 18.3       | 24.4      | 30.5      | Jib length (m)  |
| 20.0            | 20.5m/13.5 |           |           | 21.1m/13.5 |           |           | 20.0            |
| 22.0            | 13.5       | 22.3m/8.5 | 23.8m/5.0 | 13.5       | 22.9m/8.5 |           | 22.0            |
| 24.0            | 13.5       | 8.4       | 5.0       | 13.5       | 8.4       | 24.4m/5.0 | 24.0            |
| 26.0            | 13.5       | 8.3       | 4.9       | 13.5       | 8.3       | 4.9       | 26.0            |
| 28.0            | 13.5       | 8.2       | 4.8       | 13.5       | 8.2       | 4.8       | 28.0            |
| 30.0            | 13.5       | 8.1       | 4.8       | 13.5       | 8.1       | 4.8       | 30.0            |
| 32.0            | 13.5       | 8.0       | 4.7       | 13.5       | 8.0       | 4.7       | 32.0            |
| 34.0            | 13.5       | 7.8       | 4.5       | 13.5       | 7.9       | 4.6       | 34.0            |
| 36.0            | 13.5       | 7.6       | 4.4       | 13.5       | 7.7       | 4.4       | 36.0            |
| 38.0            | 13.5       | 7.5       | 4.3       | 13.5       | 7.5       | 4.3       | 38.0            |
| 40.0            | 13.3       | 7.3       | 4.1       | 13.4       | 7.4       | 4.2       | 40.0            |
| 42.0            | 13.2       | 7.1       | 4.0       | 13.3       | 7.2       | 4.1       | 42.0            |
| 44.0            | 12.7       | 7.0       | 3.9       | 12.4       | 7.1       | 4.0       | 44.0            |
| 46.0            | 11.7       | 6.8       | 3.8       | 11.4       | 6.9       | 3.9       | 46.0            |
| 48.0            | 10.8       | 6.7       | 3.7       | 10.5       | 6.8       | 3.8       | 48.0            |
| 50.0            | 10.0       | 6.6       | 3.6       | 9.7        | 6.7       | 3.7       | 50.0            |
| 52.0            | 9.2        | 6.4       | 3.5       | 8.9        | 6.5       | 3.6       | 52.0            |
| 54.0            | 8.5        | 6.3       | 3.5       | 8.2        | 6.4       | 3.5       | 54.0            |
| 56.0            | 7.9        | 6.2       | 3.4       | 7.6        | 6.3       | 3.4       | 56.0            |
| 58.0            | 7.3        | 6.1       | 3.3       | 7.0        | 6.2       | 3.3       | 58.0            |
| 60.0            | 6.7        | 6.0       | 3.2       | 6.4        | 6.1       | 3.3       | 60.0            |
| 62.0            | 6.2        | 5.9       | 3.2       | 5.9        | 6.0       | 3.2       | 62.0            |
| 64.0            | 5.7        | 5.8       | 3.1       | 5.4        | 5.9       | 3.1       | 64.0            |
| 66.0            | 5.3        | 5.7       | 3.0       | 5.0        | 5.5       | 3.1       | 66.0            |
| 68.0            | 4.9        | 5.4       | 3.0       | 4.5        | 5.1       | 3.0       | 68.0            |
| 70.0            | 4.5        | 5.0       | 2.9       | 4.1        | 4.7       | 3.0       | 70.0            |
| 72.0            | 4.1        | 4.6       | 2.9       | 3.8        | 4.3       | 2.9       | 72.0            |
| 74.0            | 3.7        | 4.3       | 2.8       | 3.4        | 4.0       | 2.9       | 74.0            |
| 76.0            | 3.4        | 3.9       | 2.8       | 3.1        | 3.6       | 2.8       | 76.0            |
| 78.0            | 3.1        | 3.6       | 2.7       | 2.8        | 3.3       | 2.8       | 78.0            |
| 80.0            | 2.8        | 3.3       | 2.7       | 2.5        | 3.0       | 2.7       | 80.0            |
| 82.0            | 2.5        | 3.0       | 2.6       |            | 2.7       | 2.7       | 82.0            |
| 84.0            |            | 2.7       | 2.6       |            | 2.4       | 2.6       | 84.0            |
| 86.0            |            | 2.5       | 2.6       |            |           | 2.5       | 86.0            |
| 88.0            |            |           | 2.4       |            |           |           | 88.0            |
| Reeves          | 1          | 1         | 1         | 1          | 1         | 1         | Reeves          |

Note:

Ratings according to Japanese Construction Codes for Mobile Cranes. Ratings shown in   are determined by the strength of the boom or other structural components. 12.2 m (40 ft) jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.

Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Fixed Jib Lifting Capacities (Without Main Hook) (Jib Offset Angle : 30°)

Counterweight: 97.1 t  
Carbody Weight: 23.1 t  
Unit: metric ton

| Boom length (m)    |      | 42.7       |            |           |           | 45.7       |            |           |           | 48.8       |            |           |           | 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) | 16.0 | 16.5m/18.4 |            |           |           | 17.0m/18.4 |            |           |           | 17.6m/18.4 |            |           |           | 16.0            |  |
|                    | 18.0 | 17.7       |            |           |           | 18.0       |            |           |           | 18.2       |            |           |           | 18.0            |  |
|                    | 20.0 | 16.8       | 20.7m/12.1 |           |           | 17.1       | 21.2m/12.1 |           |           | 17.3       | 21.7m/12.1 |           |           | 20.0            |  |
|                    | 22.0 | 16.0       | 11.8       |           |           | 16.3       | 12.0       |           |           | 16.6       | 12.1       |           |           | 22.0            |  |
|                    | 24.0 | 15.3       | 11.3       | 24.4m/6.3 |           | 15.6       | 11.4       | 24.9m/6.3 |           | 15.9       | 11.6       | 25.4m/6.3 |           | 24.0            |  |
|                    | 26.0 | 14.7       | 10.7       | 6.2       | 27.7m/3.3 | 15.0       | 10.9       | 6.2       |           | 15.2       | 11.1       | 6.2       |           | 26.0            |  |
|                    | 28.0 | 14.1       | 10.3       | 6.0       | 3.3       | 14.4       | 10.5       | 6.1       | 28.2m/3.3 | 14.7       | 10.6       | 6.1       | 28.8m/3.3 | 28.0            |  |
|                    | 30.0 | 13.6       | 9.9        | 5.9       | 3.2       | 13.9       | 10.1       | 5.9       | 3.2       | 14.1       | 10.2       | 6.0       | 3.2       | 30.0            |  |
|                    | 32.0 | 13.1       | 9.5        | 5.7       | 3.1       | 13.4       | 9.7        | 5.8       | 3.1       | 13.7       | 9.9        | 5.8       | 3.2       | 32.0            |  |
|                    | 34.0 | 12.7       | 9.2        | 5.6       | 3.0       | 13.0       | 9.3        | 5.7       | 3.1       | 13.2       | 9.5        | 5.7       | 3.1       | 34.0            |  |
|                    | 36.0 | 12.3       | 8.8        | 5.5       | 3.0       | 12.6       | 9.0        | 5.6       | 3.0       | 12.9       | 9.2        | 5.6       | 3.0       | 36.0            |  |
|                    | 38.0 | 12.0       | 8.6        | 5.4       | 2.9       | 12.2       | 8.7        | 5.5       | 2.9       | 12.5       | 8.9        | 5.5       | 2.9       | 38.0            |  |
|                    | 40.0 | 11.7       | 8.3        | 5.3       | 2.8       | 11.9       | 8.5        | 5.4       | 2.8       | 12.2       | 8.7        | 5.4       | 2.9       | 40.0            |  |
|                    | 42.0 | 11.4       | 8.1        | 5.2       | 2.8       | 11.7       | 8.3        | 5.3       | 2.8       | 11.9       | 8.4        | 5.4       | 2.8       | 42.0            |  |
|                    | 44.0 | 11.2       | 7.9        | 5.2       | 2.7       | 11.4       | 8.0        | 5.2       | 2.7       | 11.6       | 8.2        | 5.3       | 2.8       | 44.0            |  |
|                    | 46.0 | 11.0       | 7.7        | 5.1       | 2.6       | 11.2       | 7.8        | 5.2       | 2.7       | 11.4       | 8.0        | 5.2       | 2.7       | 46.0            |  |
|                    | 48.0 | 10.9       | 7.5        | 5.0       | 2.6       | 11.0       | 7.7        | 5.1       | 2.6       | 11.2       | 7.8        | 5.1       | 2.7       | 48.0            |  |
|                    | 50.0 | 10.8       | 7.4        | 5.0       | 2.6       | 10.9       | 7.5        | 5.0       | 2.6       | 11.0       | 7.7        | 5.1       | 2.6       | 50.0            |  |
|                    | 52.0 | 51.0m/10.8 | 7.3        | 4.9       | 2.5       | 10.8       | 7.4        | 5.0       | 2.5       | 10.9       | 7.5        | 5.0       | 2.6       | 52.0            |  |
|                    | 54.0 |            | 7.2        | 4.9       | 2.5       | 53.7m/10.8 | 7.3        | 4.9       | 2.5       | 10.4       | 7.4        | 5.0       | 2.5       | 54.0            |  |
|                    | 56.0 |            | 7.1        | 4.8       | 2.4       |            | 7.2        | 4.9       | 2.5       | 9.8        | 7.3        | 4.9       | 2.5       | 56.0            |  |
|                    | 58.0 |            | 57.1m/7.1  | 4.8       | 2.4       |            | 7.1        | 4.8       | 2.4       | 56.3m/9.7  | 7.2        | 4.9       | 2.5       | 58.0            |  |
|                    | 60.0 |            |            | 4.7       | 2.4       |            | 59.8m/7.1  | 4.8       | 2.4       |            | 7.1        | 4.8       | 2.4       | 60.0            |  |
|                    | 62.0 |            |            | 4.7       | 2.4       |            |            | 4.7       | 2.4       |            | 7.1        | 4.8       | 2.4       | 62.0            |  |
|                    | 64.0 |            |            | 63.2m/4.7 | 2.4       |            |            | 4.7       | 2.4       |            | 62.4m/7.1  | 4.7       | 2.4       | 64.0            |  |
|                    | 66.0 |            |            |           | 2.4       |            |            | 65.9m/4.7 | 2.4       |            |            | 4.7       | 2.4       | 66.0            |  |
|                    | 68.0 |            |            |           | 2.4       |            |            |           | 2.4       |            |            | 4.6       | 2.4       | 68.0            |  |
|                    | 70.0 |            |            |           | 69.3m/2.4 |            |            |           | 2.4       |            |            | 68.5m/4.6 | 2.4       | 70.0            |  |
| 72.0               |      |            |            |           |           |            |            | 72.0m/2.4 |           |            |            | 2.4       | 72.0      |                 |  |
| 74.0               |      |            |            |           |           |            |            |           |           |            |            | 2.4       | 74.0      |                 |  |
| 76.0               |      |            |            |           |           |            |            |           |           |            |            | 74.6m/2.4 | 76.0      |                 |  |
| Reeves             | 2    | 1          | 1          | 1         | 2         | 1          | 1          | 1         | 2         | 1          | 1          | 1         | Reeves    |                 |  |

| Boom length (m)    |      | 51.8       |            |           |           | 54.9       |            |           |           | 57.9       |            |           |           | 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) | 18.0 | 18.1m/18.4 |            |           |           | 18.7m/18.4 |            |           |           | 19.2m/18.3 |            |           |           | 18.0            |  |
|                    | 20.0 | 17.6       |            |           |           | 17.8       |            |           |           | 18.0       |            |           |           | 20.0            |  |
|                    | 22.0 | 16.8       | 22.2m/12.1 |           |           | 17.1       | 22.8m/12.1 |           |           | 17.3       | 23.3m/12.1 |           |           | 22.0            |  |
|                    | 24.0 | 16.1       | 11.8       |           |           | 16.4       | 11.9       |           |           | 16.6       | 12.0       |           |           | 24.0            |  |
|                    | 26.0 | 15.5       | 11.3       | 26.0m/6.3 |           | 15.7       | 11.4       | 26.5m/6.2 |           | 16.0       | 11.5       | 27.1m/6.2 |           | 26.0            |  |
|                    | 28.0 | 14.9       | 10.8       | 6.1       | 29.3m/3.3 | 15.2       | 11.0       | 6.2       | 29.9m/3.3 | 15.4       | 11.1       | 6.2       |           | 28.0            |  |
|                    | 30.0 | 14.4       | 10.4       | 6.0       | 3.3       | 14.7       | 10.6       | 6.0       | 3.3       | 14.9       | 10.7       | 6.1       | 30.3m/3.3 | 30.0            |  |
|                    | 32.0 | 13.9       | 10.0       | 5.9       | 3.2       | 14.2       | 10.2       | 5.9       | 3.2       | 14.4       | 10.3       | 6.0       | 3.2       | 32.0            |  |
|                    | 34.0 | 13.5       | 9.7        | 5.8       | 3.1       | 13.8       | 9.9        | 5.8       | 3.1       | 14.0       | 10.0       | 5.8       | 3.1       | 34.0            |  |
|                    | 36.0 | 13.1       | 9.4        | 5.7       | 3.0       | 13.4       | 9.5        | 5.7       | 3.0       | 13.6       | 9.7        | 5.7       | 3.1       | 36.0            |  |
|                    | 38.0 | 12.8       | 9.1        | 5.6       | 3.0       | 13.0       | 9.3        | 5.6       | 3.0       | 13.2       | 9.4        | 5.7       | 3.0       | 38.0            |  |
|                    | 40.0 | 12.4       | 8.8        | 5.5       | 2.9       | 12.7       | 9.0        | 5.5       | 2.9       | 12.9       | 9.1        | 5.6       | 2.9       | 40.0            |  |
|                    | 42.0 | 12.1       | 8.6        | 5.4       | 2.8       | 12.4       | 8.7        | 5.5       | 2.9       | 12.6       | 8.9        | 5.5       | 2.9       | 42.0            |  |
|                    | 44.0 | 11.9       | 8.4        | 5.3       | 2.8       | 12.1       | 8.5        | 5.4       | 2.8       | 12.3       | 8.7        | 5.4       | 2.8       | 44.0            |  |
|                    | 46.0 | 11.6       | 8.2        | 5.3       | 2.7       | 11.8       | 8.3        | 5.3       | 2.7       | 12.0       | 8.5        | 5.3       | 2.8       | 46.0            |  |
|                    | 48.0 | 11.4       | 8.0        | 5.2       | 2.7       | 11.6       | 8.1        | 5.2       | 2.7       | 11.8       | 8.3        | 5.3       | 2.7       | 48.0            |  |
|                    | 50.0 | 11.2       | 7.8        | 5.1       | 2.6       | 11.4       | 7.9        | 5.2       | 2.7       | 11.1       | 8.1        | 5.2       | 2.7       | 50.0            |  |
|                    | 52.0 | 10.9       | 7.6        | 5.1       | 2.6       | 11.0       | 7.8        | 5.1       | 2.6       | 10.3       | 7.9        | 5.2       | 2.6       | 52.0            |  |
|                    | 54.0 | 10.2       | 7.5        | 5.0       | 2.5       | 9.9        | 7.6        | 5.1       | 2.6       | 9.6        | 7.8        | 5.1       | 2.6       | 54.0            |  |
|                    | 56.0 | 9.5        | 7.4        | 5.0       | 2.5       | 9.2        | 7.5        | 5.0       | 2.5       | 9.0        | 7.6        | 5.1       | 2.6       | 56.0            |  |
|                    | 58.0 | 8.9        | 7.3        | 4.9       | 2.5       | 8.6        | 7.4        | 5.0       | 2.5       | 8.3        | 7.5        | 5.0       | 2.5       | 58.0            |  |
|                    | 60.0 | 59.0m/8.6  | 7.2        | 4.9       | 2.4       | 8.1        | 7.3        | 4.9       | 2.5       | 7.7        | 7.4        | 5.0       | 2.5       | 60.0            |  |
|                    | 62.0 |            | 7.1        | 4.8       | 2.4       | 61.6m/7.6  | 7.2        | 4.9       | 2.4       | 7.2        | 7.3        | 4.9       | 2.5       | 62.0            |  |
|                    | 64.0 |            | 7.1        | 4.8       | 2.4       |            | 7.1        | 4.8       | 2.4       | 6.7        | 7.2        | 4.9       | 2.4       | 64.0            |  |
|                    | 66.0 |            | 65.0m/7.1  | 4.7       | 2.4       |            | 7.1        | 4.8       | 2.4       | 64.2m/6.7  | 6.9        | 4.8       | 2.4       | 66.0            |  |
|                    | 68.0 |            |            | 4.7       | 2.4       |            | 67.7m/6.7  | 4.7       | 2.4       |            | 6.4        | 4.8       | 2.4       | 68.0            |  |
|                    | 70.0 |            |            | 4.6       | 2.4       |            |            | 4.7       | 2.4       |            | 6.0        | 4.7       | 2.4       | 70.0            |  |
|                    | 72.0 |            |            | 71.1m/4.6 | 2.4       |            |            | 4.6       | 2.4       |            | 70.3m/5.9  | 4.7       | 2.4       | 72.0            |  |
| 74.0               |      |            |            | 2.4       |           |            | 73.8m/4.6  | 2.4       |           |            | 4.6        | 2.4       | 74.0      |                 |  |
| 76.0               |      |            |            | 2.4       |           |            |            | 2.4       |           |            | 4.6        | 2.4       | 76.0      |                 |  |
| 78.0               |      |            |            | 77.2m/2.4 |           |            |            | 2.4       |           |            | 76.4m/4.6  | 2.4       | 78.0      |                 |  |
| 80.0               |      |            |            |           |           |            |            | 79.9m/2.4 |           |            |            | 2.4       | 80.0      |                 |  |
| 82.0               |      |            |            |           |           |            |            |           |           |            |            | 2.4       | 82.0      |                 |  |
| 84.0               |      |            |            |           |           |            |            |           |           |            |            | 82.5m/2.4 | 84.0      |                 |  |
| Reeves             | 2    | 1          | 1          | 1         | 2         | 1          | 1          | 1         | 2         | 1          | 1          | 1         | Reeves    |                 |  |

Note:  
Ratings according to Japanese Construction Codes for Mobile Cranes.  
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.



