



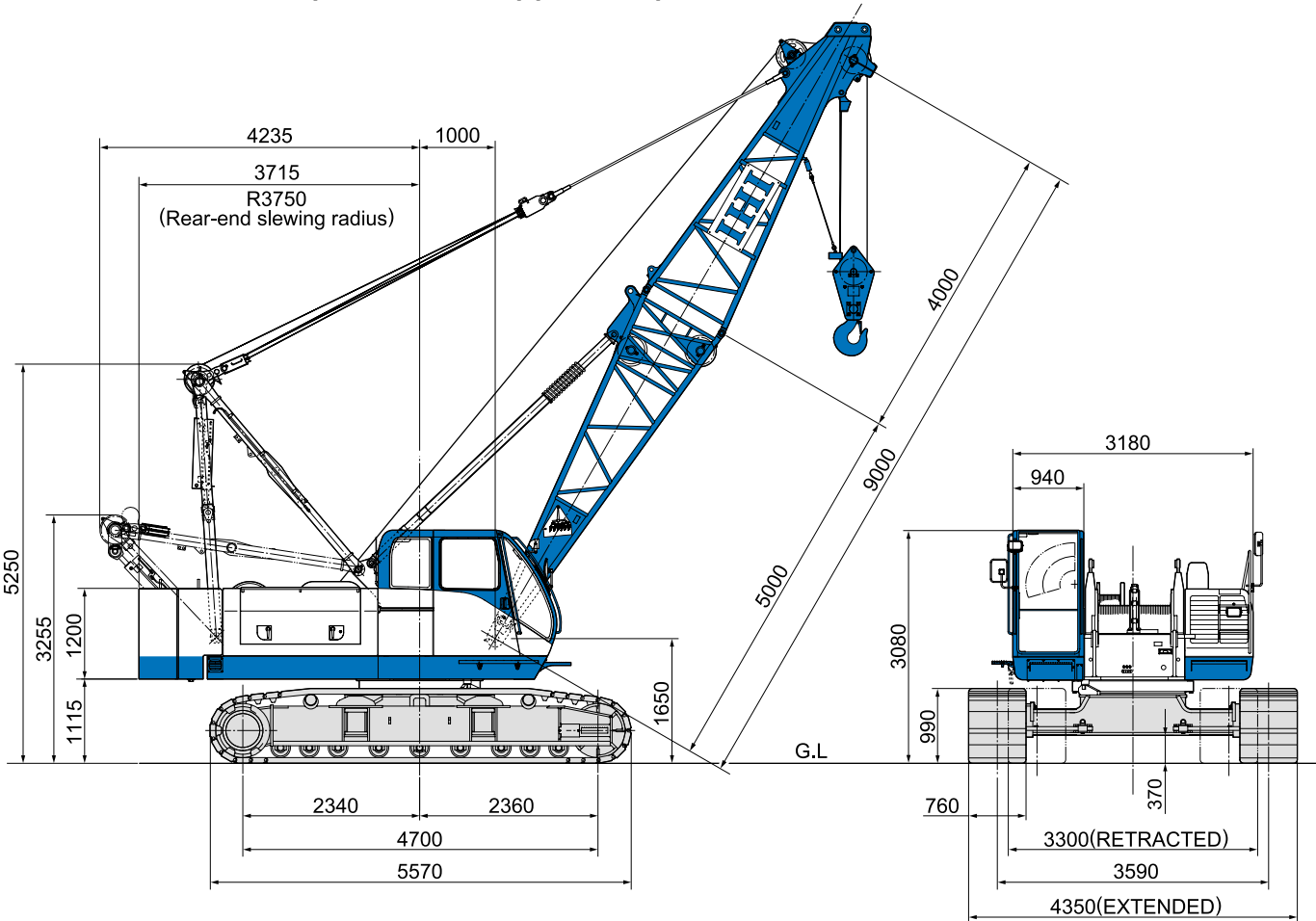
Fully Hydraulic Crawler Crane

IHI

CCH500EX

Max. Lifting Capacity : 50t  
Max. Boom Length : 51m  
Max. Jib Combination : 42m + 15m