# Fixed Jib Lifting Capacities (Without Main Hook) (Jib Offset Angle : 30°)

Counterweight: 97.1 t  
Carbody Weight: 23.1 t  
Unit: metric ton

| Boom length (m)    |      | 61.0       |            |           |           | 64.0       |            |           |           | 67.1       |            |           |           | 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) | 18.0 | 19.8m/13.5 |            |           |           |            |            |           |           |            |            |           |           | 18.0            |
|                    | 20.0 | 13.5       |            |           |           | 20.3m/13.5 |            |           |           | 20.8m/13.5 |            |           |           | 20.0            |
|                    | 22.0 | 13.5       | 23.9m/12.1 |           |           | 13.5       |            |           |           | 13.5       |            |           |           | 22.0            |
|                    | 24.0 | 13.5       | 12.1       |           |           | 13.5       | 24.4m/12.0 |           |           | 13.5       | 24.9m/12.0 |           |           | 24.0            |
|                    | 26.0 | 13.5       | 11.7       | 27.6m/6.2 |           | 13.5       | 11.8       |           |           | 13.5       | 11.9       |           |           | 26.0            |
|                    | 28.0 | 13.5       | 11.3       | 6.2       |           | 13.5       | 11.4       | 28.1m/6.2 |           | 13.5       | 11.5       | 28.6m/6.2 |           | 28.0            |
|                    | 30.0 | 13.5       | 10.9       | 6.1       | 30.9m/3.3 | 13.5       | 11.0       | 6.1       | 31.4m/3.3 | 13.5       | 11.1       | 6.1       |           | 30.0            |
|                    | 32.0 | 13.5       | 10.5       | 6.0       | 3.2       | 13.5       | 10.6       | 6.0       | 3.2       | 13.5       | 10.8       | 6.0       | 32.0m/3.3 | 32.0            |
|                    | 34.0 | 13.5       | 10.2       | 5.9       | 3.2       | 13.5       | 10.3       | 5.9       | 3.2       | 13.5       | 10.4       | 5.9       | 3.2       | 34.0            |
|                    | 36.0 | 13.5       | 9.8        | 5.8       | 3.1       | 13.5       | 10.0       | 5.8       | 3.1       | 13.5       | 10.1       | 5.8       | 3.1       | 36.0            |
|                    | 38.0 | 13.4       | 9.6        | 5.7       | 3.0       | 13.5       | 9.7        | 5.7       | 3.0       | 13.5       | 9.8        | 5.8       | 3.0       | 38.0            |
|                    | 40.0 | 13.1       | 9.3        | 5.6       | 3.0       | 13.3       | 9.4        | 5.6       | 3.0       | 13.5       | 9.6        | 5.7       | 3.0       | 40.0            |
|                    | 42.0 | 12.8       | 9.0        | 5.5       | 2.9       | 13.0       | 9.2        | 5.6       | 2.9       | 13.2       | 9.3        | 5.6       | 2.9       | 42.0            |
|                    | 44.0 | 12.5       | 8.8        | 5.4       | 2.8       | 12.7       | 8.9        | 5.5       | 2.9       | 12.9       | 9.1        | 5.5       | 2.9       | 44.0            |
|                    | 46.0 | 12.2       | 8.6        | 5.4       | 2.8       | 12.4       | 8.7        | 5.4       | 2.8       | 12.2       | 8.9        | 5.4       | 2.8       | 46.0            |
|                    | 48.0 | 11.8       | 8.4        | 5.3       | 2.7       | 11.5       | 8.5        | 5.3       | 2.8       | 11.3       | 8.7        | 5.4       | 2.8       | 48.0            |
|                    | 50.0 | 11.0       | 8.2        | 5.3       | 2.7       | 10.7       | 8.3        | 5.3       | 2.7       | 10.4       | 8.5        | 5.3       | 2.7       | 50.0            |
|                    | 52.0 | 10.2       | 8.0        | 5.2       | 2.6       | 9.9        | 8.2        | 5.2       | 2.7       | 9.6        | 8.3        | 5.3       | 2.7       | 52.0            |
|                    | 54.0 | 9.5        | 7.9        | 5.1       | 2.6       | 9.2        | 8.0        | 5.2       | 2.6       | 8.9        | 8.1        | 5.2       | 2.6       | 54.0            |
|                    | 56.0 | 8.8        | 7.7        | 5.1       | 2.6       | 8.5        | 7.9        | 5.1       | 2.6       | 8.3        | 8.0        | 5.2       | 2.6       | 56.0            |
|                    | 58.0 | 8.2        | 7.6        | 5.0       | 2.5       | 7.9        | 7.7        | 5.1       | 2.6       | 7.6        | 7.8        | 5.1       | 2.6       | 58.0            |
|                    | 60.0 | 7.6        | 7.5        | 5.0       | 2.5       | 7.3        | 7.6        | 5.0       | 2.5       | 7.1        | 7.7        | 5.1       | 2.5       | 60.0            |
|                    | 62.0 | 7.1        | 7.4        | 5.0       | 2.5       | 6.8        | 7.5        | 5.0       | 2.5       | 6.5        | 7.3        | 5.0       | 2.5       | 62.0            |
|                    | 64.0 | 6.6        | 7.3        | 4.9       | 2.4       | 6.3        | 7.0        | 5.0       | 2.5       | 6.0        | 6.8        | 5.0       | 2.5       | 64.0            |
|                    | 66.0 | 6.1        | 6.8        | 4.9       | 2.4       | 5.8        | 6.5        | 4.9       | 2.4       | 5.6        | 6.3        | 5.0       | 2.4       | 66.0            |
|                    | 68.0 | 66.9m/5.9  | 6.3        | 4.9       | 2.4       | 5.4        | 6.0        | 4.9       | 2.4       | 5.1        | 5.8        | 4.9       | 2.4       | 68.0            |
|                    | 70.0 |            | 5.9        | 4.8       | 2.4       | 69.5m/5.1  | 5.6        | 4.9       | 2.4       | 4.7        | 5.4        | 4.9       | 2.4       | 70.0            |
|                    | 72.0 |            | 5.5        | 4.8       | 2.4       |            | 5.2        | 4.8       | 2.4       | 4.3        | 5.0        | 4.9       | 2.4       | 72.0            |
|                    | 74.0 |            | 73.0m/5.2  | 4.8       | 2.4       |            | 4.8        | 4.8       | 2.4       | 72.2m/4.3  | 4.6        | 4.9       | 2.4       | 74.0            |
|                    | 76.0 |            |            | 4.7       | 2.4       |            | 75.6m/4.5  | 4.7       | 2.4       |            | 4.2        | 4.7       | 2.4       | 76.0            |
| 78.0               |      |            | 4.7        | 2.4       |           |            | 4.6        | 2.4       |           | 3.9        | 4.3        | 2.4       | 78.0      |                 |
| 80.0               |      |            | 79.1m/4.6  | 2.4       |           |            | 4.2        | 2.4       |           | 78.3m/3.8  | 4.0        |           | 80.0      |                 |
| 82.0               |      |            |            | 2.4       |           |            | 81.8m/3.9  | 2.4       |           |            | 3.7        |           | 82.0      |                 |
| 84.0               |      |            |            | 2.4       |           |            |            |           |           |            | 3.4        |           | 84.0      |                 |
| 86.0               |      |            |            | 85.1m/2.4 |           |            |            |           |           |            | 84.3m/3.3  |           | 86.0      |                 |
| Reeves             | 1    | 1          | 1          | 1         | 1         | 1          | 1          | 1         | 1         | 1          | 1          | 1         | Reeves    |                 |

| Boom length (m)    |      | 70.1       |            |           |           | 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 | 21.3m/13.5 |            |           |           | 21.9m/13.5 |            |           |           |            |            |           |           | 20.0            |
|                    | 22.0 | 13.5       |            |           |           | 13.5       |            |           |           | 22.3m/13.5 |            |           |           | 22.0            |
|                    | 24.0 | 13.5       | 25.4m/12.1 |           |           | 13.5       |            |           |           | 13.5       |            |           |           | 24.0            |
|                    | 26.0 | 13.5       | 12.0       |           |           | 13.5       | 26.0m/12.1 |           |           | 13.5       | 26.5m/12.0 |           |           | 26.0            |
|                    | 28.0 | 13.5       | 11.6       | 29.1m/6.2 |           | 13.5       | 11.7       | 29.7m/6.2 |           | 13.5       | 11.8       |           |           | 28.0            |
|                    | 30.0 | 13.5       | 11.2       | 6.2       |           | 13.5       | 11.4       | 6.2       |           | 13.5       | 11.5       | 30.2m/6.2 |           | 30.0            |
|                    | 32.0 | 13.5       | 10.9       | 6.1       | 32.5m/3.2 | 13.5       | 11.0       | 6.1       | 33.0m/3.2 | 13.5       | 11.1       | 6.1       | 33.5m/3.2 | 32.0            |
|                    | 34.0 | 13.5       | 10.6       | 6.0       | 3.2       | 13.5       | 10.7       | 6.0       | 3.2       | 13.5       | 10.8       | 6.0       | 3.2       | 34.0            |
|                    | 36.0 | 13.5       | 10.2       | 5.9       | 3.1       | 13.5       | 10.4       | 5.9       | 3.1       | 13.5       | 10.5       | 5.9       | 3.1       | 36.0            |
|                    | 38.0 | 13.5       | 10.0       | 5.8       | 3.1       | 13.5       | 10.1       | 5.8       | 3.1       | 13.5       | 10.2       | 5.8       | 3.1       | 38.0            |
|                    | 40.0 | 13.5       | 9.7        | 5.7       | 3.0       | 13.5       | 9.8        | 5.7       | 3.0       | 13.5       | 9.9        | 5.7       | 3.0       | 40.0            |
|                    | 42.0 | 13.4       | 9.4        | 5.6       | 2.9       | 13.5       | 9.6        | 5.6       | 3.0       | 13.5       | 9.7        | 5.7       | 3.0       | 42.0            |
|                    | 44.0 | 12.9       | 9.2        | 5.5       | 2.9       | 12.8       | 9.3        | 5.6       | 2.9       | 12.5       | 9.5        | 5.6       | 2.9       | 44.0            |
|                    | 46.0 | 11.9       | 9.0        | 5.5       | 2.8       | 11.7       | 9.1        | 5.5       | 2.9       | 11.5       | 9.2        | 5.5       | 2.9       | 46.0            |
|                    | 48.0 | 11.0       | 8.8        | 5.4       | 2.8       | 10.8       | 8.9        | 5.4       | 2.8       | 10.5       | 9.0        | 5.5       | 2.8       | 48.0            |
|                    | 50.0 | 10.1       | 8.6        | 5.3       | 2.7       | 10.0       | 8.7        | 5.4       | 2.8       | 9.7        | 8.8        | 5.4       | 2.8       | 50.0            |
|                    | 52.0 | 9.3        | 8.4        | 5.3       | 2.7       | 9.2        | 8.5        | 5.3       | 2.7       | 8.9        | 8.7        | 5.3       | 2.7       | 52.0            |
|                    | 54.0 | 8.6        | 8.3        | 5.2       | 2.7       | 8.5        | 8.4        | 5.3       | 2.7       | 8.2        | 8.5        | 5.3       | 2.7       | 54.0            |
|                    | 56.0 | 7.9        | 8.1        | 5.2       | 2.6       | 7.8        | 8.2        | 5.2       | 2.6       | 7.5        | 8.3        | 5.2       | 2.7       | 56.0            |
|                    | 58.0 | 7.3        | 8.0        | 5.1       | 2.6       | 7.2        | 8.0        | 5.2       | 2.6       | 6.9        | 7.7        | 5.2       | 2.6       | 58.0            |
|                    | 60.0 | 6.7        | 7.6        | 5.1       | 2.6       | 6.6        | 7.4        | 5.1       | 2.6       | 6.3        | 7.1        | 5.1       | 2.6       | 60.0            |
|                    | 62.0 | 6.2        | 7.0        | 5.1       | 2.5       | 6.1        | 6.9        | 5.1       | 2.5       | 5.8        | 6.6        | 5.1       | 2.5       | 62.0            |
|                    | 64.0 | 5.7        | 6.5        | 5.0       | 2.5       | 5.6        | 6.3        | 5.0       | 2.5       | 5.3        | 6.1        | 5.1       | 2.5       | 64.0            |
|                    | 66.0 | 5.3        | 6.0        | 5.0       | 2.5       | 5.1        | 5.8        | 5.0       | 2.5       | 4.8        | 5.6        | 5.0       | 2.5       | 66.0            |
|                    | 68.0 | 4.8        | 5.5        | 5.0       | 2.4       | 4.7        | 5.4        | 5.0       | 2.5       | 4.3        | 5.1        | 5.0       | 2.5       | 68.0            |
|                    | 70.0 | 4.4        | 5.1        | 4.9       | 2.4       | 4.2        | 5.0        | 5.0       | 2.4       | 3.9        | 4.7        | 5.0       | 2.4       | 70.0            |
|                    | 72.0 | 4.0        | 4.7        | 4.9       | 2.4       | 3.8        | 4.5        | 4.9       | 2.4       | 3.5        | 4.3        | 4.8       | 2.4       | 72.0            |
|                    | 74.0 | 3.7        | 4.3        | 4.8       | 2.4       | 3.4        | 4.2        | 4.7       | 2.4       | 3.2        | 3.9        | 4.4       | 2.4       | 74.0            |
|                    | 76.0 | 74.8m/3.5  | 3.9        | 4.4       | 2.4       | 3.1        | 3.8        | 4.3       | 2.4       | 2.8        | 3.5        | 4.0       |           | 76.0            |
|                    | 78.0 |            | 3.6        | 4.1       | 2.4       | 77.5m/2.9  | 3.4        | 3.9       | 2.4       | 2.5        | 3.2        | 3.7       |           | 78.0            |
| 80.0               |      | 3.3        | 3.7        |           |           | 3.1        | 3.6        |           |           | 2.8        | 3.3        |           | 80.0      |                 |
| 82.0               |      | 80.9m/3.1  | 3.4        |           |           | 2.8        | 3.3        |           |           | 2.5        | 3.0        |           | 82.0      |                 |
| 84.0               |      |            | 3.1        |           |           | 83.5m/2.5  | 3.0        |           |           |            | 2.7        |           | 84.0      |                 |
| 86.0               |      |            | 2.8        |           |           |            | 2.7        |           |           |            | 2.4        |           | 86.0      |                 |
| 88.0               |      |            | 87.0m/2.6  |           |           |            | 2.4        |           |           |            |            |           | 88.0      |                 |
| Reeves             | 1    | 1          | 1          | 1         | 1         | 1          | 1          | 1         | 1         | 1          | 1          | 1         | Reeves    |                 |

Note:  
Ratings according to Japanese Construction Codes for Mobile Cranes.  
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.

- Ratings according to Japanese Construction Codes for Mobile Cranes.
- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the 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 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.
- Tower and jib inserts and guy lines must be arranged as shown in the "Operator's Manual".
- Tower hoist reeving is 16 part line.
- Jib hoist reeving is 8 part line.
- Gantry must be in raised position for all conditions.
- Tower and jib backstops are required for all tower and jib combinations.
- Ratings inside of boxes  are limited by strength of materials.
- The tower should be erected over the front of the crawlers, not laterally.
- When erecting and lowering the tower length of 64.1 m, the blocks for erection must be placed at the end of the crawlers.
- The minimum rated load is 2.4 (ton).
- The total load that can be lifted is the value for weight of hook block, slings, and all other load handling accessories deducted from tower jib ratings shown.

## Tower and jib combinations

|                  |      | Jib Length (m) |      |      |      |      |      |      |      |      |
|------------------|------|----------------|------|------|------|------|------|------|------|------|
|                  |      | 27.4           | 30.5 | 33.5 | 36.6 | 39.6 | 42.7 | 45.7 | 48.8 | 51.8 |
| Tower Length (m) | 36.6 | ○              | ○    | ×    | ×    | ×    | ×    | ×    | ×    | ×    |
|                  | 39.7 | ○              | ○    | ○    | ×    | ×    | ×    | ×    | ×    | ×    |
|                  | 42.7 | ○              | ○    | ○    | ○    | ×    | ×    | ×    | ×    | ×    |
|                  | 45.8 | ○              | ○    | ○    | ○    | ○    | ×    | ×    | ×    | ×    |
|                  | 48.8 | ○              | ○    | ○    | ○    | ○    | ○    | ×    | ×    | ×    |
|                  | 51.9 | ○              | ○    | ○    | ○    | ○    | ○    | ○    | ×    | ×    |
|                  | 54.9 | ○              | ○    | ○    | ○    | ○    | ○    | ○    | ○    | ×    |
|                  | 58.0 | ○              | ○    | ○    | ○    | ○    | ○    | ○    | ○    | ○    |
|                  | 61.0 | ○              | ○    | ○    | ○    | ○    | ○    | ○    | ○    | ○    |
|                  | 64.1 | ○              | ○    | ○    | ○    | ○    | ○    | ○    | ○    | ○    |

○ : Combinations which is allowed.

- Maximum hoist load for number of reeving parts of line for hoist rope.

### For jib hook

| No. of Parts of Line | 1    | 2    |
|----------------------|------|------|
| Maximum Loads (kN)   | 132  | 245  |
| Maximum Loads (t)    | 13.5 | 25.0 |

| Weight of hook block |      |           |
|----------------------|------|-----------|
| Hook Block           | 35 t | Ball Hook |
| Weight (t)           | 0.9  | 0.45      |

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



# LIFTING CAPACITIES



## Tower Jib Lifting Capacities

Counterweight: 97.1 t

Carbody Weight: 23.1 t

Unit: metric ton

| 36.6 m Tower Length | Tower length (m) | 36.6       |            |            |            |            |            |            |           | Tower length (m) |
|---------------------|------------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------------|
|                     | Jib length (m)   | 27.4       |            |            |            | 30.5       |            |            |           | Jib length (m)   |
|                     | Tower angle      | 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       |            |            |           | 12.0             |
|                     | 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       | 21.7m/23.4 |            |            | 23.5       |            |            |           | 20.0             |
|                     | 22.0             | 23.2       | 23.2       |            |            | 22.7       | 23.0m/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             |
|                     | 28.0             | 16.0       | 16.8       |            |            | 16.7       | 16.7       |            |           | 28.0             |
|                     | 30.0             | 29.9m/11.2 | 15.2       | 31.9m/14.1 |            | 15.1       | 15.1       |            |           | 30.0             |
|                     | 32.0             |            | 14.0       | 14.0       |            | 12.0       | 13.9       | 33.7m/13.0 |           | 32.0             |
|                     | 34.0             |            | 12.8       | 12.8       |            | 32.8m/10.6 | 12.7       | 12.7       |           | 34.0             |
|                     | 36.0             |            | 11.8       | 11.8       |            |            | 11.7       | 11.7       |           | 36.0             |
|                     | 38.0             |            | 36.2m/11.8 | 11.1       |            |            | 11.0       | 11.0       |           | 38.0             |
|                     | 40.0             |            |            | 10.4       | 41.2m/10.0 |            | 39.2m/10.6 | 10.3       |           | 40.0             |
|                     | 42.0             |            |            | 9.7        | 9.7        |            |            | 9.6        | 43.3m/9.2 | 42.0             |
|                     | 44.0             |            |            | 42.3m/9.6  | 9.1        |            |            | 9.0        | 9.0       | 44.0             |
|                     | 46.0             |            |            |            | 8.6        |            |            | 45.2m/8.7  | 8.5       | 46.0             |
|                     | 48.0             |            |            |            | 47.9m/8.2  |            |            |            | 8.1       | 48.0             |
| 50.0                |                  |            |            |            |            |            |            | 7.7        | 50.0      |                  |
| 52.0                |                  |            |            |            |            |            |            | 50.8m/7.6  | 52.0      |                  |
| Reeves              | 2                | 2          | 2          | 2          | 2          | 2          | 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             | 10.9m/25.0 |            |            |           | 11.7m/25.0 |            |            |           |            |            |            |                  | 10.0        |
|                     | 12.0             | 25.0       |            |            |           | 25.0       |            |            |           | 12.5m/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       | 22.3m/22.8 |            |           | 22.7       | 23.6m/21.4 |            |           | 21.8       |            |            |                  | 22.0        |
|                     | 24.0             | 20.9       | 20.9       |            |           | 21.0       | 20.9       |            |           | 21.0       | 24.8m/20.2 |            |                  | 24.0        |
|                     | 26.0             | 18.5       | 18.6       |            |           | 18.6       | 18.6       |            |           | 18.8       | 18.6       |            |                  | 26.0        |
|                     | 28.0             | 16.1       | 16.8       |            |           | 16.7       | 16.7       |            |           | 16.7       | 16.7       |            |                  | 28.0        |
|                     | 30.0             | 29.9m/11.2 | 15.2       |            |           | 15.1       | 15.1       |            |           | 15.3       | 15.1       |            |                  | 30.0        |
|                     | 32.0             |            | 14.0       | 33.0m/13.4 |           | 12.0       | 13.9       |            |           | 14.0       | 13.9       |            |                  | 32.0        |
|                     | 34.0             |            | 12.8       | 12.8       |           | 32.8m/10.6 | 12.7       | 34.7m/12.4 |           | 12.0       | 12.7       |            |                  | 34.0        |
|                     | 36.0             |            | 11.8       | 11.8       |           |            | 11.7       | 11.7       |           | 35.8m/9.2  | 11.7       | 36.5m/11.5 |                  | 36.0        |
|                     | 38.0             |            | 36.7m/11.5 | 11.1       |           |            | 11.0       | 11.0       |           |            | 11.0       | 11.0       |                  | 38.0        |
|                     | 40.0             |            |            | 10.4       |           |            | 39.7m/10.4 | 10.3       |           |            | 10.2       | 10.3       |                  | 40.0        |
|                     | 42.0             |            |            | 9.7        | 42.7m/9.5 |            |            | 9.6        |           |            | 9.6        | 9.6        |                  | 42.0        |
|                     | 44.0             |            |            | 43.3m/9.3  | 9.1       |            |            | 9.0        | 44.9m/8.7 |            | 42.6m/9.4  | 9.0        |                  | 44.0        |
|                     | 46.0             |            |            |            | 8.6       |            |            | 8.5        | 8.5       |            |            | 8.4        | 47.0m/8.2        | 46.0        |
|                     | 48.0             |            |            |            | 8.2       |            |            | 46.3m/8.4  | 8.1       |            |            | 8.0        | 8.0              | 48.0        |
| 50.0                |                  |            |            | 49.4m/8.0  |           |            |            | 7.7        |           |            | 49.2m/7.7  | 7.6        | 50.0             |             |
| 52.0                |                  |            |            |            |           |            |            | 7.3        |           |            |            | 7.2        | 52.0             |             |
| 54.0                |                  |            |            |            |           |            |            |            | 52.4m/7.2 |            |            | 6.8        | 54.0             |             |
| 56.0                |                  |            |            |            |           |            |            |            |           |            |            | 55.3m/6.6  | 56.0             |             |
| Reeves              | 2                | 2          | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2          | 2          | 2          | Reeves           |             |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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



## Tower Jib Lifting Capacities

Counterweight: 97.1 t

Carbody Weight: 23.1 t

Unit: metric ton

| 42.7 m Tower Length | Tower length (m) | 42.7       |            |            |           |            |            |            |           |            |            |            |           |            |            |            |      | 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      |
| 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       |            |            |      | 14.0             |
|                     | 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       | 22.8m/22.3 |            |           | 22.7       |            |            |           | 21.8       |            |            |           | 20.7       |            |            |      | 22.0             |
|                     | 24.0             | 20.9       | 20.9       |            |           | 21.0       | 24.1m/20.9 |            |           | 21.0       | 25.4m/19.6 |            |           | 19.9       |            |            |      | 24.0             |
|                     | 26.0             | 18.5       | 18.6       |            |           | 18.6       | 18.6       |            |           | 18.8       | 18.6       |            |           | 18.8       | 26.7m/18.2 |            |      | 26.0             |
|                     | 28.0             | 16.3       | 16.8       |            |           | 16.7       | 16.7       |            |           | 16.7       | 16.7       |            |           | 16.8       | 16.7       |            |      | 28.0             |
|                     | 30.0             | 29.9m/11.3 | 15.2       |            |           | 15.1       | 15.1       |            |           | 15.3       | 15.1       |            |           | 15.2       | 15.0       |            |      | 30.0             |
|                     | 32.0             |            | 14.0       |            |           | 12.0       | 13.9       |            |           | 14.0       | 13.9       |            |           | 14.0       | 13.8       |            |      | 32.0             |
|                     | 34.0             |            | 12.8       | 34.0m/12.8 |           | 32.8m/10.6 | 12.7       | 35.8m/11.8 |           | 12.1       | 12.7       |            |           | 12.8       | 12.6       |            |      | 34.0             |
|                     | 36.0             |            | 11.8       | 11.8       |           |            | 11.7       | 11.7       |           | 35.8m/9.2  | 11.7       |            |           | 11.7       | 11.6       |            |      | 36.0             |
|                     | 38.0             |            | 37.3m/11.4 | 11.1       |           |            | 11.0       | 11.0       |           |            | 11.0       | 38.0m/11.0 |           | 9.3        | 10.9       | 39.3m/10.4 |      | 38.0             |
|                     | 40.0             |            |            | 10.4       |           |            | 10.3       | 10.3       |           |            | 10.2       | 10.3       |           | 38.7m/8.7  | 10.1       | 10.1       |      | 40.0             |
|                     | 42.0             |            |            | 9.7        |           |            | 40.2m/10.2 | 9.6        |           |            | 9.6        | 9.6        |           |            | 9.5        | 9.5        |      | 42.0             |
|                     | 44.0             |            |            | 9.1        | 44.2m/9.0 |            |            | 9.0        |           |            | 43.2m/9.3  | 9.0        |           |            | 8.9        | 8.9        |      | 44.0             |
|                     | 46.0             |            |            | 44.4m/8.9  | 8.6       |            |            | 8.5        | 46.4m/8.4 |            |            | 8.4        |           |            | 8.4        | 8.3        |      | 46.0             |
|                     | 48.0             |            |            |            | 8.2       |            |            | 47.3m/8.2  | 8.1       |            |            | 7.9        | 48.5m/7.9 |            | 46.1m/8.3  | 7.8        |      | 48.0             |
| 50.0                |                  |            |            | 7.8        |           |            |            | 7.7        |           |            | 7.5        | 7.6        |           | 7.4        | 50.7m/7.3  |            | 50.0 |                  |
| 52.0                |                  |            |            | 51.0m/7.6  |           |            |            | 7.3        |           |            | 50.2m/7.5  | 7.2        |           | 7.0        | 7.1        |            | 52.0 |                  |
| 54.0                |                  |            |            |            |           |            |            | 53.9m/6.9  |           |            |            | 6.8        |           | 53.2m/6.7  | 6.7        |            | 54.0 |                  |
| 56.0                |                  |            |            |            |           |            |            |            |           |            |            | 6.4        |           |            |            | 6.3        | 56.0 |                  |
| 58.0                |                  |            |            |            |           |            |            |            |           |            |            | 56.8m/6.3  |           |            |            | 6.0        | 58.0 |                  |
| 60.0                |                  |            |            |            |           |            |            |            |           |            |            |            |           |            |            | 59.8m/5.7  | 60.0 |                  |
|                     | Reeves           | 2          | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2          | 2          | 2          | 2    | Reeves           |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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.



# Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 45.8 m Tower Length | Tower length (m) | 45.8       |            |            |           |            |            |            |           |            |            |            |        | 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             | 10.9m/25.0 |            |            |           | 11.7m/25.0 |            |            |           |            |            |            |        | 10.0             |
|                     | 12.0             | 25.0       |            |            |           | 25.0       |            |            |           | 12.5m/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       | 23.3m/21.7 |            |           | 22.7       |            |            |           | 21.8       |            |            |        | 22.0             |
|                     | 24.0             | 20.9       | 20.9       |            |           | 21.0       | 24.5m/20.3 |            |           | 21.0       | 25.9m/18.7 |            |        | 24.0             |
|                     | 26.0             | 18.5       | 18.6       |            |           | 18.6       | 18.6       |            |           | 18.8       | 18.6       |            |        | 26.0             |
|                     | 28.0             | 16.3       | 16.8       |            |           | 16.7       | 16.7       |            |           | 16.7       | 16.7       |            |        | 28.0             |
|                     | 30.0             | 29.9m/11.3 | 15.2       |            |           | 15.1       | 15.1       |            |           | 15.3       | 15.1       |            |        | 30.0             |
|                     | 32.0             |            | 14.0       |            |           | 12.0       | 13.9       |            |           | 14.0       | 13.9       |            |        | 32.0             |
|                     | 34.0             |            | 12.8       | 35.0m/12.3 |           | 32.8m/10.6 | 12.7       |            |           | 12.1       | 12.7       |            |        | 34.0             |
|                     | 36.0             |            | 11.8       | 11.8       |           |            | 11.7       | 36.8m/11.5 |           | 35.8m/9.2  | 11.7       |            |        | 36.0             |
|                     | 38.0             |            | 37.8m/11.2 | 11.1       |           |            | 11.0       | 11.0       |           |            | 11.0       | 38.5m/10.9 |        | 38.0             |
|                     | 40.0             |            |            | 10.4       |           |            | 10.3       | 10.3       |           |            | 10.2       | 10.3       |        | 40.0             |
|                     | 42.0             |            |            | 9.7        |           |            | 40.7m/10.1 | 9.6        |           |            | 9.6        | 9.6        |        | 42.0             |
|                     | 44.0             |            |            | 9.1        | 45.8m/8.6 |            |            | 9.0        |           |            | 43.7m/9.1  | 9.0        |        | 44.0             |
|                     | 46.0             |            |            | 45.4m/8.8  | 8.6       |            |            | 8.5        | 47.9m/8.1 |            |            | 8.4        |        | 46.0             |
|                     | 48.0             |            |            |            | 8.2       |            |            | 8.1        | 8.1       |            |            | 7.9        |        | 48.0             |
| 50.0                |                  |            |            | 7.8        |           |            | 48.3m/8.1  | 7.7        |           |            | 7.5        | 50.1m/7.6  | 50.0   |                  |
| 52.0                |                  |            |            | 7.4        |           |            |            | 7.3        |           |            | 51.3m/7.3  | 7.2        | 52.0   |                  |
| 54.0                |                  |            |            | 52.5m/7.3  |           |            |            | 6.9        |           |            |            | 6.8        | 54.0   |                  |
| 56.0                |                  |            |            |            |           |            |            | 55.4m/6.7  |           |            |            | 6.4        | 56.0   |                  |
| 58.0                |                  |            |            |            |           |            |            |            |           |            |            | 6.1        | 58.0   |                  |
| 60.0                |                  |            |            |            |           |            |            |            |           |            |            | 58.4m/6.0  | 60.0   |                  |
| Reeves              | 2                | 2          | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2          | 2          | 2          | Reeves |                  |

| 45.8 m Tower Length | Tower length (m) | 45.8       |            |            |     |            |            |           |        | Tower length (m) |
|---------------------|------------------|------------|------------|------------|-----|------------|------------|-----------|--------|------------------|
|                     | Jib length (m)   | 36.6       |            |            |     | 39.6       |            |           |        | Jib length (m)   |
|                     | Tower angle      | 90°        | 80°        | 70°        | 60° | 90°        | 80°        | 70°       | 60°    | Tower angle      |
| Working radius (m)  | 12.0             | 13.3m/23.9 |            |            |     |            |            |           |        | 12.0             |
|                     | 14.0             | 23.6       |            |            |     | 14.1m/22.0 |            |           |        | 14.0             |
|                     | 16.0             | 22.9       |            |            |     | 21.4       |            |           |        | 16.0             |
|                     | 18.0             | 22.2       |            |            |     | 20.8       |            |           |        | 18.0             |
|                     | 20.0             | 21.4       |            |            |     | 20.2       |            |           |        | 20.0             |
|                     | 22.0             | 20.7       |            |            |     | 19.6       |            |           |        | 22.0             |
|                     | 24.0             | 19.9       |            |            |     | 19.0       |            |           |        | 24.0             |
|                     | 26.0             | 18.8       | 27.2m/17.6 |            |     | 18.3       |            |           |        | 26.0             |
|                     | 28.0             | 16.8       | 16.7       |            |     | 16.8       | 28.5m/16.3 |           |        | 28.0             |
|                     | 30.0             | 15.2       | 15.0       |            |     | 15.2       | 14.9       |           |        | 30.0             |
|                     | 32.0             | 14.0       | 13.8       |            |     | 14.0       | 13.7       |           |        | 32.0             |
|                     | 34.0             | 12.8       | 12.6       |            |     | 12.8       | 12.5       |           |        | 34.0             |
|                     | 36.0             | 11.6       | 11.6       |            |     | 11.8       | 11.5       |           |        | 36.0             |
|                     | 38.0             | 9.3        | 10.9       |            |     | 10.8       | 10.8       |           |        | 38.0             |
|                     | 40.0             | 38.7m/8.7  | 10.1       | 40.3m/10.1 |     | 9.3        | 10.0       |           |        | 40.0             |
|                     | 42.0             |            | 9.5        | 9.5        |     | 41.7m/7.7  | 9.4        | 42.0m/9.4 |        | 42.0             |
|                     | 44.0             |            | 8.9        | 8.9        |     |            | 8.8        | 8.7       |        | 44.0             |
|                     | 46.0             |            | 8.4        | 8.3        |     |            | 8.2        | 8.1       |        | 46.0             |
|                     | 48.0             |            | 46.6m/8.2  | 7.8        |     |            | 7.6        | 7.6       |        | 48.0             |
|                     | 50.0             |            |            | 7.4        |     |            | 49.6m/7.2  | 7.2       |        | 50.0             |
| 52.0                |                  |            | 7.0        | 52.2m/7.0  |     |            | 6.8        |           | 52.0   |                  |
| 54.0                |                  |            | 6.6        | 6.7        |     |            | 6.4        | 54.4m/6.3 | 54.0   |                  |
| 56.0                |                  |            | 54.2m/6.6  | 6.3        |     |            | 6.1        | 6.1       | 56.0   |                  |
| 58.0                |                  |            |            | 6.0        |     |            | 57.2m/5.9  | 5.8       | 58.0   |                  |
| 60.0                |                  |            |            | 5.7        |     |            |            | 5.5       | 60.0   |                  |
| 62.0                |                  |            |            | 61.3m/5.5  |     |            |            | 5.3       | 62.0   |                  |
| 64.0                |                  |            |            |            |     |            |            | 5.1       | 64.0   |                  |
| 66.0                |                  |            |            |            |     |            |            | 64.3m/5.0 | 66.0   |                  |
| Reeves              | 2                | 2          | 2          | 2          | 2   | 2          | 2          | 2         | Reeves |                  |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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



## Tower Jib Lifting Capacities

Counterweight: 97.1 t

Carbody Weight: 23.1 t

Unit: metric ton

| 48.8 m Tower Length | Tower length (m) | 48.8       |            |            |           |            |            |            |           |            |            |            |        | 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             | 10.9m/25.0 |            |            |           | 11.7m/25.0 |            |            |           |            |            |            |        | 10.0             |
|                     | 12.0             | 25.0       |            |            |           | 25.0       |            |            |           | 12.5m/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       | 23.9m/21.2 |            |           | 22.7       |            |            |           | 21.8       |            |            |        | 22.0             |
|                     | 24.0             | 20.9       | 20.9       |            |           | 21.0       | 25.1m/19.7 |            |           | 21.0       |            |            |        | 24.0             |
|                     | 26.0             | 18.5       | 18.6       |            |           | 18.6       | 18.6       |            |           | 18.8       | 26.4m/18.4 |            |        | 26.0             |
|                     | 28.0             | 16.3       | 16.8       |            |           | 16.7       | 16.7       |            |           | 16.7       | 16.7       |            |        | 28.0             |
|                     | 30.0             | 29.9m/11.3 | 15.2       |            |           | 15.1       | 15.1       |            |           | 15.3       | 15.1       |            |        | 30.0             |
|                     | 32.0             |            | 14.0       |            |           | 12.0       | 13.9       |            |           | 14.0       | 13.9       |            |        | 32.0             |
|                     | 34.0             |            | 12.8       |            |           | 32.8m/10.6 | 12.7       |            |           | 12.1       | 12.7       |            |        | 34.0             |
|                     | 36.0             |            | 11.8       | 36.1m/11.8 |           |            | 11.7       | 37.8m/11.1 |           | 35.8m/9.2  | 11.7       |            |        | 36.0             |
|                     | 38.0             |            | 11.1       | 11.1       |           |            | 11.0       | 11.0       |           |            | 11.0       | 39.6m/10.3 |        | 38.0             |
|                     | 40.0             |            | 38.3m/11.0 | 10.4       |           |            | 10.3       | 10.3       |           |            | 10.2       | 10.2       |        | 40.0             |
|                     | 42.0             |            |            | 9.7        |           |            | 41.3m/9.9  | 9.6        |           |            | 9.6        | 9.5        |        | 42.0             |
|                     | 44.0             |            |            | 9.1        |           |            |            | 9.0        |           |            | 8.9        | 8.9        |        | 44.0             |
|                     | 46.0             |            |            | 8.6        | 47.3m/8.3 |            |            | 8.5        |           |            | 44.2m/8.9  | 8.4        |        | 46.0             |
|                     | 48.0             |            |            | 46.4m/8.5  | 8.2       |            |            | 8.0        | 49.4m/7.8 |            |            | 7.9        |        | 48.0             |
| 50.0                |                  |            |            | 7.8        |           |            | 49.4m/7.7  | 7.7        |           |            | 7.5        | 51.6m/7.3  | 50.0   |                  |
| 52.0                |                  |            |            | 7.4        |           |            |            | 7.3        |           |            | 7.1        | 7.2        | 52.0   |                  |
| 54.0                |                  |            |            | 54.0m/7.0  |           |            |            | 6.9        |           |            | 52.3m/7.1  | 6.8        | 54.0   |                  |
| 56.0                |                  |            |            |            |           |            |            | 6.5        |           |            |            | 6.4        | 56.0   |                  |
| 58.0                |                  |            |            |            |           |            |            | 56.9m/6.4  |           |            |            | 6.1        | 58.0   |                  |
| 60.0                |                  |            |            |            |           |            |            |            |           |            |            | 59.9m/5.8  | 60.0   |                  |
| Reeves              | 2                | 2          | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2          | 2          | 2          | Reeves |                  |

| 48.8 m Tower Length | Tower length (m) | 48.8       |            |           |     |            |            |           |     |            |            |           |        | Tower length (m) |
|---------------------|------------------|------------|------------|-----------|-----|------------|------------|-----------|-----|------------|------------|-----------|--------|------------------|
|                     | Jib length (m)   | 36.6       |            |           |     | 39.6       |            |           |     | 42.7       |            |           |        | Jib length (m)   |
|                     | Tower angle      | 90°        | 80°        | 70°       | 60° | 90°        | 80°        | 70°       | 60° | 90°        | 80°        | 70°       | 60°    | Tower angle      |
| Working radius (m)  | 12.0             | 13.3m/23.9 |            |           |     |            |            |           |     |            |            |           |        | 12.0             |
|                     | 14.0             | 23.6       |            |           |     | 14.1m/22.0 |            |           |     | 14.9m/20.0 |            |           |        | 14.0             |
|                     | 16.0             | 22.9       |            |           |     | 21.4       |            |           |     | 19.7       |            |           |        | 16.0             |
|                     | 18.0             | 22.2       |            |           |     | 20.8       |            |           |     | 19.2       |            |           |        | 18.0             |
|                     | 20.0             | 21.4       |            |           |     | 20.2       |            |           |     | 18.6       |            |           |        | 20.0             |
|                     | 22.0             | 20.7       |            |           |     | 19.6       |            |           |     | 18.1       |            |           |        | 22.0             |
|                     | 24.0             | 19.9       |            |           |     | 19.0       |            |           |     | 17.5       |            |           |        | 24.0             |
|                     | 26.0             | 18.8       | 27.7m/17.0 |           |     | 18.3       |            |           |     | 17.0       |            |           |        | 26.0             |
|                     | 28.0             | 16.8       | 16.7       |           |     | 16.8       | 29.0m/15.8 |           |     | 16.5       |            |           |        | 28.0             |
|                     | 30.0             | 15.2       | 15.0       |           |     | 15.2       | 14.9       |           |     | 15.2       | 30.3m/14.7 |           |        | 30.0             |
|                     | 32.0             | 14.0       | 13.8       |           |     | 14.0       | 13.7       |           |     | 14.0       | 13.6       |           |        | 32.0             |
|                     | 34.0             | 12.8       | 12.6       |           |     | 12.8       | 12.5       |           |     | 12.8       | 12.4       |           |        | 34.0             |
|                     | 36.0             | 11.6       | 11.6       |           |     | 11.8       | 11.5       |           |     | 11.8       | 11.4       |           |        | 36.0             |
|                     | 38.0             | 9.3        | 10.9       |           |     | 10.8       | 10.8       |           |     | 10.9       | 10.6       |           |        | 38.0             |
|                     | 40.0             | 38.7m/8.7  | 10.1       | 41.3m/9.6 |     | 9.3        | 10.0       |           |     | 9.8        | 9.8        |           |        | 40.0             |
|                     | 42.0             |            | 9.5        | 9.4       |     | 41.7m/7.7  | 9.4        | 43.1m/9.0 |     | 8.9        | 9.2        |           |        | 42.0             |
|                     | 44.0             |            | 8.9        | 8.8       |     |            | 8.8        | 8.7       |     | 7.2        | 8.6        | 44.8m/8.3 |        | 44.0             |
|                     | 46.0             |            | 8.4        | 8.3       |     |            | 8.2        | 8.1       |     | 44.6m/6.8  | 8.0        | 7.9       |        | 46.0             |
|                     | 48.0             |            | 47.2m/8.1  | 7.8       |     |            | 7.6        | 7.6       |     |            | 7.4        | 7.4       |        | 48.0             |
|                     | 50.0             |            |            | 7.4       |     |            | 7.2        | 7.2       |     |            | 7.0        | 7.0       |        | 50.0             |
| 52.0                |                  |            | 7.0        | 53.7m/6.8 |     | 50.1m/7.1  | 6.8        |           |     | 6.6        | 6.6        |           | 52.0   |                  |
| 54.0                |                  |            | 6.6        | 6.7       |     |            | 6.4        | 55.9m/6.1 |     | 53.0m/6.4  | 6.2        |           | 54.0   |                  |
| 56.0                |                  |            | 55.3m/6.4  | 6.3       |     |            | 6.1        | 6.1       |     |            | 5.9        |           | 56.0   |                  |
| 58.0                |                  |            |            | 6.0       |     |            | 5.8        | 5.8       |     |            | 5.6        | 58.1m/5.6 | 58.0   |                  |
| 60.0                |                  |            |            | 5.7       |     |            | 58.2m/5.8  | 5.5       |     |            | 5.4        | 5.4       | 60.0   |                  |
| 62.0                |                  |            |            | 5.4       |     |            |            | 5.3       |     |            | 61.2m/5.3  | 5.2       | 62.0   |                  |
| 64.0                |                  |            |            | 62.8m/5.3 |     |            |            | 5.1       |     |            |            | 5.0       | 64.0   |                  |
| 66.0                |                  |            |            |           |     |            |            | 65.8m/4.9 |     |            |            | 4.8       | 66.0   |                  |
| 68.0                |                  |            |            |           |     |            |            |           |     |            |            | 4.6       | 68.0   |                  |
| 70.0                |                  |            |            |           |     |            |            |           |     |            |            | 68.7m/4.5 | 70.0   |                  |
| Reeves              | 2                | 2          | 2          | 2         | 2   | 2          | 2          | 2         | 2   | 2          | 2          | 2         | Reeves |                  |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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.



# Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 51.9 m Tower Length | 51.9        |            |            |           |            |            |            |           |      |            |            |           |      |            |            |           |     |             |
|---------------------|-------------|------------|------------|-----------|------------|------------|------------|-----------|------|------------|------------|-----------|------|------------|------------|-----------|-----|-------------|
|                     | 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 |
| 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       |            |           |     | 12.0        |
| 14.0                | 25.0        |            |            |           | 25.0       |            |            |           |      | 24.2       |            |           |      | 22.9       |            |           |     | 14.0        |
| 16.0                | 25.0        |            |            |           | 25.0       |            |            |           |      | 23.4       |            |           |      | 22.2       |            |           |     | 16.0        |
| 18.0                | 25.0        |            |            |           | 24.2       |            |            |           |      | 22.6       |            |           |      | 21.4       |            |           |     | 18.0        |
| 20.0                | 24.2        |            |            |           | 22.7       |            |            |           |      | 21.8       |            |           |      | 20.7       |            |           |     | 20.0        |
| 22.0                | 23.2        |            |            |           | 21.0       |            |            |           |      | 21.0       |            |           |      | 19.9       |            |           |     | 22.0        |
| 24.0                | 20.9        | 24.4m/20.6 |            |           | 21.0       | 25.7m/19.0 |            |           |      | 18.8       | 27.0m/17.8 |           |      | 18.8       |            |           |     | 24.0        |
| 26.0                | 18.5        | 18.6       |            |           | 18.6       | 18.6       |            |           |      | 16.7       | 16.7       |           |      | 16.8       | 28.2m/16.6 |           |     | 26.0        |
| 28.0                | 16.3        | 16.8       |            |           | 16.7       | 16.7       |            |           |      | 15.3       | 15.1       |           |      | 15.2       | 15.0       |           |     | 28.0        |
| 30.0                | 29.9m/11.3  | 15.2       |            |           | 15.1       | 15.1       |            |           |      | 14.0       | 13.9       |           |      | 14.0       | 13.8       |           |     | 30.0        |
| 32.0                |             | 14.0       |            |           | 12.0       | 13.9       |            |           |      | 12.1       | 12.7       |           |      | 12.8       | 12.6       |           |     | 32.0        |
| 34.0                |             | 12.8       |            |           | 32.8m/10.6 | 12.7       |            |           |      | 11.7       |            |           |      | 11.6       | 11.6       |           |     | 34.0        |
| 36.0                |             | 11.8       | 37.1m/11.4 |           |            | 11.7       |            |           |      | 35.8m/9.2  | 11.7       |           |      | 9.3        | 10.9       |           |     | 36.0        |
| 38.0                |             | 11.1       | 11.1       |           |            | 11.0       | 38.9m/10.7 |           |      | 11.0       |            |           |      | 9.5        | 10.9       |           |     | 38.0        |
| 40.0                |             | 38.9m/10.8 | 10.4       |           |            | 10.3       | 10.3       |           |      | 10.2       | 40.6m/10   |           |      | 38.7m/8.7  | 10.1       |           |     | 40.0        |
| 42.0                |             |            | 9.7        |           |            | 41.8m/9.7  | 9.6        |           |      | 9.6        | 9.5        |           |      | 9.5        | 42.4m/9.3  |           |     | 42.0        |
| 44.0                |             |            | 9.1        |           |            |            | 9.0        |           |      | 8.9        | 8.9        |           |      | 8.9        | 8.8        |           |     | 44.0        |
| 46.0                |             |            | 8.6        |           |            |            | 8.5        |           |      | 44.7/8.8   | 8.4        |           |      | 8.4        | 8.3        |           |     | 46.0        |
| 48.0                |             |            | 47.5m/8.2  | 48.8m/8.0 |            |            | 8.0        |           |      |            | 7.9        |           |      | 47.7m/7.9  | 7.8        |           |     | 48.0        |
| 50.0                |             |            |            | 7.8       |            |            | 7.6        | 51.0m/7.5 |      |            | 7.5        |           |      | 7.4        |            |           |     | 50.0        |
| 52.0                |             |            |            | 7.4       |            |            | 50.4m/7.5  | 7.3       |      |            | 7.1        | 53.1m/7.0 |      |            | 7.0        |           |     | 52.0        |
| 54.0                |             |            |            | 7.0       |            |            |            | 6.9       |      |            | 53.4m/6.9  | 6.8       |      |            | 6.6        | 55.3m/6.4 |     | 54.0        |
| 56.0                |             |            |            | 55.5m/6.7 |            |            |            | 6.5       |      |            |            | 6.4       |      |            | 6.3        | 6.3       |     | 56.0        |
| 58.0                |             |            |            |           |            |            |            | 6.2       |      |            |            | 6.1       |      |            | 56.3m/6.3  | 6.0       |     | 58.0        |
| 60.0                |             |            |            |           |            |            |            | 58.5m/6.1 |      |            |            | 5.8       |      |            |            | 5.7       |     | 60.0        |
| 62.0                |             |            |            |           |            |            |            |           |      |            |            | 61.4m/5.6 |      |            |            | 5.4       |     | 62.0        |
| 64.0                |             |            |            |           |            |            |            |           |      |            |            |           |      |            |            | 5.2       |     | 64.0        |
| 66.0                |             |            |            |           |            |            |            |           |      |            |            |           |      |            |            | 64.4m/5.1 |     | 66.0        |
| Reeves              | 2           | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2    | 2          | 2          | 2         | 2    | 2          | 2          | 2         | 2   | Reeves      |

| 51.9 m Tower Length | 51.9        |            |           |           |            |            |           |           |            |            |           |           | Tower 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                | 14.1m/22.0  |            |           |           | 14.9m/20.0 |            |           |           | 15.7m/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        |            |           |           | 17.0       |            |           |           | 15.0       |            |           |           | 26.0             |             |
| 28.0                | 16.8        | 29.5m/15.4 |           |           | 16.5       |            |           |           | 14.6       |            |           |           | 28.0             |             |
| 30.0                | 15.2        | 14.9       |           |           | 15.2       | 30.8m/14.4 |           |           | 14.1       |            |           |           | 30.0             |             |
| 32.0                | 14.0        | 13.7       |           |           | 14.0       | 13.6       |           |           | 13.6       | 32.1m/13.4 |           |           | 32.0             |             |
| 34.0                | 12.8        | 12.5       |           |           | 12.8       | 12.4       |           |           | 12.6       | 12.3       |           |           | 34.0             |             |
| 36.0                | 11.8        | 11.5       |           |           | 11.8       | 11.4       |           |           | 11.6       | 11.3       |           |           | 36.0             |             |
| 38.0                | 10.8        | 10.8       |           |           | 10.8       | 10.6       |           |           | 10.6       | 10.5       |           |           | 38.0             |             |
| 40.0                | 9.3         | 10.0       |           |           | 9.8        | 9.8        |           |           | 9.7        | 9.7        |           |           | 40.0             |             |
| 42.0                | 41.7m/7.7   | 9.4        |           |           | 8.9        | 9.2        |           |           | 8.9        | 9.0        |           |           | 42.0             |             |
| 44.0                |             | 8.8        | 44.1m/8.7 |           | 7.2        | 8.6        | 45.9m/7.9 |           | 8.1        | 8.4        |           |           | 44.0             |             |
| 46.0                |             | 8.2        | 8.1       |           | 44.6m/6.8  | 8.0        | 7.9       |           | 7.1        | 7.8        | 47.6m/7.4 |           | 46.0             |             |
| 48.0                |             | 7.6        | 7.6       |           |            | 7.4        | 7.4       |           | 47.5m/6.1  | 7.2        | 7.3       |           | 48.0             |             |
| 50.0                |             | 7.2        | 7.2       |           |            | 7.0        | 7.0       |           |            | 6.8        | 6.8       |           | 50.0             |             |
| 52.0                |             | 50.6m/7.1  | 6.8       |           |            | 6.6        | 6.6       |           |            | 6.4        | 6.4       |           | 52.0             |             |
| 54.0                |             |            | 6.4       |           |            | 53.6m/6.2  | 6.2       |           |            | 6.0        | 6.0       |           | 54.0             |             |
| 56.0                |             |            | 6.1       | 57.4m/5.9 |            |            | 5.9       |           |            | 5.7        | 5.7       |           | 56.0             |             |
| 58.0                |             |            | 5.8       | 5.8       |            |            | 5.6       | 59.6m/5.3 |            | 56.5m/5.6  | 5.4       |           | 58.0             |             |
| 60.0                |             |            | 59.3m/5.6 | 5.5       |            |            | 5.4       | 5.3       |            |            | 5.2       | 61.7m/4.8 | 60.0             |             |
| 62.0                |             |            |           | 5.2       |            |            | 5.2       | 5.0       |            |            | 5.0       | 4.8       | 62.0             |             |
| 64.0                |             |            |           | 5.0       |            |            | 62.2m/5.2 | 4.8       |            |            | 4.8       | 4.6       | 64.0             |             |
| 66.0                |             |            |           | 4.8       |            |            |           | 4.6       |            |            | 65.2m/4.6 | 4.4       | 66.0             |             |
| 68.0                |             |            |           | 67.3m/4.6 |            |            |           | 4.4       |            |            |           | 4.2       | 68.0             |             |
| 70.0                |             |            |           |           |            |            |           | 4.2       |            |            |           | 4.0       | 70.0             |             |
| 72.0                |             |            |           |           |            |            |           | 70.2m/4.2 |            |            |           | 3.8       | 72.0             |             |
| 74.0                |             |            |           |           |            |            |           |           |            |            |           | 73.2m/3.7 | 74.0             |             |
| Reeves              | 2           | 2          | 2         | 2         | 2          | 2          | 2         | 2         | 2          | 2          | 2         | 2         | Reeves           |             |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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



## Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 54.9 m Tower Length | 54.9             |            |            |           |            |            |            |           |     |            |            |           |           |           |            |           |     |                  |
|---------------------|------------------|------------|------------|-----------|------------|------------|------------|-----------|-----|------------|------------|-----------|-----------|-----------|------------|-----------|-----|------------------|
|                     | Tower length (m) | 54.9       |            |           |            |            |            |           |     |            |            |           |           |           |            |           |     | Tower length (m) |
|                     | Jib length (m)   | 27.4       |            |           |            | 30.5       |            |           |     | 33.5       |            |           |           | 36.6      |            |           |     | Jib length (m)   |
| Working radius (m)  | Tower angle      | 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/25.0 |            |           |     |            |            |           |           |           | 13.3m/23.9 |           |     |                  |
| 12.0                | 25.0             |            |            |           | 25.0       |            |            |           |     | 12.5m/25.0 |            |           |           | 23.6      |            |           |     | 12.0             |
| 14.0                | 25.0             |            |            |           | 25.0       |            |            |           |     | 25.0       |            |           |           | 22.9      |            |           |     | 14.0             |
| 16.0                | 25.0             |            |            |           | 25.0       |            |            |           |     | 24.2       |            |           |           | 22.2      |            |           |     | 16.0             |
| 18.0                | 25.0             |            |            |           | 24.2       |            |            |           |     | 23.4       |            |           |           | 21.4      |            |           |     | 18.0             |
| 20.0                | 24.2             |            |            |           | 23.5       |            |            |           |     | 22.6       |            |           |           | 20.7      |            |           |     | 20.0             |
| 22.0                | 23.2             |            |            |           | 22.7       |            |            |           |     | 21.7       |            |           |           | 19.9      |            |           |     | 22.0             |
| 24.0                | 20.9             | 24.9m/20.0 |            |           | 21.0       |            |            |           |     | 21.0       |            |           |           | 18.8      |            |           |     | 24.0             |
| 26.0                | 18.5             | 18.6       |            |           | 18.6       | 26.2m/18.6 |            |           |     | 18.8       | 27.5m/17.2 |           |           | 16.8      | 28.8m/16.2 |           |     | 26.0             |
| 28.0                | 16.3             | 16.8       |            |           | 16.7       | 16.7       |            |           |     | 16.7       | 16.7       |           |           | 15.2      | 15.0       |           |     | 28.0             |
| 30.0                | 29.9m/11.3       | 15.2       |            |           | 15.1       | 15.1       |            |           |     | 15.3       | 15.1       |           |           | 14.0      | 13.8       |           |     | 30.0             |
| 32.0                |                  | 14.0       |            |           | 12.0       | 13.9       |            |           |     | 14.0       | 13.9       |           |           | 12.8      | 12.6       |           |     | 32.0             |
| 34.0                |                  | 12.8       |            |           | 32.8m/10.6 | 12.7       |            |           |     | 12.2       | 12.7       |           |           | 11.6      | 11.6       |           |     | 34.0             |
| 36.0                |                  | 11.8       |            |           |            | 11.7       |            |           |     | 35.8m/9.3  | 11.7       |           |           | 11.6      | 11.6       |           |     | 36.0             |
| 38.0                |                  | 11.1       | 38.2m/11.0 |           |            | 11.0       | 39.9m/10.3 |           |     |            | 11.0       |           |           | 9.3       | 10.9       |           |     | 38.0             |
| 40.0                |                  | 39.4m/10.6 | 10.4       |           |            | 10.3       | 10.3       |           |     |            | 10.2       | 41.7m/9.6 |           | 38.7m/8.7 | 10.1       |           |     | 40.0             |
| 42.0                |                  |            | 9.7        |           |            | 9.5        | 9.6        |           |     |            | 9.6        | 9.5       |           | 9.5       | 43.4m/9.0  |           |     | 42.0             |
| 44.0                |                  |            | 9.1        |           |            | 42.3m/9.5  | 9.0        |           |     |            | 8.9        | 8.9       |           | 8.9       | 8.8        |           |     | 44.0             |
| 46.0                |                  |            | 8.6        |           |            |            | 8.5        |           |     |            | 45.3m/8.6  | 8.4       |           | 8.4       | 8.3        |           |     | 46.0             |
| 48.0                |                  |            | 8.2        |           |            |            | 8.0        |           |     |            |            | 7.9       |           | 7.8       | 7.8        |           |     | 48.0             |
| 50.0                |                  |            | 48.5m/8.1  | 50.3m/7.7 |            |            | 7.6        |           |     |            |            | 7.5       |           | 48.2m/7.8 | 7.4        |           |     | 50.0             |
| 52.0                |                  |            |            | 7.4       |            |            | 51.5m/7.3  | 52.5m/7.2 |     |            |            | 7.1       |           |           | 7.0        |           |     | 52.0             |
| 54.0                |                  |            |            | 7.0       |            |            |            | 6.9       |     |            |            | 6.8       | 54.6m/6.7 |           | 6.6        |           |     | 54.0             |
| 56.0                |                  |            |            | 6.6       |            |            |            | 6.5       |     |            |            | 54.4m/6.7 | 6.4       |           | 6.3        | 56.8m/6.1 |     | 56.0             |
| 58.0                |                  |            |            | 57.0m/6.4 |            |            |            | 6.1       |     |            |            |           | 6.0       |           | 57.4m/6.0  | 5.9       |     | 58.0             |
| 60.0                |                  |            |            |           |            |            |            | 60.0m/5.8 |     |            |            |           | 5.7       |           |            | 5.6       |     | 60.0             |
| 62.0                |                  |            |            |           |            |            |            |           |     |            |            |           | 5.4       |           |            | 5.3       |     | 62.0             |
| 64.0                |                  |            |            |           |            |            |            |           |     |            |            |           | 62.9m/5.3 |           |            | 5.1       |     | 64.0             |
| 66.0                |                  |            |            |           |            |            |            |           |     |            |            |           |           |           |            | 65.9m/4.9 |     | 66.0             |
| Reeves              | 2                | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2   | 2          | 2          | 2         | 2         | 2         | 2          | 2         | 2   | Reeves           |

| 54.9 m Tower Length | 54.9             |            |           |           |           |            |            |           |     |           |            |           |           |            |            |           |     |                  |
|---------------------|------------------|------------|-----------|-----------|-----------|------------|------------|-----------|-----|-----------|------------|-----------|-----------|------------|------------|-----------|-----|------------------|
|                     | Tower length (m) | 54.9       |           |           |           |            |            |           |     |           |            |           |           |            |            |           |     | Tower length (m) |
|                     | Jib length (m)   | 39.6       |           |           |           | 42.7       |            |           |     | 45.7      |            |           |           | 48.8       |            |           |     | Jib length (m)   |
| Working radius (m)  | Tower angle      | 90°        | 80°       | 70°       | 60°       | 90°        | 80°        | 70°       | 60° | 90°       | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60° | Tower angle      |
|                     | 14.0             | 14.1m/22.0 |           |           |           | 14.9m/20.0 |            |           |     |           | 15.7m/17.4 |           |           |            |            |           |     |                  |
| 16.0                | 21.4             |            |           |           | 19.7      |            |            |           |     | 17.4      |            |           |           | 16.5m/15.4 |            |           |     | 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             |
| 28.0                | 16.8             |            |           |           | 16.5      |            |            |           |     | 14.6      |            |           |           | 12.9       |            |           |     | 28.0             |
| 30.0                | 15.2             | 30.1m/14.9 |           |           | 15.2      | 31.4m/14.1 |            |           |     | 14.1      |            |           |           | 12.5       |            |           |     | 30.0             |
| 32.0                | 14.0             | 13.7       |           |           | 14.0      | 13.6       | 32.6m/13.4 |           |     | 13.6      | 32.6m/13.4 |           |           | 12.0       | 33.9m/12.1 |           |     | 32.0             |
| 34.0                | 12.8             | 12.5       |           |           | 12.8      | 12.4       |            |           |     | 12.6      | 12.3       |           |           | 11.6       | 12.1       |           |     | 34.0             |
| 36.0                | 11.8             | 11.5       |           |           | 11.8      | 11.4       |            |           |     | 11.6      | 11.3       |           |           | 10.9       | 11.1       |           |     | 36.0             |
| 38.0                | 10.8             | 10.8       |           |           | 10.8      | 10.6       |            |           |     | 10.6      | 10.5       |           |           | 10.1       | 10.2       |           |     | 38.0             |
| 40.0                | 9.5              | 10.0       |           |           | 9.8       | 9.8        |            |           |     | 9.7       | 9.7        |           |           | 9.4        | 9.4        |           |     | 40.0             |
| 42.0                | 41.7m/7.9        | 9.4        |           |           | 8.8       | 9.2        |            |           |     | 8.8       | 9.0        |           |           | 8.6        | 8.7        |           |     | 42.0             |
| 44.0                |                  | 8.8        | 45.2m/8.3 |           | 7.3       | 8.6        |            |           |     | 8.1       | 8.4        |           |           | 7.9        | 8.1        |           |     | 44.0             |
| 46.0                |                  | 8.2        | 8.1       |           | 44.6m/6.9 | 8.0        | 46.9m/7.7  |           |     | 7.1       | 7.8        |           |           | 7.3        | 7.6        |           |     | 46.0             |
| 48.0                |                  | 7.6        | 7.6       |           |           | 7.4        | 7.4        |           |     | 47.5m/6.1 | 7.2        | 48.7m/7.1 |           | 6.6        | 7.0        |           |     | 48.0             |
| 50.0                |                  | 7.2        | 7.2       |           |           | 7.0        | 7.0        |           |     |           | 6.8        | 6.8       |           | 5.6        | 6.6        | 50.4m/6.5 |     | 50.0             |
| 52.0                |                  | 51.2m/6.9  | 6.8       |           |           | 6.6        | 6.6        |           |     |           | 6.4        | 6.4       |           | 50.5m/5.3  | 6.2        | 6.2       |     | 52.0             |
| 54.0                |                  |            | 6.4       |           |           | 6.2        | 6.2        |           |     |           | 6.0        | 6.0       |           |            | 5.8        | 5.8       |     | 54.0             |
| 56.0                |                  |            | 6.1       |           |           | 54.1m/6.2  | 5.9        |           |     |           | 5.7        | 5.7       |           |            | 5.5        | 5.5       |     | 56.0             |
| 58.0                |                  |            | 5.8       | 58.9m/5.7 |           |            | 5.6        |           |     |           | 57.0m/5.5  | 5.4       |           |            | 5.2        | 5.2       |     | 58.0             |
| 60.0                |                  |            | 5.6       | 5.5       |           |            | 5.4        | 61.1m/5.1 |     |           |            | 5.2       |           |            | 60.0m/5.0  | 5.0       |     | 60.0             |
| 62.0                |                  |            | 60.3m/5.6 | 5.2       |           |            | 5.2        | 5.0       |     |           |            | 5.0       | 63.3m/4.7 |            | 4.8        |           |     | 62.0             |
| 64.0                |                  |            |           | 5.0       |           |            | 63.3m/5.0  | 4.8       |     |           |            | 4.8       | 4.6       |            | 4.6        | 65.4m/4.3 |     | 64.0             |
| 66.0                |                  |            |           | 4.8       |           |            |            | 4.6       |     |           |            | 4.6       | 4.4       |            | 4.4        | 4.2       |     | 66.0             |
| 68.0                |                  |            |           | 4.6       |           |            |            | 4.4       |     |           |            | 66.2m/4.6 | 4.2       |            | 4.2        | 4.0       |     | 68.0             |
| 70.0                |                  |            |           | 68.8m/4.5 |           |            |            | 4.2       |     |           |            |           | 4.0       |            | 69.1m/4.1  | 3.8       |     | 70.0             |
| 72.0                |                  |            |           |           |           |            |            | 71.8m/4.0 |     |           |            |           |           | 3.8        |            | 3.6       |     | 72.0             |
| 74.0                |                  |            |           |           |           |            |            |           |     |           |            |           |           | 3.6        |            | 3.4       |     | 74.0             |
| 76.0                |                  |            |           |           |           |            |            |           |     |           |            |           |           | 74.7m/3.5  |            | 3.2       |     | 76.0             |
| 78.0                |                  |            |           |           |           |            |            |           |     |           |            |           |           |            |            | 77.7m/3.0 |     | 78.0             |
| Reeves              | 2                | 2          | 2         | 2         | 2         | 2          | 2          | 2         | 2   | 2         | 2          | 2         | 2         | 2          | 2          | 2         | 2   | Reeves           |

Note:  
 Ratings according to Japanese Legislation for Mobile Cranes.  
 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.



# Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 58.0 m Tower Length | Tower length (m) | 58.0       |            |            |           |            |            |            |           |            |            |           |           | 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             | 10.9m/25.0 |            |            |           | 11.7m/25.0 |            |            |           |            |            |           |           | 10.0             |
|                     | 12.0             | 25.0       |            |            |           | 25.0       |            |            |           | 12.5m/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             | 24.9       |            |            |           | 24.2       |            |            |           | 23.4       |            |           |           | 18.0             |
|                     | 20.0             | 24.0       |            |            |           | 23.5       |            |            |           | 22.6       |            |           |           | 20.0             |
|                     | 22.0             | 23.0       |            |            |           | 22.7       |            |            |           | 21.7       |            |           |           | 22.0             |
|                     | 24.0             | 20.7       | 25.4m/19.4 |            |           | 21.0       |            |            |           | 21.0       |            |           |           | 24.0             |
|                     | 26.0             | 18.3       | 18.6       |            |           | 18.6       | 26.7m/18.1 |            |           | 18.8       |            |           |           | 26.0             |
|                     | 28.0             | 16.3       | 16.8       |            |           | 16.7       | 16.7       |            |           | 16.7       | 28.0m/16.7 |           |           | 28.0             |
|                     | 30.0             | 29.9m/11.3 | 15.2       |            |           | 15.1       | 15.1       |            |           | 15.3       | 15.1       |           |           | 30.0             |
|                     | 32.0             |            | 14.0       |            |           | 12.0       | 13.9       |            |           | 14.0       | 13.9       |           |           | 32.0             |
|                     | 34.0             |            | 12.8       |            |           | 32.8m/10.6 | 12.7       |            |           | 12.2       | 12.7       |           |           | 34.0             |
|                     | 36.0             |            | 11.8       |            |           |            | 11.7       |            |           | 35.8m/9.3  | 11.7       |           |           | 36.0             |
|                     | 38.0             |            | 11.1       | 39.7m/10.6 |           |            | 11.0       |            |           |            | 11.0       |           |           | 38.0             |
|                     | 40.0             |            |            | 39.9m/10.4 | 10.4      |            | 10.3       | 41.0m/10.0 |           |            | 10.2       |           |           | 40.0             |
|                     | 42.0             |            |            |            | 9.7       |            | 9.5        | 9.6        |           |            | 9.6        | 42.7m/9.2 |           | 42.0             |
|                     | 44.0             |            |            |            | 9.1       |            | 42.9m/9.3  | 9.0        |           |            | 8.9        | 8.9       |           | 44.0             |
|                     | 46.0             |            |            |            | 8.6       |            |            | 8.5        |           |            | 45.8m/8.5  | 8.4       |           | 46.0             |
|                     | 48.0             |            |            |            | 8.2       |            |            | 8.0        |           |            |            | 7.9       |           | 48.0             |
|                     | 50.0             |            |            | 49.6m/7.9  | 51.8m/7.4 |            |            | 7.6        |           |            |            | 7.5       |           | 50.0             |
|                     | 52.0             |            |            |            | 7.4       |            |            | 7.3        |           |            |            | 7.1       |           | 52.0             |
|                     | 54.0             |            |            |            | 7.0       |            |            | 52.5m/7.2  | 54.0m/6.9 |            |            | 6.8       |           | 54.0             |
|                     | 56.0             |            |            |            | 6.6       |            |            |            | 6.5       |            |            | 55.5m/6.5 | 56.2m/6.4 | 56.0             |
| 58.0                |                  |            |            | 6.2        |           |            |            | 6.1        |           |            |            | 6.0       | 58.0      |                  |
| 60.0                |                  |            |            |            | 58.6m/6.1 |            |            | 5.8        |           |            |            | 5.7       | 60.0      |                  |
| 62.0                |                  |            |            |            |           |            |            | 61.5m/5.6  |           |            |            | 5.4       | 62.0      |                  |
| 64.0                |                  |            |            |            |           |            |            |            |           |            |            | 5.1       | 64.0      |                  |
| 66.0                |                  |            |            |            |           |            |            |            |           |            |            | 64.5m/5.0 | 66.0      |                  |
| Reeves              |                  | 2          | 2          | 2          | 2         | 2          | 2          | 2          | 2         | 2          | 2          | 2         | Reeves    |                  |

| 58.0 m Tower Length | Tower length (m) | 58.0       |            |           |           |            |            |           |     |            |            |           |        | Tower length (m) |
|---------------------|------------------|------------|------------|-----------|-----------|------------|------------|-----------|-----|------------|------------|-----------|--------|------------------|
|                     | Jib length (m)   | 36.6       |            |           |           | 39.6       |            |           |     | 42.7       |            |           |        | Jib length (m)   |
|                     | Tower angle      | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60° | 90°        | 80°        | 70°       | 60°    | Tower angle      |
| Working radius (m)  | 12.0             | 13.3m/23.9 |            |           |           |            |            |           |     |            |            |           |        | 12.0             |
|                     | 14.0             | 23.6       |            |           |           | 14.1m/22.0 |            |           |     | 14.9m/20.0 |            |           |        | 14.0             |
|                     | 16.0             | 22.9       |            |           |           | 21.4       |            |           |     | 19.7       |            |           |        | 16.0             |
|                     | 18.0             | 22.2       |            |           |           | 20.8       |            |           |     | 19.2       |            |           |        | 18.0             |
|                     | 20.0             | 21.4       |            |           |           | 20.2       |            |           |     | 18.6       |            |           |        | 20.0             |
|                     | 22.0             | 20.7       |            |           |           | 19.6       |            |           |     | 18.1       |            |           |        | 22.0             |
|                     | 24.0             | 19.9       |            |           |           | 19.0       |            |           |     | 17.5       |            |           |        | 24.0             |
|                     | 26.0             | 18.8       |            |           |           | 18.3       |            |           |     | 17.0       |            |           |        | 26.0             |
|                     | 28.0             | 16.8       | 29.3m/15.7 |           |           | 16.8       |            |           |     | 16.5       |            |           |        | 28.0             |
|                     | 30.0             | 15.2       | 15.0       |           |           | 15.2       | 30.6m/14.8 |           |     | 15.2       | 31.9m/13.7 |           |        | 30.0             |
|                     | 32.0             | 14.0       | 13.8       |           |           | 14.0       | 13.7       |           |     | 14.0       | 13.6       |           |        | 32.0             |
|                     | 34.0             | 12.8       | 12.6       |           |           | 12.8       | 12.5       |           |     | 12.8       | 12.4       |           |        | 34.0             |
|                     | 36.0             | 11.6       | 11.6       |           |           | 11.8       | 11.5       |           |     | 11.8       | 11.4       |           |        | 36.0             |
|                     | 38.0             | 9.5        | 10.9       |           |           | 10.7       | 10.8       |           |     | 10.8       | 10.6       |           |        | 38.0             |
|                     | 40.0             | 38.7m/8.9  | 10.1       |           |           | 9.5        | 10.0       |           |     | 9.8        | 9.8        |           |        | 40.0             |
|                     | 42.0             |            | 9.5        |           |           | 41.7m/7.9  | 9.4        |           |     | 8.8        | 9.2        |           |        | 42.0             |
|                     | 44.0             |            | 8.9        | 44.5m/8.7 |           |            | 8.8        |           |     | 7.4        | 8.6        |           |        | 44.0             |
|                     | 46.0             |            | 8.4        | 8.3       |           |            | 8.2        | 46.2m/8.1 |     | 44.6m/7.0  | 8.0        |           |        | 46.0             |
|                     | 48.0             |            | 7.8        | 7.8       |           |            | 7.6        | 7.6       |     |            | 7.4        | 48.0m/7.4 |        | 48.0             |
|                     | 50.0             |            | 48.7m/7.7  | 7.4       |           |            | 7.2        | 7.2       |     |            | 7.0        | 7.0       |        | 50.0             |
|                     | 52.0             |            |            | 7.0       |           |            | 51.7m/6.8  | 6.8       |     |            | 6.6        | 6.6       |        | 52.0             |
|                     | 54.0             |            |            | 6.6       |           |            |            | 6.4       |     |            | 6.2        | 6.2       |        | 54.0             |
|                     | 56.0             |            |            | 6.3       |           |            |            | 6.1       |     |            | 54.6m/6.1  | 5.9       |        | 56.0             |
|                     | 58.0             |            |            | 6.0       | 58.3m/5.8 |            |            | 5.8       |     |            |            | 5.6       |        | 58.0             |
| 60.0                |                  |            | 58.4m/5.9  | 5.6       |           |            | 5.6        | 60.5m/5.3 |     |            | 5.4        |           | 60.0   |                  |
| 62.0                |                  |            |            | 5.3       |           |            | 61.3m/5.4  | 5.1       |     |            | 5.2        | 62.6m/4.8 | 62.0   |                  |
| 64.0                |                  |            |            | 5.0       |           |            |            | 4.8       |     |            | 4.9        | 4.6       | 64.0   |                  |
| 66.0                |                  |            |            | 4.8       |           |            |            | 4.6       |     |            | 64.3m/4.8  | 4.4       | 66.0   |                  |
| 68.0                |                  |            |            | 67.4m/4.6 |           |            |            | 4.4       |     |            |            | 4.2       | 68.0   |                  |
| 70.0                |                  |            |            |           |           |            |            | 4.2       |     |            |            | 4.0       | 70.0   |                  |
| 72.0                |                  |            |            |           |           |            |            | 70.3m/4.2 |     |            |            | 3.8       | 72.0   |                  |
| 74.0                |                  |            |            |           |           |            |            |           |     |            |            | 73.3m/3.6 | 74.0   |                  |
| Reeves              |                  | 2          | 2          | 2         | 2         | 2          | 2          | 2         | 2   | 2          | 2          | 2         | Reeves |                  |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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



## Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 58.0 m Tower Length | Tower length (m) | 58.0       |            |           |           |            |            |           |           |            |            | Tower length (m) |                |
|---------------------|------------------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|------------|------------------|----------------|
|                     | Jib length (m)   | 45.7       |            |           |           | 48.8       |            |           |           | 51.8       |            |                  | Jib length (m) |
|                     | Tower angle      | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°              | Tower angle    |
| Working radius (m)  | 14.0             | 15.7m/17.4 |            |           |           |            |            |           |           |            |            |                  | 14.0           |
|                     | 16.0             | 17.4       |            |           |           | 16.5m/15.4 |            |           |           | 17.2m/13.9 |            |                  | 16.0           |
|                     | 18.0             | 16.9       |            |           |           | 15.0       |            |           |           | 13.7       |            |                  | 18.0           |
|                     | 20.0             | 16.4       |            |           |           | 14.6       |            |           |           | 13.3       |            |                  | 20.0           |
|                     | 22.0             | 16.0       |            |           |           | 14.2       |            |           |           | 12.8       |            |                  | 22.0           |
|                     | 24.0             | 15.5       |            |           |           | 13.7       |            |           |           | 12.4       |            |                  | 24.0           |
|                     | 26.0             | 15.0       |            |           |           | 13.3       |            |           |           | 12.0       |            |                  | 26.0           |
|                     | 28.0             | 14.6       |            |           |           | 12.9       |            |           |           | 11.6       |            |                  | 28.0           |
|                     | 30.0             | 14.1       |            |           |           | 12.5       |            |           |           | 11.2       |            |                  | 30.0           |
|                     | 32.0             | 13.6       | 33.2m/12.7 |           |           | 12.0       |            |           |           | 10.8       |            |                  | 32.0           |
|                     | 34.0             | 12.6       | 12.3       |           |           | 11.6       | 34.5m/11.8 |           |           | 10.4       | 35.7m/10.6 |                  | 34.0           |
|                     | 36.0             | 11.5       | 11.3       |           |           | 10.9       | 11.1       |           |           | 9.8        | 10.4       |                  | 36.0           |
|                     | 38.0             | 10.6       | 10.5       |           |           | 10.1       | 10.2       |           |           | 9.1        | 9.7        |                  | 38.0           |
|                     | 40.0             | 9.6        | 9.7        |           |           | 9.4        | 9.4        |           |           | 8.5        | 9.0        |                  | 40.0           |
|                     | 42.0             | 8.8        | 9.0        |           |           | 8.6        | 8.7        |           |           | 7.9        | 8.4        |                  | 42.0           |
|                     | 44.0             | 8.1        | 8.4        |           |           | 7.9        | 8.1        |           |           | 7.4        | 7.8        |                  | 44.0           |
|                     | 46.0             | 7.1        | 7.8        |           |           | 7.3        | 7.6        |           |           | 6.9        | 7.3        |                  | 46.0           |
|                     | 48.0             | 47.5m/6.1  | 7.2        | 49.7m/6.9 |           | 6.6        | 7.0        |           |           | 6.3        | 6.8        |                  | 48.0           |
|                     | 50.0             |            | 6.8        | 6.8       |           | 5.6        | 6.6        | 51.5m/6.3 |           | 5.9        | 6.4        |                  | 50.0           |
|                     | 52.0             |            | 6.4        | 6.4       |           | 50.5m/5.3  | 6.2        | 6.2       |           | 5.4        | 6.0        | 53.2m/5.7        | 52.0           |
|                     | 54.0             |            | 6.0        | 6.0       |           |            | 5.8        | 5.8       |           | 53.4m/4.9  | 5.6        | 5.6              | 54.0           |
|                     | 56.0             |            | 5.7        | 5.7       |           |            | 5.5        | 5.5       |           |            | 5.3        | 5.3              | 56.0           |
|                     | 58.0             |            | 57.6m/5.4  | 5.4       |           |            | 5.2        | 5.2       |           |            | 5.0        | 5.0              | 58.0           |
|                     | 60.0             |            |            | 5.2       |           |            | 5.0        | 5.0       |           |            | 4.8        | 4.8              | 60.0           |
|                     | 62.0             |            |            | 5.0       |           |            | 60.5m/4.9  | 4.8       |           |            | 4.6        | 4.6              | 62.0           |
|                     | 64.0             |            |            | 4.8       | 64.8m/4.3 |            |            | 4.6       |           |            | 63.5m/4.3  | 4.4              | 64.0           |
|                     | 66.0             |            |            | 4.6       | 4.2       |            |            | 4.4       | 66.9m/3.9 |            |            | 4.2              | 66.0           |
|                     | 68.0             |            |            | 67.2m/4.4 | 4.0       |            |            | 4.2       | 3.8       |            |            | 4.0              | 68.0           |
| 70.0                |                  |            |            | 3.8       |           |            | 4.0        | 3.6       |           |            | 3.8        | 70.0             |                |
| 72.0                |                  |            |            | 3.6       |           |            | 70.2m/4.0  | 3.4       |           |            | 3.6        | 72.0             |                |
| 74.0                |                  |            |            | 3.4       |           |            |            | 3.2       |           |            | 73.1m/3.5  | 74.0             |                |
| 76.0                |                  |            |            | 3.2       |           |            |            | 3.0       |           |            |            | 76.0             |                |
| 78.0                |                  |            |            | 76.2m/3.2 |           |            |            | 2.8       |           |            |            | 78.0             |                |
| 80.0                |                  |            |            |           |           |            |            | 79.2m/2.7 |           |            |            | 80.0             |                |
|                     | Reeves           | 2          | 2          | 2         | 2         | 2          | 2          | 2         | 2         | 2          | 2          | Reeves           |                |

Note:  
 Ratings according to Japanese Legislation for Mobile Cranes.  
 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.





# Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 61.0 m Tower Length | Tower length (m) | 61.0       |            |            |           |            |            |           |           |            |            |           |           | 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             | 10.9m/25.0 |            |            |           | 11.7m/25.0 |            |           |           |            |            |           |           | 10.0             |
|                     | 12.0             | 25.0       |            |            |           | 25.0       |            |           |           | 12.5m/25.0 |            |           |           | 12.0             |
|                     | 14.0             | 25.0       |            |            |           | 25.0       |            |           |           | 25.0       |            |           |           | 14.0             |
|                     | 16.0             | 24.6       |            |            |           | 24.6       |            |           |           | 24.0       |            |           |           | 16.0             |
|                     | 18.0             | 23.7       |            |            |           | 23.7       |            |           |           | 23.0       |            |           |           | 18.0             |
|                     | 20.0             | 22.9       |            |            |           | 22.7       |            |           |           | 22.0       |            |           |           | 20.0             |
|                     | 22.0             | 21.5       |            |            |           | 21.5       |            |           |           | 21.0       |            |           |           | 22.0             |
|                     | 24.0             | 20.0       |            |            |           | 20.0       |            |           |           | 20.0       |            |           |           | 24.0             |
|                     | 26.0             | 18.3       | 26.0m/18.6 |            |           | 18.6       | 27.3m/17.4 |           |           | 18.8       |            |           |           | 26.0             |
|                     | 28.0             | 16.3       | 16.8       |            |           | 16.7       | 16.7       |           |           | 16.7       | 28.5m/16.4 |           |           | 28.0             |
|                     | 30.0             | 29.9m/11.3 | 15.2       |            |           | 15.1       | 15.1       |           |           | 15.3       | 15.1       |           |           | 30.0             |
|                     | 32.0             |            | 14.0       |            |           | 12.0       | 13.9       |           |           | 14.0       | 13.9       |           |           | 32.0             |
|                     | 34.0             |            | 12.8       |            |           | 32.8m/10.6 | 12.7       |           |           | 12.3       | 12.7       |           |           | 34.0             |
|                     | 36.0             |            | 11.8       |            |           |            | 11.7       |           |           | 35.8m/9.4  | 11.7       |           |           | 36.0             |
|                     | 38.0             |            | 11.1       |            |           |            | 11.0       |           |           |            | 11.0       |           |           | 38.0             |
|                     | 40.0             |            | 10.4       | 40.3m/10.3 |           |            | 10.3       |           |           |            | 10.2       |           |           | 40.0             |
|                     | 42.0             |            | 40.4m/10.2 | 9.7        |           |            | 9.5        | 42.0m/9.6 |           |            | 9.6        | 43.8m/8.8 |           | 42.0             |
|                     | 44.0             |            |            | 9.1        |           |            | 43.4m/9.2  | 9.0       |           |            | 8.9        | 8.8       |           | 44.0             |
|                     | 46.0             |            |            | 8.6        |           |            |            | 8.5       |           |            | 8.4        | 8.4       |           | 46.0             |
|                     | 48.0             |            |            | 8.2        |           |            |            | 8.0       |           |            | 46.3m/8.4  | 7.9       |           | 48.0             |
|                     | 50.0             |            |            | 7.8        |           |            |            | 7.6       |           |            |            | 7.5       |           | 50.0             |
|                     | 52.0             |            |            | 50.6m/7.7  | 53.4m/6.8 |            |            | 7.3       |           |            |            | 7.1       |           | 52.0             |
|                     | 54.0             |            |            |            | 6.7       |            |            | 53.6m/6.9 | 55.5m/6.4 |            |            | 6.7       |           | 54.0             |
|                     | 56.0             |            |            |            | 6.4       |            |            |           | 6.3       |            |            | 6.4       | 57.7m/5.7 | 56.0             |
|                     | 58.0             |            |            |            | 6.1       |            |            |           | 6.0       |            |            | 56.5m/6.3 | 5.7       | 58.0             |
|                     | 60.0             |            |            |            | 5.8       |            |            |           | 5.7       |            |            |           | 5.5       | 60.0             |
|                     | 62.0             |            |            |            | 60.1m/5.8 |            |            |           | 5.4       |            |            |           | 5.2       | 62.0             |
|                     | 64.0             |            |            |            |           |            |            |           | 63.0m/5.2 |            |            |           | 5.0       | 64.0             |
| 66.0                |                  |            |            |            |           |            |            |           |           |            |            | 4.8       | 66.0      |                  |
| 68.0                |                  |            |            |            |           |            |            |           |           |            |            | 66.0m/4.8 | 68.0      |                  |
| Reeves              | 2                | 2          | 2          | 2          | 2         | 2          | 2          | 2         | 2         | 2          | 2          | 2         | Reeves    |                  |

| 61.0 m Tower Length | Tower length (m) | 61.0       |            |           |           |            |            |           |           |            |            |           |           | Tower length (m) |
|---------------------|------------------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------------|
|                     | Jib length (m)   | 36.6       |            |           |           | 39.6       |            |           |           | 42.7       |            |           |           | Jib length (m)   |
|                     | Tower angle      | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | Tower angle      |
| Working radius (m)  | 12.0             | 13.3m/23.9 |            |           |           |            |            |           |           |            |            |           |           | 12.0             |
|                     | 14.0             | 23.6       |            |           |           | 14.1m/22.0 |            |           |           | 14.9m/20.0 |            |           |           | 14.0             |
|                     | 16.0             | 22.9       |            |           |           | 21.4       |            |           |           | 19.7       |            |           |           | 16.0             |
|                     | 18.0             | 22.2       |            |           |           | 20.8       |            |           |           | 19.2       |            |           |           | 18.0             |
|                     | 20.0             | 21.4       |            |           |           | 20.2       |            |           |           | 18.6       |            |           |           | 20.0             |
|                     | 22.0             | 20.7       |            |           |           | 19.6       |            |           |           | 18.1       |            |           |           | 22.0             |
|                     | 24.0             | 19.9       |            |           |           | 19.0       |            |           |           | 17.5       |            |           |           | 24.0             |
|                     | 26.0             | 18.8       |            |           |           | 18.3       |            |           |           | 17.0       |            |           |           | 26.0             |
|                     | 28.0             | 16.8       | 29.8m/15.2 |           |           | 16.8       |            |           |           | 16.5       |            |           |           | 28.0             |
|                     | 30.0             | 15.2       | 15.0       |           |           | 15.2       | 31.1m/14.3 |           |           | 15.2       |            |           |           | 30.0             |
|                     | 32.0             | 14.0       | 13.8       |           |           | 14.0       | 13.7       |           |           | 14.0       | 32.4m/13.5 |           |           | 32.0             |
|                     | 34.0             | 12.8       | 12.6       |           |           | 12.8       | 12.5       |           |           | 12.8       | 12.4       |           |           | 34.0             |
|                     | 36.0             | 11.5       | 11.6       |           |           | 11.8       | 11.5       |           |           | 11.8       | 11.4       |           |           | 36.0             |
|                     | 38.0             | 9.5        | 10.9       |           |           | 10.7       | 10.8       |           |           | 10.8       | 10.6       |           |           | 38.0             |
|                     | 40.0             | 38.7m/8.9  | 10.1       |           |           | 9.5        | 10.0       |           |           | 9.8        | 9.8        |           |           | 40.0             |
|                     | 42.0             |            | 9.5        |           |           | 41.7m/7.9  | 9.4        |           |           | 8.9        | 9.2        |           |           | 42.0             |
|                     | 44.0             |            | 8.9        | 45.5m/8.4 |           |            | 8.8        |           |           | 7.4        | 8.6        |           |           | 44.0             |
|                     | 46.0             |            | 8.4        | 8.3       |           |            | 8.2        | 47.3m/7.8 |           | 44.6m/6.9  | 8.0        |           |           | 46.0             |
|                     | 48.0             |            | 7.8        | 7.8       |           |            | 7.6        | 7.6       |           |            | 7.4        | 49.0m/7.2 |           | 48.0             |
|                     | 50.0             |            | 49.3m/7.5  | 7.4       |           |            | 7.2        | 7.2       |           |            | 7.0        | 7.0       |           | 50.0             |
|                     | 52.0             |            |            | 7.0       |           |            | 6.8        | 6.8       |           |            | 6.6        | 6.6       |           | 52.0             |
|                     | 54.0             |            |            | 6.6       |           |            | 52.2m/6.8  | 6.4       |           |            | 6.2        | 6.2       |           | 54.0             |
|                     | 56.0             |            |            | 6.3       |           |            |            | 6.1       |           |            | 55.2m/5.9  | 5.9       |           | 56.0             |
|                     | 58.0             |            |            | 6.0       | 59.8m/5.3 |            |            | 5.8       |           |            |            | 5.6       |           | 58.0             |
|                     | 60.0             |            |            | 59.4m/5.8 | 5.3       |            |            | 5.6       |           |            |            | 5.4       |           | 60.0             |
|                     | 62.0             |            |            |           | 5.1       |            |            | 5.4       | 62.0m/4.9 |            |            | 5.2       |           | 62.0             |
|                     | 64.0             |            |            |           | 4.9       |            |            | 62.4m/5.3 | 4.7       |            |            | 5.0       | 64.1m/4.0 | 64.0             |
|                     | 66.0             |            |            |           | 4.7       |            |            |           | 4.5       |            |            | 65.3m/4.9 | 4.0       | 66.0             |
| 68.0                |                  |            |            | 4.4       |           |            |            | 4.2       |           |            |            | 3.8       | 68.0      |                  |
| 70.0                |                  |            |            | 68.9m/4.3 |           |            |            | 3.9       |           |            |            | 3.6       | 70.0      |                  |
| 72.0                |                  |            |            |           |           |            |            | 3.6       |           |            |            | 3.4       | 72.0      |                  |
| 74.0                |                  |            |            |           |           |            |            | 71.9m/3.6 |           |            |            | 3.2       | 74.0      |                  |
| 76.0                |                  |            |            |           |           |            |            |           |           |            |            | 74.8m/3.1 | 76.0      |                  |
| Reeves              | 2                | 2          | 2          | 2         | 2         | 2          | 2          | 2         | 2         | 2          | 2          | 2         | Reeves    |                  |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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



## Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 61.0 m Tower Length | Tower length (m) | 61.0       |            |           |           |            |            |           |           |            |           | Tower length (m) |                |
|---------------------|------------------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|-----------|------------------|----------------|
|                     | Jib length (m)   | 45.7       |            |           |           | 48.8       |            |           |           | 51.8       |           |                  | Jib length (m) |
|                     | Tower angle      | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | 90°        | 80°       | 70°              | Tower angle    |
| Working radius (m)  | 14.0             | 15.7m/17.4 |            |           |           |            |            |           |           |            |           |                  | 14.0           |
|                     | 16.0             | 17.4       |            |           |           | 16.5m/15.4 |            |           |           | 17.2m/13.9 |           |                  | 16.0           |
|                     | 18.0             | 16.9       |            |           |           | 15.0       |            |           |           | 13.7       |           |                  | 18.0           |
|                     | 20.0             | 16.4       |            |           |           | 14.6       |            |           |           | 13.3       |           |                  | 20.0           |
|                     | 22.0             | 16.0       |            |           |           | 14.2       |            |           |           | 12.8       |           |                  | 22.0           |
|                     | 24.0             | 15.5       |            |           |           | 13.7       |            |           |           | 12.4       |           |                  | 24.0           |
|                     | 26.0             | 15.0       |            |           |           | 13.3       |            |           |           | 12.0       |           |                  | 26.0           |
|                     | 28.0             | 14.6       |            |           |           | 12.9       |            |           |           | 11.6       |           |                  | 28.0           |
|                     | 30.0             | 14.1       |            |           |           | 12.5       |            |           |           | 11.2       |           |                  | 30.0           |
|                     | 32.0             | 13.6       | 33.7m/12.6 |           |           | 12.0       |            |           |           | 10.8       |           |                  | 32.0           |
|                     | 34.0             | 12.6       | 12.3       |           |           | 11.6       | 35.0m/11.4 |           |           | 10.4       |           |                  | 34.0           |
|                     | 36.0             | 11.5       | 11.3       |           |           | 10.8       | 11.0       |           |           | 9.8        | 36.3m/9.7 |                  | 36.0           |
|                     | 38.0             | 10.4       | 10.5       |           |           | 9.9        | 10.1       |           |           | 9.1        | 9.3       |                  | 38.0           |
|                     | 40.0             | 9.5        | 9.7        |           |           | 9.3        | 9.3        |           |           | 8.5        | 8.7       |                  | 40.0           |
|                     | 42.0             | 8.7        | 9.0        |           |           | 8.5        | 8.6        |           |           | 7.9        | 8.2       |                  | 42.0           |
|                     | 44.0             | 8.1        | 8.4        |           |           | 7.8        | 8.0        |           |           | 7.4        | 7.6       |                  | 44.0           |
|                     | 46.0             | 7.2        | 7.8        |           |           | 7.3        | 7.5        |           |           | 6.9        | 7.1       |                  | 46.0           |
|                     | 48.0             | 47.5m/6.2  | 7.2        |           |           | 6.6        | 6.9        |           |           | 6.3        | 6.6       |                  | 48.0           |
|                     | 50.0             |            | 6.8        | 50.8m/6.7 |           | 5.6        | 6.5        |           |           | 5.8        | 6.2       |                  | 50.0           |
|                     | 52.0             |            | 6.4        | 6.4       |           | 50.5m/5.3  | 6.1        | 52.5m/6.0 |           | 5.3        | 5.8       |                  | 52.0           |
|                     | 54.0             |            | 6.0        | 6.0       |           |            | 5.7        | 5.7       |           | 53.4m/4.9  | 5.4       | 54.2m/5.3        | 54.0           |
|                     | 56.0             |            | 5.7        | 5.7       |           |            | 5.4        | 5.4       |           |            | 5.1       | 5.1              | 56.0           |
|                     | 58.0             |            | 5.4        | 5.4       |           |            | 5.1        | 5.1       |           |            | 4.8       | 4.8              | 58.0           |
|                     | 60.0             |            | 58.1m/5.4  | 5.2       |           |            | 4.9        | 4.9       |           |            | 4.6       | 4.6              | 60.0           |
|                     | 62.0             |            |            | 5.0       |           |            | 61.0m/4.7  | 4.7       |           |            | 4.4       | 4.4              | 62.0           |
|                     | 64.0             |            |            | 4.8       |           |            |            | 4.5       |           |            | 64.0m/4.1 | 4.2              | 64.0           |
|                     | 66.0             |            |            | 4.6       | 66.3m/3.7 |            |            | 4.3       |           |            |           | 4.0              | 66.0           |
|                     | 68.0             |            |            | 4.3       | 3.5       |            |            | 4.1       |           |            |           | 3.8              | 68.0           |
|                     | 70.0             |            |            | 68.3m/4.3 | 3.3       |            |            | 3.9       | 70.0m/3.1 |            |           | 3.6              | 70.0           |
|                     | 72.0             |            |            |           | 3.1       |            |            | 71.2m/3.8 | 2.9       |            |           | 3.4              | 72.0           |
| 74.0                |                  |            |            | 2.9       |           |            |            | 2.7       |           |            | 3.2       | 74.0             |                |
| 76.0                |                  |            |            | 2.7       |           |            |            | 2.5       |           |            | 74.2m/3.2 | 76.0             |                |
| 78.0                |                  |            |            | 77.8m/2.5 |           |            |            | 78.0m/2.3 |           |            |           | 78.0             |                |
|                     | Reeves           | 2          | 2          | 2         | 2         | 2          | 2          | 2         | 2         | 2          | 2         | Reeves           |                |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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.



# Tower Jib Lifting Capacities

Counterweight: 97.1 t  
Carbody Weight: 23.1 t

Unit: metric ton

| 64.1 m Tower Length | 64.1        |            |           |           |      |            |            |           |           |            |            |           |                | Tower 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      |
| 10.0                | 10.9m/25.0  |            |           |           |      | 11.7m/25.0 |            |           |           |            |            |           |                | 10.0             |
| 12.0                | 25.0        |            |           |           |      | 25.0       |            |           |           | 12.5m/24.8 |            |           |                | 12.0             |
| 14.0                | 24.3        |            |           |           |      | 24.3       |            |           |           | 24.3       |            |           |                | 14.0             |
| 16.0                | 23.6        |            |           |           |      | 23.6       |            |           |           | 23.6       |            |           |                | 16.0             |
| 18.0                | 22.9        |            |           |           |      | 22.9       |            |           |           | 22.9       |            |           |                | 18.0             |
| 20.0                | 22.2        |            |           |           |      | 22.2       |            |           |           | 22.0       |            |           |                | 20.0             |
| 22.0                | 21.5        |            |           |           |      | 21.5       |            |           |           | 21.0       |            |           |                | 22.0             |
| 24.0                | 20.0        |            |           |           |      | 20.0       |            |           |           | 20.0       |            |           |                | 24.0             |
| 26.0                | 18.3        | 26.5m/18.3 |           |           |      | 18.6       | 27.8m/15.9 |           |           | 18.8       |            |           |                | 26.0             |
| 28.0                | 16.3        | 16.8       |           |           |      | 16.7       | 16.7       |           |           | 16.7       | 29.1m/15.9 |           |                | 28.0             |
| 30.0                | 29.9m/11.3  | 15.2       |           |           |      | 15.1       | 15.1       |           |           | 15.3       | 15.1       |           |                | 30.0             |
| 32.0                |             | 14.0       |           |           |      | 12.0       | 13.9       |           |           | 14.0       | 13.9       |           |                | 32.0             |
| 34.0                |             | 12.8       |           |           |      | 32.8m/10.6 | 12.7       |           |           | 12.3       | 12.7       |           |                | 34.0             |
| 36.0                |             | 11.8       |           |           |      |            | 11.7       |           |           | 35.8m/9.4  | 11.7       |           |                | 36.0             |
| 38.0                |             | 11.1       |           |           |      |            | 11.0       |           |           |            | 11.0       |           |                | 38.0             |
| 40.0                |             | 10.4       | 41.3m/9.9 |           |      |            | 10.3       |           |           |            | 10.2       |           |                | 40.0             |
| 42.0                |             | 41.0m/10.0 | 9.7       |           |      |            | 9.5        | 43.1m/9.3 |           |            | 9.6        |           |                | 42.0             |
| 44.0                |             |            | 9.1       |           |      |            | 43.9m/9.0  | 9.0       |           |            | 8.9        | 44.8m/8.7 |                | 44.0             |
| 46.0                |             |            | 8.6       |           |      |            |            | 8.5       |           |            | 8.4        | 8.4       |                | 46.0             |
| 48.0                |             |            | 8.2       |           |      |            |            | 8.0       |           |            | 46.9m/8.2  | 7.9       |                | 48.0             |
| 50.0                |             |            | 7.8       |           |      |            |            | 7.6       |           |            |            | 7.5       |                | 50.0             |
| 52.0                |             |            | 51.7m/7.4 |           |      |            |            | 7.3       |           |            |            | 7.1       |                | 52.0             |
| 54.0                |             |            |           | 54.9m/6.0 |      |            |            | 6.9       |           |            |            | 6.7       |                | 54.0             |
| 56.0                |             |            |           | 5.9       |      |            |            | 54.6m/6.7 | 57.1m/5.4 |            |            | 6.4       |                | 56.0             |
| 58.0                |             |            |           | 5.7       |      |            |            |           | 5.3       |            |            | 57.5m/6.2 | 59.2m/4.9      | 58.0             |
| 60.0                |             |            |           | 5.5       |      |            |            |           | 5.1       |            |            |           | 4.8            | 60.0             |
| 62.0                |             |            |           | 61.6m/5.3 |      |            |            |           | 4.9       |            |            |           | 4.6            | 62.0             |
| 64.0                |             |            |           |           |      |            |            |           | 4.7       |            |            |           | 4.4            | 64.0             |
| 66.0                |             |            |           |           |      |            |            |           | 64.6m/4.6 |            |            |           | 4.2            | 66.0             |
| 68.0                |             |            |           |           |      |            |            |           |           |            |            |           | 67.5m/4.0      | 68.0             |
| Reeves              | 2           | 2          | 2         | 2         | 2    | 2          | 2          | 2         | 2         | 2          | 2          | 2         | 2              | Reeves           |

| Working radius (m) | 64.1        |            |           |           |      |            |            |           |           |            |            |           |                | Tower length (m) |
|--------------------|-------------|------------|-----------|-----------|------|------------|------------|-----------|-----------|------------|------------|-----------|----------------|------------------|
|                    | 36.6        |            |           |           | 39.6 |            |            |           | 42.7      |            |            |           | Jib length (m) |                  |
|                    | Tower angle | 90°        | 80°       | 70°       | 60°  | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°            | Tower angle      |
| 12.0               | 13.3m/23.9  |            |           |           |      |            |            |           |           |            |            |           |                | 12.0             |
| 14.0               | 23.6        |            |           |           |      | 14.1m/22.0 |            |           |           | 14.9m/20.0 |            |           |                | 14.0             |
| 16.0               | 22.9        |            |           |           |      | 21.4       |            |           |           | 19.7       |            |           |                | 16.0             |
| 18.0               | 22.2        |            |           |           |      | 20.8       |            |           |           | 19.2       |            |           |                | 18.0             |
| 20.0               | 21.4        |            |           |           |      | 20.2       |            |           |           | 18.6       |            |           |                | 20.0             |
| 22.0               | 20.7        |            |           |           |      | 19.6       |            |           |           | 18.1       |            |           |                | 22.0             |
| 24.0               | 19.9        |            |           |           |      | 19.0       |            |           |           | 17.5       |            |           |                | 24.0             |
| 26.0               | 18.8        |            |           |           |      | 18.3       |            |           |           | 17.0       |            |           |                | 26.0             |
| 28.0               | 16.8        |            |           |           |      | 16.8       |            |           |           | 16.5       |            |           |                | 28.0             |
| 30.0               | 15.2        | 30.4m/14.9 |           |           |      | 15.2       | 31.7m/13.9 |           |           | 15.2       |            |           |                | 30.0             |
| 32.0               | 14.0        | 13.8       |           |           |      | 14.0       | 13.7       |           |           | 14.0       | 32.9m/13.3 |           |                | 32.0             |
| 34.0               | 12.8        | 12.6       |           |           |      | 12.8       | 12.5       |           |           | 12.8       | 12.4       |           |                | 34.0             |
| 36.0               | 11.5        | 11.6       |           |           |      | 11.8       | 11.5       |           |           | 11.8       | 11.4       |           |                | 36.0             |
| 38.0               | 9.5         | 10.9       |           |           |      | 10.7       | 10.8       |           |           | 10.8       | 10.6       |           |                | 38.0             |
| 40.0               | 38.7m/8.9   | 10.1       |           |           |      | 9.5        | 10.0       |           |           | 9.7        | 9.8        |           |                | 40.0             |
| 42.0               |             | 9.5        |           |           |      | 41.7m/7.9  | 9.4        |           |           | 8.8        | 9.2        |           |                | 42.0             |
| 44.0               |             | 8.9        |           |           |      |            | 8.8        |           |           | 7.4        | 8.6        |           |                | 44.0             |
| 46.0               |             | 8.4        | 46.5m/8.1 |           |      |            | 8.2        |           |           | 44.6m/6.9  | 8.0        |           |                | 46.0             |
| 48.0               |             | 7.8        | 7.8       |           |      |            | 7.6        | 48.3m/7.6 |           |            | 7.4        |           |                | 48.0             |
| 50.0               |             | 49.8m/7.4  | 7.4       |           |      |            | 7.2        | 7.2       |           |            | 7.0        | 50.0m/7.0 |                | 50.0             |
| 52.0               |             |            | 7.0       |           |      |            | 6.7        | 6.8       |           |            | 6.6        | 6.6       |                | 52.0             |
| 54.0               |             |            | 6.6       |           |      |            | 52.7m/6.6  | 6.4       |           |            | 6.1        | 6.2       |                | 54.0             |
| 56.0               |             |            | 6.3       |           |      |            |            | 6.1       |           |            | 55.7m/5.8  | 5.9       |                | 56.0             |
| 58.0               |             |            | 6.0       |           |      |            |            | 5.8       |           |            |            | 5.6       |                | 58.0             |
| 60.0               |             |            | 5.7       | 61.4m/4.5 |      |            |            | 5.6       |           |            |            | 5.4       |                | 60.0             |
| 62.0               |             |            | 60.5m/5.6 | 4.4       |      |            |            | 5.4       | 63.5m/4.0 |            |            | 5.2       |                | 62.0             |
| 64.0               |             |            |           | 4.2       |      |            |            | 63.4m/5.3 | 4.0       |            |            | 5.0       |                | 64.0             |
| 66.0               |             |            |           | 4.0       |      |            |            |           | 3.8       |            |            | 4.8       | 66.0m/3.4      | 66.0             |
| 68.0               |             |            |           | 3.8       |      |            |            |           | 3.6       |            |            | 66.4m/4.7 | 3.4            | 68.0             |
| 70.0               |             |            |           | 3.6       |      |            |            |           | 3.4       |            |            |           | 3.2            | 70.0             |
| 72.0               |             |            |           | 70.5m/3.5 |      |            |            |           | 3.2       |            |            |           | 3.0            | 72.0             |
| 74.0               |             |            |           |           |      |            |            |           | 73.4m/3.0 |            |            |           | 74.0m/2.8      | 74.0             |
| Reeves             | 2           | 2          | 2         | 2         | 2    | 2          | 2          | 2         | 2         | 2          | 2          | 2         | 2              | Reeves           |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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



## Tower Jib Lifting Capacities

Counterweight: 97.1 t

Carbody Weight: 23.1 t

Unit: metric ton

| 64.1 m Tower Length | Tower length (m) | 64.1       |            |           |            |            |           |            |           |           | Tower length (m) |      |
|---------------------|------------------|------------|------------|-----------|------------|------------|-----------|------------|-----------|-----------|------------------|------|
|                     | Jib length (m)   | 45.7       |            |           | 48.8       |            |           | 51.8       |           |           | Jib length (m)   |      |
|                     | Tower angle      | 90°        | 80°        | 70°       | 90°        | 80°        | 70°       | 90°        | 80°       | 70°       | Tower angle      |      |
| Working radius (m)  | 14.0             | 15.7m/17.4 |            |           |            |            |           |            |           |           |                  | 14.0 |
|                     | 16.0             | 17.4       |            |           | 16.5m/15.4 |            |           | 17.2m/13.9 |           |           |                  | 16.0 |
|                     | 18.0             | 16.9       |            |           | 15.0       |            |           | 13.7       |           |           |                  | 18.0 |
|                     | 20.0             | 16.4       |            |           | 14.6       |            |           | 13.3       |           |           |                  | 20.0 |
|                     | 22.0             | 16.0       |            |           | 14.2       |            |           | 12.8       |           |           |                  | 22.0 |
|                     | 24.0             | 15.5       |            |           | 13.7       |            |           | 12.4       |           |           |                  | 24.0 |
|                     | 26.0             | 15.0       |            |           | 13.3       |            |           | 11.9       |           |           |                  | 26.0 |
|                     | 28.0             | 14.6       |            |           | 12.9       |            |           | 11.5       |           |           |                  | 28.0 |
|                     | 30.0             | 14.1       |            |           | 12.5       |            |           | 11.1       |           |           |                  | 30.0 |
|                     | 32.0             | 13.6       |            |           | 12.0       |            |           | 10.8       |           |           |                  | 32.0 |
|                     | 34.0             | 12.6       | 34.2m/12.3 |           | 11.6       | 35.5m/11.4 |           | 10.4       |           |           |                  | 34.0 |
|                     | 36.0             | 11.5       | 11.3       |           | 10.8       | 11.0       |           | 9.8        | 36.8m/9.2 |           |                  | 36.0 |
|                     | 38.0             | 10.4       | 10.5       |           | 9.9        | 10.1       |           | 9.1        | 9.0       |           |                  | 38.0 |
|                     | 40.0             | 9.5        | 9.7        |           | 9.3        | 9.3        |           | 8.5        | 8.4       |           |                  | 40.0 |
|                     | 42.0             | 8.7        | 9.0        |           | 8.5        | 8.6        |           | 7.9        | 7.9       |           |                  | 42.0 |
|                     | 44.0             | 7.9        | 8.4        |           | 7.8        | 8.0        |           | 7.4        | 7.3       |           |                  | 44.0 |
|                     | 46.0             | 7.1        | 7.8        |           | 7.1        | 7.5        |           | 6.8        | 6.8       |           |                  | 46.0 |
|                     | 48.0             | 47.5m/6.2  | 7.2        |           | 6.4        | 6.9        |           | 6.2        | 6.3       |           |                  | 48.0 |
|                     | 50.0             |            | 6.8        | 51.8m/6.4 | 5.6        | 6.5        |           | 5.6        | 5.9       |           |                  | 50.0 |
|                     | 52.0             |            | 6.4        | 6.4       | 50.5m/5.3  | 6.1        | 53.5m/5.8 | 5.0        | 5.5       |           |                  | 52.0 |
|                     | 54.0             |            | 6.0        | 6.0       |            | 5.7        | 5.7       | 53.4m/4.5  | 5.1       | 55.3m/4.9 |                  | 54.0 |
|                     | 56.0             |            | 5.7        | 5.7       |            | 5.4        | 5.4       |            | 4.8       | 4.8       |                  | 56.0 |
|                     | 58.0             |            | 5.4        | 5.4       |            | 5.1        | 5.1       |            | 4.5       | 4.5       |                  | 58.0 |
|                     | 60.0             |            | 58.6m/5.3  | 5.2       |            | 4.9        | 4.9       |            | 4.3       | 4.3       |                  | 60.0 |
|                     | 62.0             |            |            | 5.0       |            | 61.6m/4.7  | 4.7       |            | 4.1       | 4.1       |                  | 62.0 |
|                     | 64.0             |            |            | 4.8       |            |            | 4.5       |            | 3.8       | 3.9       |                  | 64.0 |
|                     | 66.0             |            |            | 4.6       |            |            | 4.3       |            | 64.5m/3.7 | 3.7       |                  | 66.0 |
|                     | 68.0             |            |            | 4.4       |            |            | 4.1       |            |           | 3.5       |                  | 68.0 |
| 70.0                |                  |            | 69.3m/4.3  |           |            | 3.9        |           |            | 3.3       |           | 70.0             |      |
| 72.0                |                  |            |            |           |            | 3.8        |           |            | 3.1       |           | 72.0             |      |
| 74.0                |                  |            |            |           |            | 72.3m/3.7  |           |            | 3.0       |           | 74.0             |      |
| 76.0                |                  |            |            |           |            |            |           |            | 75.2m/2.9 |           | 76.0             |      |
|                     | Reeves           | 2          | 2          | 2         | 2          | 2          | 2         | 2          | 2         | 2         | Reeves           |      |

Note:

Ratings according to Japanese Legislation for Mobile Cranes.

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.

- 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 bucket, 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.
- Rated loads do not exceed 66% of minimum tipping loads.
- 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 16 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.

## (Clamshell bucket lifting)

- The total load that can be lifted is the value for 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.  $\text{Bucket capacity (m}^3\text{)} \times \text{specified gravity of material (ton/m}^3\text{)} + \text{bucket weight (ton)} = \text{rated load}$ .
- 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.

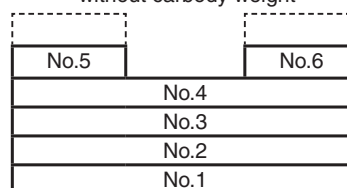
## <Reference Information>

### Main hoist loads

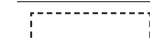
|                      |      |
|----------------------|------|
| No. of Parts of Line | 1    |
| Maximum Loads (kN)   | 123  |
| Maximum Loads (t)    | 12.5 |

### Assembling the counterweight

75.1 ton counterweight  
without carbody weight



Counterweights



Carbody weights

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

# LIFTING CAPACITIES



## Clamshell Rating Charts Crane Boom Capacities

Counterweight: 75.1 t

Unit: metric ton

| Working radius (m) \ Boom length (m) | 18.3 | 21.3 | 24.4 | 27.4 | 30.5 | 33.5 | Boom length (m) \ Working radius (m) |
|--------------------------------------|------|------|------|------|------|------|--------------------------------------|
| 8.0                                  | 12.5 |      |      |      |      |      | 8.0                                  |
| 9.0                                  | 12.5 | 12.5 |      |      |      |      | 9.0                                  |
| 10.0                                 | 12.5 | 12.5 | 12.5 |      |      |      | 10.0                                 |
| 11.0                                 | 12.5 | 12.5 | 12.5 | 12.5 |      |      | 11.0                                 |
| 12.0                                 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 |      | 12.0                                 |
| 13.0                                 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 13.0                                 |
| 14.0                                 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 14.0                                 |
| 15.0                                 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 15.0                                 |
| 16.0                                 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 16.0                                 |
| 17.0                                 |      | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 17.0                                 |
| 18.0                                 |      | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 18.0                                 |
| 19.0                                 |      | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 19.0                                 |
| 20.0                                 |      |      | 12.5 | 12.5 | 12.5 | 12.5 | 20.0                                 |
| 21.0                                 |      |      | 12.5 | 12.5 | 12.5 | 12.5 | 21.0                                 |
| 22.0                                 |      |      | 12.5 | 12.5 | 12.5 | 12.5 | 22.0                                 |
| 23.0                                 |      |      |      | 12.5 | 12.5 | 12.5 | 23.0                                 |
| 24.0                                 |      |      |      | 12.5 | 12.5 | 12.5 | 24.0                                 |
| 25.0                                 |      |      |      |      | 12.5 | 12.5 | 25.0                                 |
| 26.0                                 |      |      |      |      | 12.5 | 12.5 | 26.0                                 |
| 27.0                                 |      |      |      |      | 12.5 | 12.3 | 27.0                                 |
| 28.0                                 |      |      |      |      |      | 12.0 | 28.0                                 |
| 29.0                                 |      |      |      |      |      | 11.7 | 29.0                                 |
| <b>Reeves</b>                        | 1    | 1    | 1    | 1    | 1    | 1    | <b>Reeves</b>                        |

Note:  
Please refer rated chart in operator's cabin.

# SUPPLEMENTAL DATA FOR REDUCED WEIGHTS RATING CHART

- Ratings according to Japanese Construction Codes for Mobile Cranes.
- 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 16 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 2.4 (ton).
- When erecting and lowering the boom length of 76.2 m with fixed jib, the blocks for erection must be placed at the end of the crawlers.

## (Crane 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.

### <Reference Information>

#### Main hoist loads

|                      |      |      |      |      |      |
|----------------------|------|------|------|------|------|
| No. of Parts of Line | 1    | 2    | 3    | 4    | 5    |
| Maximum Loads (kN)   | 132  | 265  | 397  | 530  | 662  |
| Maximum Loads (t)    | 13.5 | 27.0 | 40.5 | 54.0 | 67.5 |

|                      |      |      |       |       |       |
|----------------------|------|------|-------|-------|-------|
| No. of Parts of Line | 6    | 7    | 8     | 9     | 10    |
| Maximum Loads (kN)   | 794  | 927  | 1,059 | 1,192 | 1,324 |
| Maximum Loads (t)    | 81.0 | 94.5 | 108.0 | 121.5 | 135.0 |

|                      |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|
| No. of Parts of Line | 11    | 12    | 14    | 16    | 18    |
| Maximum Loads (kN)   | 1,456 | 1,530 | 1,785 | 1,961 | 2,206 |
| Maximum Loads (t)    | 148.5 | 156.0 | 182.0 | 200.0 | 225.0 |

|                      |       |
|----------------------|-------|
| No. of Parts of Line | 22    |
| Maximum Loads (kN)   | 2,452 |
| Maximum Loads (t)    | 250.0 |

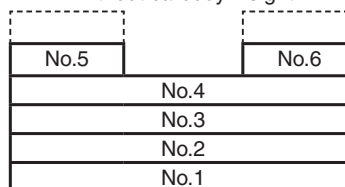
#### Auxiliary hoist loads

|                      |      |      |
|----------------------|------|------|
| No. of Parts of Line | 1    | 2    |
| Maximum Loads (kN)   | 132  | 265  |
| Maximum Loads (t)    | 13.5 | 27.0 |

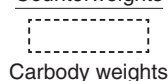
| Weight of hook block |       |       |      |      |           |
|----------------------|-------|-------|------|------|-----------|
| Hook Block           | 250 t | 150 t | 70 t | 35 t | Ball Hook |
| Weight (t)           | 4.2   | 2.3   | 1.2  | 0.9  | 0.45      |

#### Assembling the counterweight

75.1 ton counterweight  
without carbody weight



Counterweights



Carbody weights

- The lifting capacity does not change due to the type of counterweights.

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

# LIFTING CAPACITIES



## Reduced Weights Rating Charts Crane Boom Lifting Capacities

Counterweight: 75.1 t

Unit: metric ton

| Working radius (m) | Boom length (m) | Lifting Capacity (t) |            |            |            |            |            |            |            |            |            |      | Working radius (m) |        |
|--------------------|-----------------|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|--------------------|--------|
|                    |                 | 15.2                 | 18.3       | 21.3       | 24.4       | 27.4       | 30.5       | 33.5       | 36.6       | 39.6       | 42.7       | 45.7 |                    |        |
| 4.6                | 4.6m/231.7      |                      |            |            |            |            |            |            |            |            |            |      |                    | 4.6    |
| 5.0                | 214.7           | 5.0m/214.3           | 5.5m/194.9 |            |            |            |            |            |            |            |            |      |                    | 5.0    |
| 6.0                | 181.2           | 181.0                | 180.6      | 6.1m/175.6 | 6.6m/156.0 |            |            |            |            |            |            |      |                    | 6.0    |
| 7.0                | 148.6           | 148.4                | 148.2      | 148.2      | 148.1      | 7.1m/141.7 | 7.7m/128.5 |            |            |            |            |      |                    | 7.0    |
| 8.0                | 124.3           | 124.2                | 124.1      | 124.1      | 124.0      | 123.9      | 123.8      | 8.2m/117.3 | 8.7m/107.1 |            |            |      |                    | 8.0    |
| 9.0                | 104.3           | 104.2                | 104.1      | 104.1      | 104.0      | 103.9      | 103.8      | 103.8      | 103.8      | 9.2m/98.6  | 9.8m/90.4  |      |                    | 9.0    |
| 10.0               | 88.2            | 88.1                 | 87.9       | 87.9       | 87.8       | 87.7       | 87.5       | 87.5       | 87.4       | 87.3       | 87.2       |      |                    | 10.0   |
| 12.0               | 67.1            | 66.9                 | 66.7       | 66.6       | 66.5       | 66.4       | 66.2       | 66.2       | 66.0       | 65.9       | 65.7       |      |                    | 12.0   |
| 14.0               | 53.9            | 53.7                 | 53.4       | 53.3       | 53.2       | 53.0       | 52.8       | 52.8       | 52.6       | 52.4       | 52.3       |      |                    | 14.0   |
| 16.0               | 14.8m/49.9      | 44.7                 | 44.4       | 44.2       | 44.0       | 43.9       | 43.7       | 43.7       | 43.5       | 43.3       | 43.1       |      |                    | 16.0   |
| 18.0               |                 | 17.5m/39.8           | 37.8       | 37.7       | 37.4       | 37.3       | 37.0       | 37.0       | 36.8       | 36.6       | 36.4       |      |                    | 18.0   |
| 20.0               |                 |                      | 32.9       | 32.7       | 32.4       | 32.2       | 32.0       | 31.9       | 31.7       | 31.5       | 31.3       |      |                    | 20.0   |
| 22.0               |                 |                      | 20.1m/32.7 | 28.8       | 28.5       | 28.3       | 28.0       | 28.0       | 27.8       | 27.5       | 27.3       |      |                    | 22.0   |
| 24.0               |                 |                      |            | 22.7m/27.6 | 25.3       | 25.1       | 24.8       | 24.8       | 24.5       | 24.3       | 24.1       |      |                    | 24.0   |
| 26.0               |                 |                      |            |            | 25.4m/23.5 | 22.5       | 22.2       | 22.2       | 21.9       | 21.7       | 21.5       |      |                    | 26.0   |
| 28.0               |                 |                      |            |            |            | 28.0m/20.4 | 20.1       | 20.0       | 19.7       | 19.5       | 19.3       |      |                    | 28.0   |
| 30.0               |                 |                      |            |            |            |            | 18.2       | 18.1       | 17.9       | 17.6       | 17.4       |      |                    | 30.0   |
| 32.0               |                 |                      |            |            |            |            | 30.7m/17.7 | 16.6       | 16.3       | 16.0       | 15.8       |      |                    | 32.0   |
| 34.0               |                 |                      |            |            |            |            |            | 33.3m/15.7 | 14.9       | 14.6       | 14.4       |      |                    | 34.0   |
| 36.0               |                 |                      |            |            |            |            |            |            | 35.9m/13.8 | 13.4       | 13.2       |      |                    | 36.0   |
| 38.0               |                 |                      |            |            |            |            |            |            |            | 12.4       | 12.1       |      |                    | 38.0   |
| 40.0               |                 |                      |            |            |            |            |            |            |            | 38.6m/12.1 | 11.2       |      |                    | 40.0   |
| 42.0               |                 |                      |            |            |            |            |            |            |            |            | 41.2m/10.7 |      |                    | 42.0   |
| Reeves             | 20              | 18                   | 16         | 14         | 12         | 11         | 10         | 9          | 8          | 8          | 7          |      |                    | Reeves |

| Working radius (m) | Boom length (m) | Lifting Capacity (t) |            |            |            |            |            |            |            |            |      |  | Working radius (m) |
|--------------------|-----------------|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------|--|--------------------|
|                    |                 | 48.8                 | 51.8       | 54.9       | 57.9       | 61.0       | 64.0       | 67.1       | 70.1       | 73.2       | 76.2 |  |                    |
| 10.0               | 10.3m/81.0      | 10.8m/76.7           | 11.4m/71.1 | 11.9m/65.8 |            |            |            |            |            |            |      |  | 10.0               |
| 12.0               | 65.7            | 65.5                 | 65.3       | 65.3       | 12.4m/61.0 | 12.9m/56.3 | 13.5m/51.6 |            |            |            |      |  | 12.0               |
| 14.0               | 52.3            | 52.1                 | 51.9       | 51.8       | 51.6       | 51.4       | 50.8       | 14.0m/47.6 | 14.5m/43.1 | 15.1m/37.1 |      |  | 14.0               |
| 16.0               | 43.1            | 42.8                 | 42.6       | 42.5       | 42.4       | 42.2       | 42.1       | 41.9       | 41.3       | 36.0       |      |  | 16.0               |
| 18.0               | 36.4            | 36.1                 | 35.9       | 35.8       | 35.7       | 35.4       | 35.4       | 35.1       | 35.0       | 33.7       |      |  | 18.0               |
| 20.0               | 31.3            | 31.0                 | 30.8       | 30.7       | 30.5       | 30.3       | 30.2       | 30.0       | 29.8       | 29.8       |      |  | 20.0               |
| 22.0               | 27.3            | 27.0                 | 26.8       | 26.7       | 26.5       | 26.3       | 26.2       | 26.0       | 25.8       | 25.7       |      |  | 22.0               |
| 24.0               | 24.1            | 23.8                 | 23.6       | 23.4       | 23.3       | 23.0       | 23.0       | 22.7       | 22.5       | 22.5       |      |  | 24.0               |
| 26.0               | 21.4            | 21.1                 | 20.9       | 20.8       | 20.6       | 20.4       | 20.3       | 20.0       | 19.9       | 19.8       |      |  | 26.0               |
| 28.0               | 19.2            | 18.9                 | 18.7       | 18.5       | 18.4       | 18.1       | 18.0       | 17.8       | 17.6       | 17.5       |      |  | 28.0               |
| 30.0               | 17.3            | 17.0                 | 16.8       | 16.6       | 16.5       | 16.2       | 16.1       | 15.9       | 15.7       | 15.6       |      |  | 30.0               |
| 32.0               | 15.7            | 15.4                 | 15.2       | 15.0       | 14.9       | 14.6       | 14.5       | 14.2       | 14.1       | 14.0       |      |  | 32.0               |
| 34.0               | 14.3            | 14.0                 | 13.8       | 13.6       | 13.4       | 13.2       | 13.1       | 12.8       | 12.6       | 12.5       |      |  | 34.0               |
| 36.0               | 13.1            | 12.8                 | 12.5       | 12.4       | 12.2       | 11.9       | 11.8       | 11.6       | 11.4       | 11.3       |      |  | 36.0               |
| 38.0               | 12.0            | 11.7                 | 11.5       | 11.3       | 11.1       | 10.8       | 10.7       | 10.5       | 10.3       | 10.2       |      |  | 38.0               |
| 40.0               | 11.1            | 10.8                 | 10.5       | 10.3       | 10.1       | 9.9        | 9.7        | 9.5        | 9.3        | 9.2        |      |  | 40.0               |
| 42.0               | 10.2            | 9.9                  | 9.6        | 9.4        | 9.3        | 9.0        | 8.9        | 8.6        | 8.4        | 8.3        |      |  | 42.0               |
| 44.0               | 43.9m/9.5       | 9.1                  | 8.9        | 8.7        | 8.5        | 8.2        | 8.1        | 7.8        | 7.6        | 7.5        |      |  | 44.0               |
| 46.0               |                 | 8.5                  | 8.2        | 8.0        | 7.8        | 7.5        | 7.4        | 7.1        | 6.9        | 6.8        |      |  | 46.0               |
| 48.0               |                 | 46.5m/8.3            | 7.6        | 7.3        | 7.2        | 6.9        | 6.7        | 6.4        | 6.3        | 6.1        |      |  | 48.0               |
| 50.0               |                 |                      | 49.1m/7.3  | 6.8        | 6.6        | 6.3        | 6.1        | 5.9        | 5.6        | 5.4        |      |  | 50.0               |
| 52.0               |                 |                      |            | 51.8m/6.3  | 6.1        | 5.8        | 5.6        | 5.2        | 5.0        | 4.8        |      |  | 52.0               |
| 54.0               |                 |                      |            |            | 5.6        | 5.3        | 5.0        | 4.6        | 4.4        | 4.1        |      |  | 54.0               |
| 56.0               |                 |                      |            |            | 54.4m/5.5  | 4.7        | 4.5        | 4.0        | 3.8        | 3.6        |      |  | 56.0               |
| 58.0               |                 |                      |            |            |            | 57.1m/4.5  | 4.0        | 3.5        | 3.3        | 3.0        |      |  | 58.0               |
| 60.0               |                 |                      |            |            |            |            | 59.7m/3.6  | 3.1        | 2.8        | 2.6        |      |  | 60.0               |
| 62.0               |                 |                      |            |            |            |            |            | 2.6        | 2.4        |            |      |  | 62.0               |
| 64.0               |                 |                      |            |            |            |            |            | 62.3m/2.6  |            |            |      |  | 64.0               |
| Reeves             | 6               | 6                    | 6          | 5          | 5          | 5          | 4          | 4          | 4          | 3          |      |  | Reeves             |

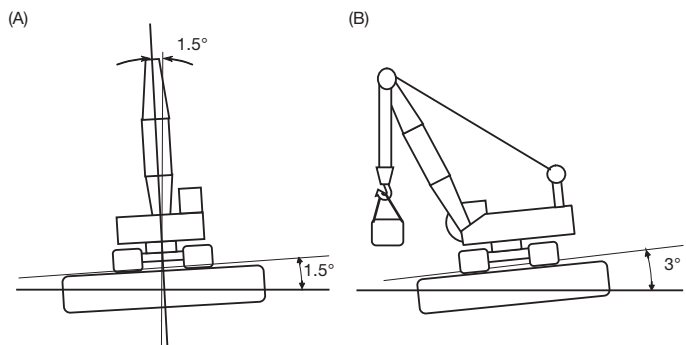
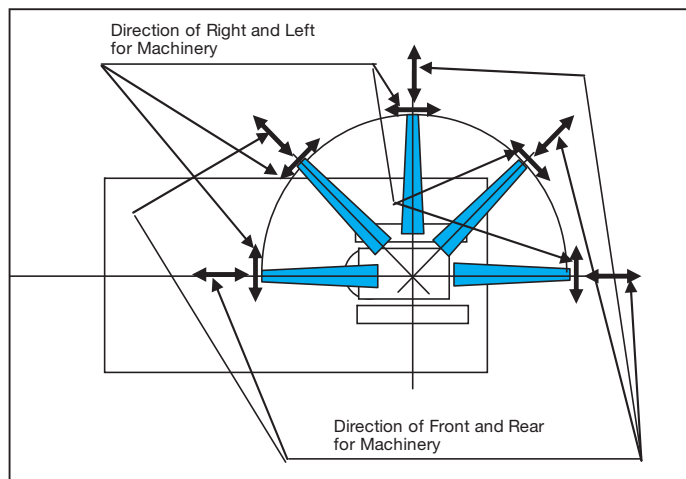
Note:

Ratings according to Japanese Construction Codes for Mobile Cranes. 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 BARGE RATING CHART

- 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.
- Condition of barge stability this rating chart were determined under the condition below. The stability of barge shall meet below condition. During operation the machinery static inclination against horizontal level.
  - (A) Both sides (right & left) of machine  
Maximum inclination shall be within 1.5 degrees
  - (B) Front & backward of machine  
Maximum inclination shall be within 3.0 degrees



- Working area shall be inshore and smooth water.
- Applicable regulations for structure
- Japanese construction codes for mobile crane
  - ※ Regulation of class of shipping (abs, lloyd, bv, nk, etc) are not adapted.
- 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 16 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 2.4 (ton).
- The machinery should be fastened to the deck of the barge to prevent tip over and sliding.

- Towing area  
Towing area shall be within coastal area and quiet wave condition. Offshore and open sea is not considered for this machinery. Depend on the height of wave, counterweight shall be reduced during towing.

## (Crane 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 main hook block, 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 auxiliary sheave hook block, slings, and all other load handling accessories deducted from auxiliary sheave ratings shown.

## <Reference Information>

### Main hoist loads

|                      |      |      |      |      |      |
|----------------------|------|------|------|------|------|
| No. of Parts of Line | 1    | 2    | 3    | 4    | 5    |
| Maximum Loads (kN)   | 132  | 265  | 397  | 530  | 662  |
| Maximum Loads (t)    | 13.5 | 27.0 | 40.5 | 54.0 | 67.5 |

|                      |      |      |       |       |
|----------------------|------|------|-------|-------|
| No. of Parts of Line | 6    | 7    | 8     | 10    |
| Maximum Loads (kN)   | 794  | 927  | 1,059 | 1,275 |
| Maximum Loads (t)    | 81.0 | 94.5 | 108.0 | 130.0 |

### Auxiliary hoist loads

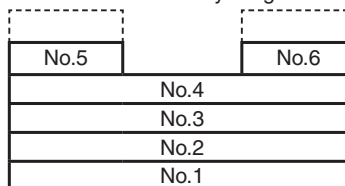
|                      |      |
|----------------------|------|
| No. of Parts of Line | 1    |
| Maximum Loads (kN)   | 132  |
| Maximum Loads (t)    | 13.5 |

| Weight of hook block |       |       |      |      |           |
|----------------------|-------|-------|------|------|-----------|
| Hook Block           | 250 t | 150 t | 70 t | 35 t | Ball Hook |
| Weight (t)           | 4.2   | 2.3   | 1.2  | 0.9  | 0.45      |

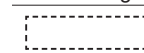
Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.