General dimensions (with basic boom) (Unit : mm)



Main specifications

| Performance                     |                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------|
| Slewing speed                   | 3.5 rpm                                                                                |
| Travel speed                    | 1.6 km/hr                                                                              |
| Gradeability                    | 40% (21.8°)                                                                            |
| Engine                          |                                                                                        |
| Make                            | Cummins Inc.                                                                           |
| Model                           | QSB6.7                                                                                 |
| Type                            | 4-cycle, water-cooled, turbocharged and air cooled                                     |
| Total displacement              | 6.7 L                                                                                  |
| Rated output                    | 149 kW / 2,100 min <sup>-1</sup> (200 HP / 2,100 rpm)                                  |
| Fuel tank capacity              | 240 L                                                                                  |
| Battery                         | 12 V × 120 AH × 2 pcs.                                                                 |
| Load hoist system (Main & Aux.) |                                                                                        |
| Hydraulic motor                 | Axial piston type                                                                      |
| Reduction gear                  | One-stage planetary gear and single stage spur gear                                    |
| Hoist drum                      | 2-grooved cylindrical drums on individual shafts mounted inline with lebus type groove |
| Clutch                          | Internal expanding band type                                                           |
| Brake                           | External contracting band type                                                         |
| Drum lock                       | Ratchet type                                                                           |
| Boom hoist system               |                                                                                        |
| Hydraulic motor                 | Axial piston type                                                                      |
| Reduction gear                  | Two-stage planetary gear                                                               |
| Hoist drum                      | Grooved cylindrical single drum on shaft, with lebus type groove                       |
| Brake                           | Wet type multi disc                                                                    |
| Drum lock                       | Ratchet type                                                                           |

Crane specifications

|                                                              |                                     |                             |
|--------------------------------------------------------------|-------------------------------------|-----------------------------|
| Max. lifting capacity (metric ton) × working radius (m)      |                                     | 50 × 3.7                    |
| Max. main boom length (m)                                    |                                     | 51                          |
| Max. boom length with jib (main+jib) (m)                     |                                     | 57 (42 + 15)                |
| Rope speed                                                   | Main hoisting/lowering (m/min)      | *High 110 / 80 ; Lo 55 / 40 |
|                                                              | Auxiliary hoisting/lowering (m/min) | *High 110 / 80 ; Lo 55 / 40 |
|                                                              | Boom hoisting/lowering (m/min)      | *60                         |
| Part lines                                                   | 50 ton hook block                   | 8 part lines                |
|                                                              | 15 ton hook block                   | 3 part lines                |
|                                                              | Boom hoisting/lowering              | 12 part lines               |
| Standard counterweight (ton)                                 |                                     | 17.7                        |
| Total operating weight (with 9 m boom) (ton)                 |                                     | Approx. 51.4                |
| Average ground bearing pressure (kPa) [kgf/cm <sup>2</sup> ] |                                     | (66) [0.67]                 |

Note1 : The value marked with "\*" may change depending on the loads given.



# Crane

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## Standard equipment

1. Base Machine

  - Counterweight (17.7 ton)
  - Counterweight removal system
  - Engine tachometer (with hour meter)
  - Engine diagnostics (with idle speed control)
  - Hydraulic pressure gauge
  - Fuel gauge
  - Engine coolant temperature gauge
  - Front work lamp (on both sides)
  - Operator's room lamp
  - Air conditioner
  - Front windshield wiper
  - Bronze tinted glass
  - Ceiling wiper
  - Sun shade
  - Reclining operator's seat
  - Sun-visor
  - Cigarette lighter
  - Rear view mirrors (on both sides)
  - Radio
  - Ashtray
- Storage pouch
  - Electric fuel pump
  - Swing flashing light
  - Travel warning Buzzer
  - Swing warning Buzzer
  - Electrical engine throttle control grip
  - Engine throttle pedal
  - Ultra low speed control
  - Winch mode selector (main and aux.)
  - Automatic brake system
  - Hydraulic assist brake (main and aux.)
  - Rope guide roller on boom back (for outer boom)
  - Foot rest
  - Floor mat
  - Steps for operator's cab
  - Plug socket (24V)
  - Standard tools for maintenance (details are as per Parts Catalogue)

## Options

1. Base Machine

  - Tagline
  - Drum rotation indicator
  - Fire extinguisher
  - Combustion type heater
  - Electric fan
  - Spark arrestor
  - Operator gate lock lever
  - 3rd Drum (φ16mm or φ18mm wire rope , with free fall)
  - Name plate (both sides of base machine)
2. Light and Instrument

  - Yellow rotary light
  - Boom point clearance lamp
  - Over load outside alarm light (red/yellow/green)
  - Work light on boom
  - Work light for rear direction
  - Level indicator
  - Anemometer
3. Step and guard

  - Wire mesh for boom walkway
4. Attachment

  - 3 m, 6 m, 9 m insert boom (with pendant rope and rope guide roller)
  - 6 m basic jib and accessories
  - 3m, 6m insert jib (with pendant rope)
  - 1m auxiliary jib and accessories
  - 35 ton hook block (three sheaves)
  - 15 ton hook block (one sheave)
  - 5.8ton hook block
  - 10 ton hook block (for assembly and disassembly)
  - Auxiliary hoisting wire rope
  - Name plate (both sides of outer boom)
5. Others

  - Large size tool box (with caster)
  - Sling wire rope (for lifting counter weight or crawler)

## Combination of main boom and jib boom

| Boom length(m)<br>Jib length(m) | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 |
|---------------------------------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Aux.                            | ● | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |
| 6                               | ● | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |
| 9                               | ● | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |
| 12                              | ● | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |
| 15                              | ● | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |

●:Applicable combination

## Wire rope

| Purpose              | Rope dia. (mm) | Breaking Strength (kN) | Rope Type (Std.length) |
|----------------------|----------------|------------------------|------------------------|
| Main hoisting        | φ 22.4         | 440                    | P•S(19)+39×P•7(210m)   |
| Boom hoisting        | φ 16           | 214                    | IWRC 6×P•WS(31)(126m)  |
| Boom suspension      | φ 31.5         | 734                    | IWRC 6×Fi(29)          |
| Auxiliary hoisting   | φ 22.4         | 440                    | P•S(19)+39×P•7(130m)   |
| Jib suspension       | φ 26           | 489                    | IWRC 6×Fi(29)          |
| Jib strut suspension | φ 26           | 489                    | IWRC 6×Fi(29)          |

Note:Designed and rated in compliance with ANSI Code B30.5-1.7.1

## Boom composition

| Boom length (m) | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 |
|-----------------|---|----|----|----|----|----|----|----|----|
| Boom            |   |    |    |    |    |    |    |    |    |
| 5 m Inner       | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 3 m Insert      | — | 1  | 2  | 1  | 2  | 1  | 1  | 2  | 2  |
| 6 m Insert      | — | —  | —  | 1  | 1  | 2  | 1  | 1  | —  |
| 9 m Insert      | — | —  | —  | —  | —  | —  | 1  | 1  | 2  |
| 4 m Outer       | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |

| Boom length (m) | 36 | 39 | 42 | 45 | 48 | 51 |
|-----------------|----|----|----|----|----|----|
| Boom            |    |    |    |    |    |    |
| 5 m Inner       | 1  | 1  | 1  | 1  | 1  | 1  |
| 3 m Insert      | 1  | 2  | 2  | 1  | 2  | 2  |
| 6 m Insert      | 1  | 1  | —  | 1  | 1  | —  |
| 9 m Insert      | 2  | 2  | 3  | 3  | 3  | 4  |
| 4 m Outer       | 1  | 1  | 1  | 1  | 1  | 1  |

## Jib boom composition

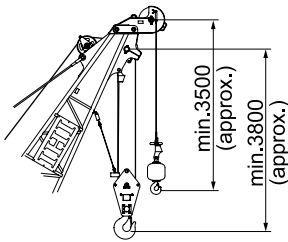
| Jib length (m) | 6 | 9 | 12 | 15 |
|----------------|---|---|----|----|
| Jib            |   |   |    |    |
| 3 m Inner      | 1 | 1 | 1  | 1  |
| 3 m Insert     | — | 1 | 2  | 1  |
| 6 m Insert     | — | — | —  | 1  |
| 3m Outer       | 1 | 1 | 1  | 1  |



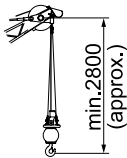
# Crane

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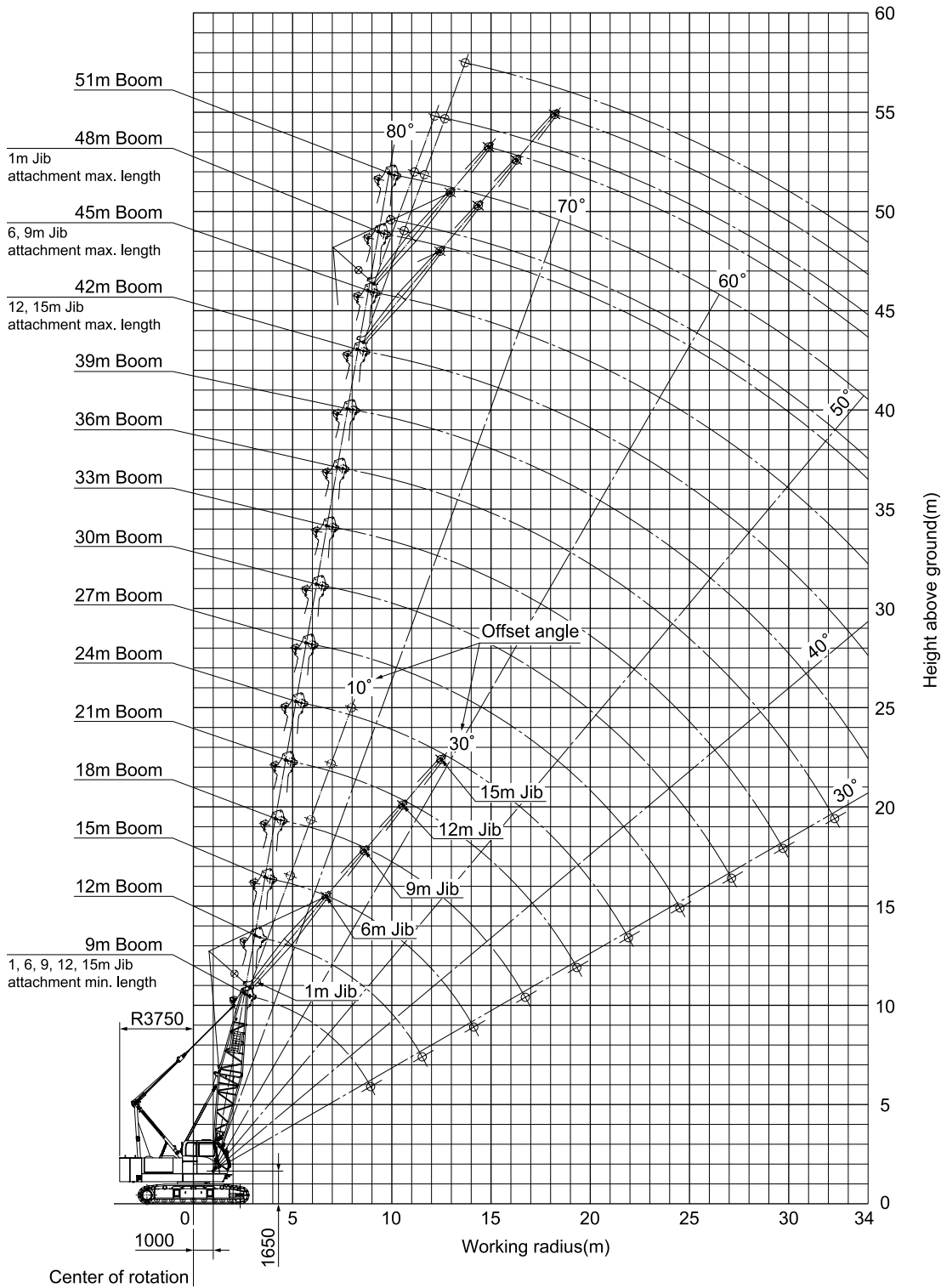
■ Working range (No loaded condition)



Main boom + Auxiliary jib



Auxiliary jib





Crane

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■ Main boom rated lifting loads (with 17.7 ton counterweight)

Unit: metric ton

| Boom length(m)<br>Working radius(m) | 9.0           | 12.0           | 15.0          | 18.0          | 21.0          | 24.0          | 27.0          | 30.0          | 33.0          | 36.0          | 39.0          | 42.0          | 45.0          | 48.0          | 51.0          |
|-------------------------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 3.7                                 | 50.0          | 50.0           | 3.9m×<br>47.9 |               |               |               |               |               |               |               |               |               |               |               |               |
| 4.0                                 | 49.0          | 48.9           | 47.0          | 4.4m×<br>41.6 |               |               |               |               |               |               |               |               |               |               |               |
| 4.5                                 | 40.4          | 40.3           | 40.2          | 40.1          |               |               |               |               |               |               |               |               |               |               |               |
| 5.0                                 | 33.9          | 33.8           | 33.7          | 33.6          | 33.5          | 5.5m×<br>28.7 | 5.9m×<br>25.6 |               |               |               |               |               |               |               |               |
| 6.0                                 | 25.6          | 25.5           | 25.4          | 25.3          | 25.2          | 25.1          | 25.0          | 6.5m×<br>22.0 |               |               |               |               |               |               |               |
| 7.0                                 | 20.5          | 20.4           | 20.3          | 20.2          | 20.1          | 20.0          | 19.9          | 19.8          | 19.7          | 7.6m×<br>17.0 |               |               |               |               |               |
| 8.0                                 | 17.1          | 17.0           | 16.9          | 16.8          | 16.7          | 16.6          | 16.5          | 16.4          | 16.3          | 16.2          | 8.1m×<br>15.8 | 8.6m×<br>14.4 |               |               |               |
| 9.0                                 | 8.9m×<br>14.8 | 14.5           | 14.4          | 14.3          | 14.2          | 14.1          | 14.0          | 13.9          | 13.8          | 13.7          | 13.6          | 13.5          | 9.1m×<br>13.1 | 9.8m×<br>11.4 |               |
| 10.0                                |               | 12.6           | 12.5          | 12.4          | 12.3          | 12.2          | 12.1          | 12.0          | 11.9          | 11.8          | 11.7          | 11.6          | 11.5          | 11.2          | 10.3m×<br>8.5 |
| 12.0                                |               | 11.5m×<br>10.5 | 9.9           | 9.8           | 9.7           | 9.6           | 9.5           | 9.4           | 9.3           | 9.2           | 9.1           | 9.0           | 8.9           | 8.8           | 8.5           |
| 14.0                                |               |                | 8.1           | 8.0           | 7.9           | 7.8           | 7.7           | 7.6           | 7.5           | 7.4           | 7.3           | 7.2           | 7.1           | 7.0           | 6.9           |
| 16.0                                |               |                | 14.1m×<br>8.0 | 6.7           | 6.6           | 6.5           | 6.4           | 6.3           | 6.2           | 6.1           | 6.0           | 5.9           | 5.8           | 5.7           | 5.6           |
| 18.0                                |               |                |               | 16.7m×<br>6.3 | 5.7           | 5.6           | 5.5           | 5.4           | 5.3           | 5.2           | 5.1           | 5.0           | 4.9           | 4.8           | 4.7           |
| 20.0                                |               |                |               |               | 19.3m×<br>5.2 | 4.9           | 4.8           | 4.7           | 4.6           | 4.5           | 4.4           | 4.3           | 4.2           | 4.1           | 4.0           |
| 22.0                                |               |                |               |               |               | 21.9m×<br>4.3 | 4.2           | 4.1           | 4.0           | 3.9           | 3.8           | 3.7           | 3.6           | 3.5           | 3.4           |
| 24.0                                |               |                |               |               |               |               | 3.7           | 3.6           | 3.5           | 3.4           | 3.3           | 3.2           | 3.1           | 3.0           | 2.9           |
| 26.0                                |               |                |               |               |               |               | 24.5m×<br>3.5 | 3.1           | 3.0           | 2.9           | 2.8           | 2.7           | 2.6           | 2.5           | 2.4           |
| 28.0                                |               |                |               |               |               |               |               | 27.0m×<br>2.9 | 2.7           | 2.6           | 2.5           | 2.4           | 2.3           | 2.2           | 2.1           |
| 30.0                                |               |                |               |               |               |               |               |               | 29.7m×<br>2.3 | 2.3           | 2.2           | 2.1           | 2.0           | 1.9           | 1.8           |
| 32.0                                |               |                |               |               |               |               |               |               |               | 2.0           | 1.9           | 1.8           | 1.7           | 1.6           | 1.5           |
| 34.0                                |               |                |               |               |               |               |               |               |               | 32.3m×<br>1.9 | 1.6           | 1.5           | 1.4           | 1.3           | 1.2           |
| No. of part line                    | 8             | 8              | 8             | 7             | 6             | 5             | 4             | 4             | 4             | 3             | 3             | 3             | 3             | 2             | 2             |

■ 1 m jib rated lifting loads (with 17.7 ton counterweight)

Unit: metric ton

| Boom length(m)<br>Working radius(m) | 9.0          | 12.0          | 15.0          | 18.0          | 21.0          | 24.0          | 27.0          | 30.0          | 33.0          | 36.0          | 39.0         | 42.0         | 45.0         | 48.0          |
|-------------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|---------------|
| 4.0                                 | 3.9m×<br>5.8 | 3.9m×<br>5.8  | 4.4m×<br>5.8  | 4.9m×<br>5.8  |               |               |               |               |               |               |              |              |              |               |
| 5.0                                 | 5.8          | 5.8           | 5.8           | 5.8           | 5.4m×<br>5.8  | 5.9m×<br>5.8  |               |               |               |               |              |              |              |               |
| 6.0                                 | 5.8          | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 6.5m×<br>5.8  |               |               |               |              |              |              |               |
| 7.0                                 | 5.8          | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 7.5m×<br>5.8  |               |              |              |              |               |
| 8.0                                 | 5.8          | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 8.0m×<br>5.8  | 8.6m×<br>5.8 |              |              |               |
| 9.0                                 | 5.8          | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8          | 9.1m×<br>5.8 | 9.6m×<br>5.8 |               |
| 10.0                                | 9.9m×<br>5.8 | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8          | 5.8          | 5.8          | 10.1m×<br>5.8 |
| 12.0                                |              | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8          | 5.8          | 5.8          | 5.8           |
| 14.0                                |              | 12.5m×<br>5.8 | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8          | 5.8          | 5.8          | 5.8           |
| 16.0                                |              |               | 15.1m×<br>5.8 | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.8           | 5.7           | 5.6          | 5.5          | 5.4          | 5.3           |
| 18.0                                |              |               |               | 17.7m×<br>5.5 | 5.3           | 5.2           | 5.1           | 5.0           | 4.9           | 4.8           | 4.7          | 4.6          | 4.5          | 4.4           |
| 20.0                                |              |               |               |               | 4.5           | 4.5           | 4.4           | 4.3           | 4.2           | 4.1           | 4.0          | 3.9          | 3.8          | 3.7           |
| 22.0                                |              |               |               |               | 20.3m×<br>4.4 | 3.8           | 3.8           | 3.7           | 3.6           | 3.5           | 3.4          | 3.3          | 3.2          | 3.1           |
| 24.0                                |              |               |               |               |               | 22.9m×<br>3.6 | 3.3           | 3.2           | 3.1           | 3.0           | 2.9          | 2.8          | 2.7          | 2.6           |
| 26.0                                |              |               |               |               |               |               | 24.5m×<br>2.9 | 2.7           | 2.6           | 2.5           | 2.4          | 2.3          | 2.2          | 2.1           |
| 28.0                                |              |               |               |               |               |               |               | 2.3           | 2.3           | 2.2           | 2.1          | 2.0          | 1.9          | 1.8           |
| 30.0                                |              |               |               |               |               |               |               | 28.1m×<br>2.3 | 1.9           | 1.9           | 1.8          | 1.7          | 1.6          | 1.5           |
| 32.0                                |              |               |               |               |               |               |               |               | 30.7m×<br>1.8 | 1.6           | 1.5          | 1.4          | 1.3          | 1.2           |
| 34.0                                |              |               |               |               |               |               |               |               |               | 33.3m×<br>1.4 | 1.2          | 1.1          | 1.0          | 0.9           |



Crane

CCH500EX

■ Jib rated lifting loads (with 17.7 ton counterweight)

Unit: metric ton

| Boom length (m)    | 9.0         |             |             |             |             |             |             |             | 12.0        |            |            |             |             |             |             |             |
|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| Jib length (m)     | 6.0         |             | 9.0         |             | 12.0        |             | 15.0        |             | 6.0         |            | 9.0        |             | 12.0        |             | 15.0        |             |
| Offset angle       | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°        | 10°        | 30°         | 10°         | 30°         | 10°         | 30°         |
| Working radius (m) | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°        | 10°        | 30°         | 10°         | 30°         | 10°         | 30°         |
| 3.0                |             |             |             |             |             |             |             |             |             |            |            |             |             |             |             |             |
| 4.0                |             |             |             |             |             |             |             |             |             |            |            |             |             |             |             |             |
| 4.5                |             |             |             |             |             |             |             |             |             |            |            |             |             |             |             |             |
| 5.0                | 5.0         |             |             |             |             |             |             |             | 5.5m × 5.0  |            |            |             |             |             |             |             |
| 6.0                | 5.0         | 6.7m × 5.0  | 6.1m × 5.0  |             |             |             |             |             | 5.0         |            | 6.6m × 5.0 |             |             |             |             |             |
| 7.0                | 5.0         | 5.0         | 5.0         |             | 4.0         |             | 7.4m × 2.6  |             | 5.0         | 7.3m × 5.0 | 5.0        |             | 7.4m × 4.0  |             |             |             |
| 8.0                | 5.0         | 5.0         | 5.0         | 8.7m × 4.1  | 4.0         |             | 2.6         |             | 5.0         | 5.0        | 5.0        |             | 4.0         |             |             |             |
| 9.0                | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         |             | 2.6         |             | 5.0         | 5.0        | 5.0        | 9.2m × 4.1  | 4.0         |             | 2.6         |             |
| 10.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 10.4m × 3.2 | 2.6         |             | 5.0         | 5.0        | 5.0        | 4.1         | 4.0         | 10.9m × 3.2 | 2.6         |             |
| 12.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 5.0         | 5.0        | 5.0        | 4.1         | 4.0         | 3.2         | 2.6         | 12.4m × 2.3 |
| 14.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 5.0         | 5.0        | 5.0        | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 16.0               | 15.0m × 5.0 | 15.4m × 5.0 | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 5.0         | 5.0        | 5.0        | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 18.0               |             |             | 17.8m × 5.0 | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 17.6m × 5.0 | 5.0        | 5.0        | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 20.0               |             |             |             | 18.4m × 4.1 | 4.0         | 3.2         | 2.6         | 2.3         |             |            | 5.0        | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 22.0               |             |             |             |             | 20.6m × 4.0 | 21.4m × 3.2 | 2.6         | 2.3         |             |            |            | 21.0m × 4.1 | 4.0         | 3.2         | 2.6         | 2.3         |
| 24.0               |             |             |             |             |             |             | 23.2m × 2.6 | 2.3         |             |            |            |             | 23.2m × 4.0 | 3.2         | 2.6         | 2.3         |
| 26.0               |             |             |             |             |             |             |             | 24.4m × 2.3 |             |            |            |             |             |             | 25.8