## Assembling the counterweight

75.1 ton counterweight  
without carbody weight



Counterweights



Carbody weights

- Counterweight shall be reduced to 75.1 ton, and carbody weight shall be removed.

|                | On Barge         | On Gound (full c/w) |
|----------------|------------------|---------------------|
| Boom Length    | 18.3 m to 54.9 m | 15.2 m to 76.2 m    |
| Counterweight  | 75.1 t           | 97.1 t              |
| Carbody weight | None (Removed)   | 23.1 t              |

# LIFTING CAPACITIES



## Barge Rating Charts Crane Boom Lifting Capacities

Counterweight: 75.1 t

Unit: metric ton

| Working radius (m) | Boom length (m) |            |            |            |           |            |            |            |            | Boom length (m) | Working radius (m) |
|--------------------|-----------------|------------|------------|------------|-----------|------------|------------|------------|------------|-----------------|--------------------|
|                    |                 | 18.3       | 21.3       | 24.4       | 27.4      | 30.5       | 33.5       | 36.6       | 39.6       |                 |                    |
| 6.0                | 130.0           | 6.6m/114.0 |            |            |           |            |            |            |            |                 | 6.0                |
| 7.0                | 109.0           | 107.2      | 7.3m/103.0 |            |           |            |            |            |            |                 | 7.0                |
| 8.0                | 93.5            | 93.1       | 92.7       | 92.5       | 8.7m/82.5 |            |            |            |            |                 | 8.0                |
| 9.0                | 82.6            | 82.2       | 81.8       | 81.4       | 81.1      | 9.4m/75.0  |            |            |            |                 | 9.0                |
| 10.0               | 73.8            | 73.4       | 73.0       | 72.7       | 72.4      | 72.1       | 10.1m/67.5 | 10.7m/62.0 | 11.4m/56.5 |                 | 10.0               |
| 12.0               | 58.4            | 60.3       | 59.9       | 59.6       | 59.2      | 58.9       | 58.6       | 58.2       | 55.6       |                 | 12.0               |
| 14.0               | 47.1            | 48.9       | 49.1       | 49.8       | 49.9      | 49.6       | 49.3       | 49.0       | 48.7       |                 | 14.0               |
| 16.0               | 38.1            | 40.1       | 40.5       | 41.4       | 42.1      | 42.6       | 42.3       | 42.0       | 41.7       |                 | 16.0               |
| 18.0               | 17.5m/29.6      | 33.4       | 34.1       | 35.0       | 35.5      | 36.2       | 36.7       | 36.4       | 36.2       |                 | 18.0               |
| 20.0               |                 | 26.6       | 29.2       | 29.9       | 30.5      | 31.0       | 31.5       | 31.5       | 31.3       |                 | 20.0               |
| 22.0               |                 | 20.1m/26.1 | 25.3       | 25.9       | 26.5      | 27.0       | 27.4       | 27.6       | 27.4       |                 | 22.0               |
| 24.0               |                 |            | 22.7m/23.1 | 22.8       | 23.3      | 23.7       | 24.0       | 24.2       | 24.1       |                 | 24.0               |
| 26.0               |                 |            |            | 25.4m/20.6 | 20.6      | 21.1       | 21.4       | 21.5       | 21.6       |                 | 26.0               |
| 28.0               |                 |            |            |            | 18.4      | 18.7       | 19.0       | 19.2       | 19.4       |                 | 28.0               |
| 30.0               |                 |            |            |            |           | 16.8       | 17.1       | 17.3       | 17.5       |                 | 30.0               |
| 32.0               |                 |            |            |            |           | 30.7m/16.1 | 15.5       | 15.6       | 16.0       |                 | 32.0               |
| 34.0               |                 |            |            |            |           |            | 33.3m/14.5 | 14.2       | 14.5       |                 | 34.0               |
| 36.0               |                 |            |            |            |           |            |            | 35.9m/12.9 | 13.4       |                 | 36.0               |
| 38.0               |                 |            |            |            |           |            |            |            | 12.4       |                 | 38.0               |
| 40.0               |                 |            |            |            |           |            |            |            | 38.6m/12.1 |                 | 40.0               |
| <b>Reeves</b>      | 10              | 9          | 8          | 7          | 7         | 6          | 5          | 5          | 5          |                 | <b>Reeves</b>      |

| Working radius (m) | Boom length (m) |            |            |            |      | Boom length (m) | Working radius (m) |
|--------------------|-----------------|------------|------------|------------|------|-----------------|--------------------|
|                    |                 | 45.7       | 48.8       | 51.8       | 54.9 |                 |                    |
| 12.0               | 12.1m/52.0      | 12.8m/48.0 | 13.5m/43.8 |            |      | 12.0            |                    |
| 14.0               | 48.5            | 46.2       | 43.2       | 14.2m/40.5 |      | 14.0            |                    |
| 16.0               | 41.4            | 40.9       | 40.8       | 38.7       |      | 16.0            |                    |
| 18.0               | 35.9            | 35.4       | 35.2       | 35.0       |      | 18.0            |                    |
| 20.0               | 31.2            | 31.0       | 30.8       | 30.5       |      | 20.0            |                    |
| 22.0               | 27.2            | 27.0       | 26.8       | 26.6       |      | 22.0            |                    |
| 24.0               | 24.0            | 23.8       | 23.6       | 23.4       |      | 24.0            |                    |
| 26.0               | 21.4            | 21.2       | 21.0       | 20.7       |      | 26.0            |                    |
| 28.0               | 19.2            | 19.0       | 18.7       | 18.5       |      | 28.0            |                    |
| 30.0               | 17.3            | 17.1       | 16.9       | 16.6       |      | 30.0            |                    |
| 32.0               | 15.8            | 15.5       | 15.3       | 15.0       |      | 32.0            |                    |
| 34.0               | 14.3            | 14.1       | 13.9       | 13.7       |      | 34.0            |                    |
| 36.0               | 13.2            | 12.9       | 12.6       | 12.4       |      | 36.0            |                    |
| 38.0               | 12.2            | 11.9       | 11.6       | 11.3       |      | 38.0            |                    |
| 40.0               | 11.2            | 10.9       | 10.6       | 10.4       |      | 40.0            |                    |
| 42.0               | 41.2m/10.7      | 10.1       | 9.8        | 9.6        |      | 42.0            |                    |
| 44.0               |                 | 43.9m/9.3  | 9.0        | 8.8        |      | 44.0            |                    |
| 46.0               |                 |            | 8.4        | 8.1        |      | 46.0            |                    |
| 48.0               |                 |            | 46.5m/8.3  | 7.5        |      | 48.0            |                    |
| 50.0               |                 |            |            | 49.1m/7.2  |      | 50.0            |                    |
| <b>Reeves</b>      | 4               | 4          | 4          | 3          |      | <b>Reeves</b>   |                    |

Note:

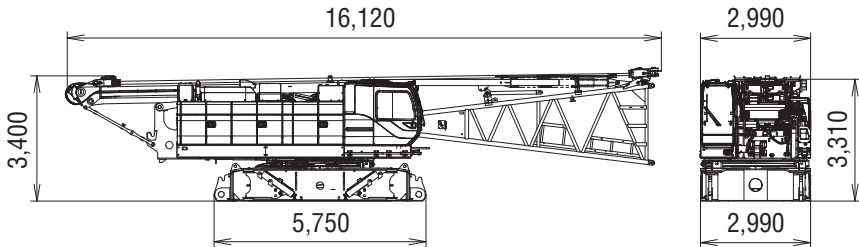
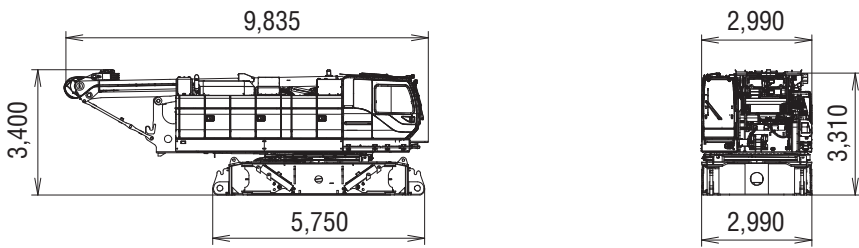
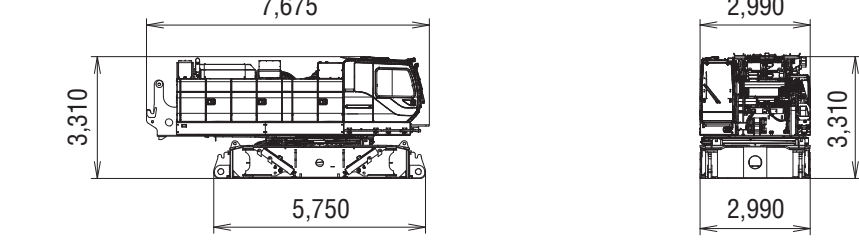
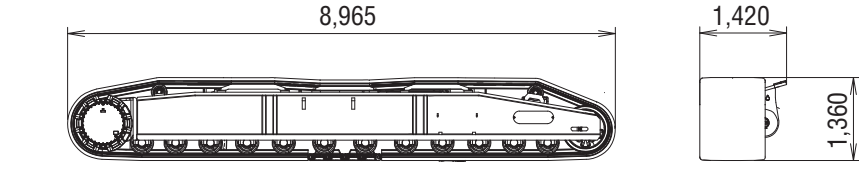
Ratings according to Japanese Construction Codes for Mobile Cranes.

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.

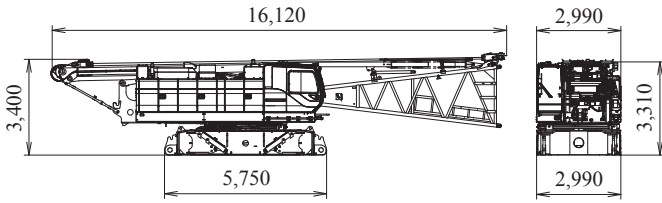
# TRANSPORTATION PLAN

| Name  | Dimension  | Weight (kg) |
|---|--|-------------|
| <b>Base machine</b> <ul style="list-style-type: none"> <li>• Boom base</li> <li>• Gantry</li> <li>• Wire rope (Front / rear / boom hoist)</li> <li>• Crane backstop</li> <li>• Without crawler</li> </ul> |    | 45,200      |
| <b>Base machine</b> <ul style="list-style-type: none"> <li>• Gantry</li> <li>• Wire rope (Front / rear / boom hoist)</li> <li>• Without crawler</li> </ul>  |   | 40,200      |
| <b>Base machine</b> <ul style="list-style-type: none"> <li>• Without crawler</li> <li>• Without gantry</li> <li>• Without wire rope (Front / rear / drum)</li> <li>• Without boom hoist winch</li> </ul>  |  | 32,000      |
| Crawler   |  | 20,300      |

# PARTS AND ATTACHMENTS

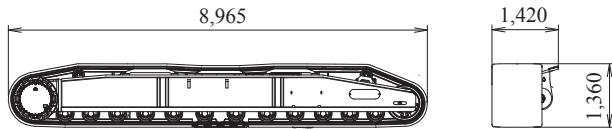
## Base Machine

Gantry, Wire rope (Front/rear/boom hoist)  
Crane backstop, Without crawler  
Weight: 45,200 kg Width: 2,990 mm



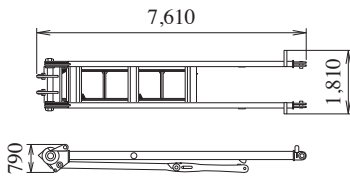
## Crawler

Weight: 20,300 kg



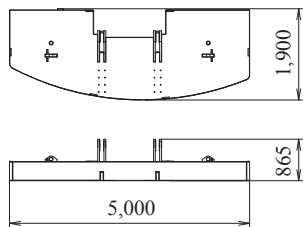
## Gantry

Weight: 2,830 kg



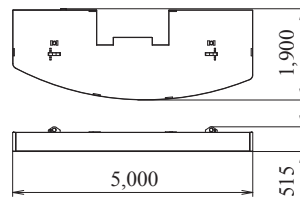
## Counterweight (1)

Weight: 13,500 kg



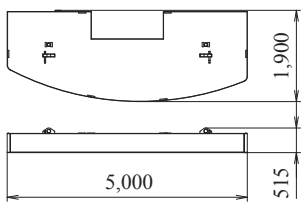
## Counterweight (2)

Weight: 13,200 kg



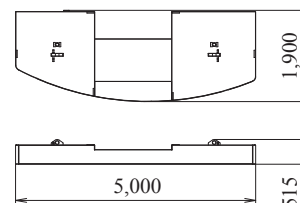
## Counterweight (3)

Weight: 13,200 kg



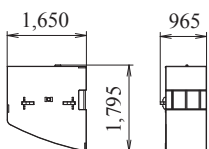
## Counterweight (4)

Weight: 13,190 kg



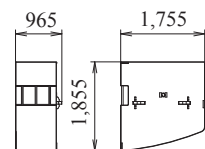
## Counterweight (L) (5) (7)

Weight: 10,080 kg



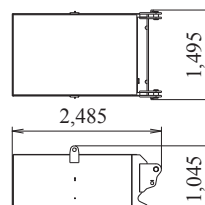
## Counterweight (R) (6) (8)

Weight: 11,925 kg



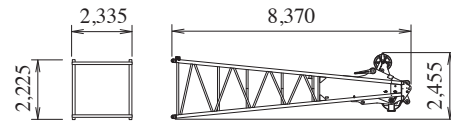
## Carbody Weight

Weight: 11,535 kg



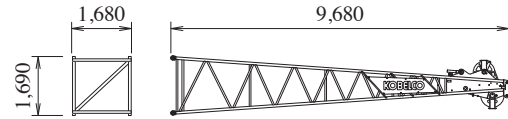
## Boom Top

Weight: 3,860 kg



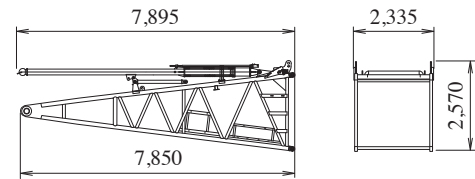
## Boom Top (for Long Boom and Tower Jib)

Weight: 1,120 kg



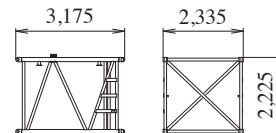
## Boom Base (with Backstop)

Weight: 4,180 kg



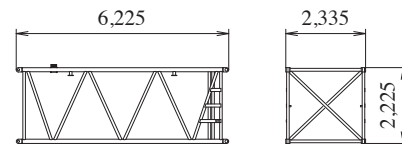
## 3.0 m Insert Boom

Weight: 740 kg



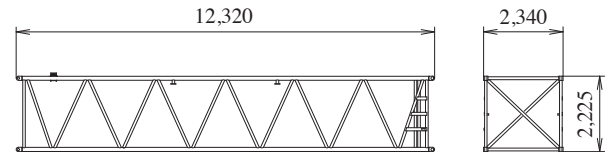
## 6.1 m Insert Boom

Weight: 1,210 kg



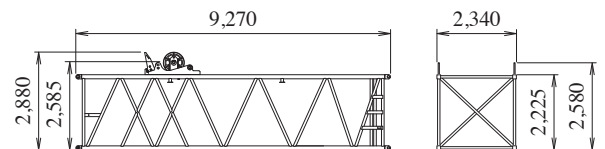
## 12.2 m Insert Boom

Weight: 2,150 kg



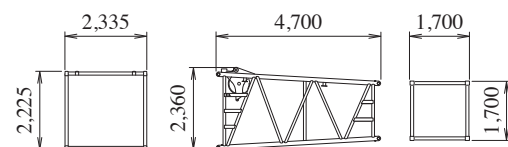
## 9.1 m Special Insert Boom for Tower

Weight: 2,200 kg



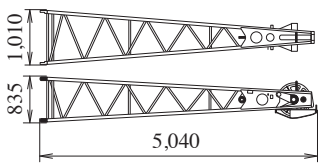
## Insert Tapered Boom

Weight: 1,160 kg



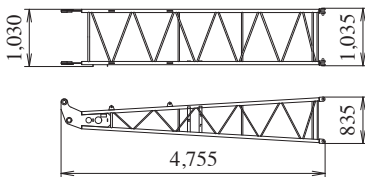
**Jib Top (for Crane)**

Weight: 315 kg



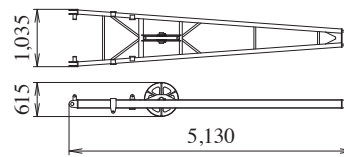
**Jib Base (for Crane)**

Weight: 210 kg



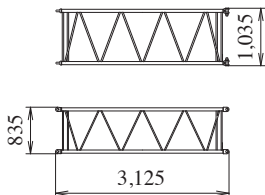
**Jib Strut**

Weight: 300 kg



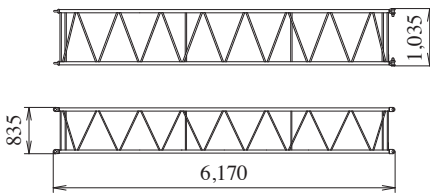
**3.0 m Insert Jib**

Weight: 110 kg



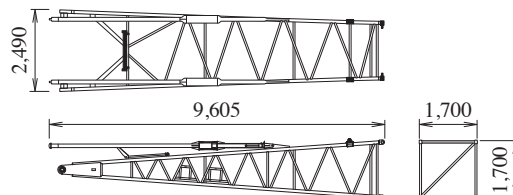
**6.1 m Insert Jib**

Weight: 190 kg



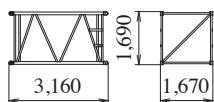
**Tower Jib Base**

Weight: 1,710 kg



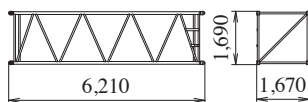
**3.0 m Insert Tower Jib**

Weight: 320 kg



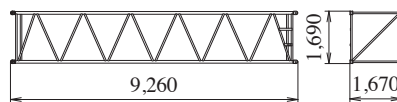
**6.1 m Insert Tower Jib**

Weight: 530 kg



**9.1 m Insert Tower Jib**

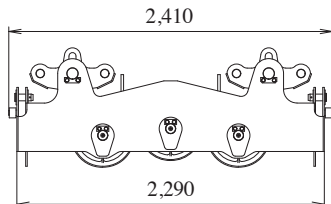
Weight: 740 kg



| Attachments  | Weight                      | Dimensions (L x W x H)         |
|--------------|-----------------------------|--------------------------------|
| Relay jib    | 400 kg<br>(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   |

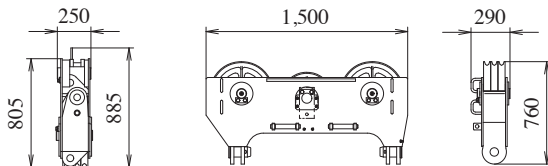
**Upper Spreader**

Weight: 670 kg



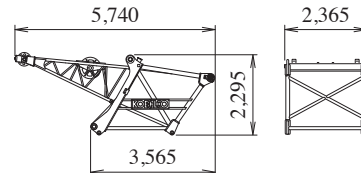
**Lower Spreader**

Weight: 400 kg



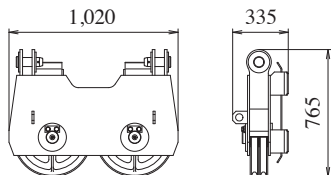
**Tower Cap**

Weight: 2,310 kg



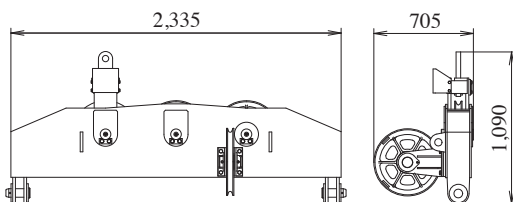
**Upper Spreader (for Tower Jib)**

Weight: 260 kg



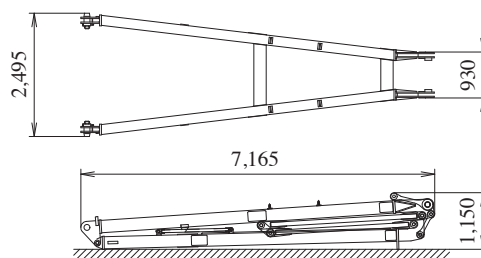
**Lower Spreader (for Tower Jib)**

Weight: 490 kg



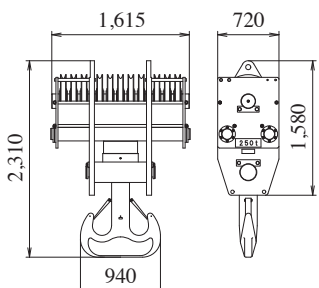
**Tower Strut**

Weight: 2,190 kg



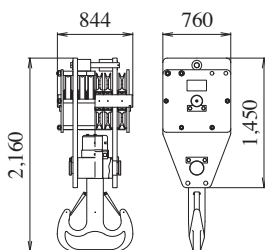
**250 t Hook**

Weight: 4,200 kg



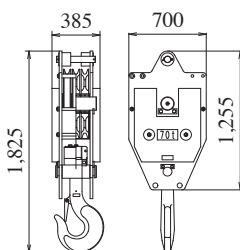
**150 t Hook**

Weight: 2,300 kg



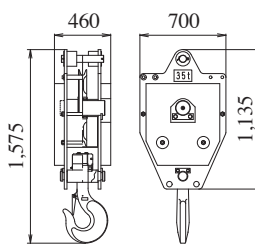
**70 t Hook**

Weight: 1,200 kg



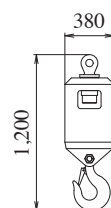
**35 t Hook**

Weight: 900 kg



**Ball Hook**

Weight: 450 kg



Note: Estimated weights may vary ± 2%.





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.

Copyright by KOBELCO CRANES CO., LTD. No part of this catalog may be reproduced in any manner without notice.

## **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

**URL: <http://www.kobelco-cranes.com/>**

Inquiries To: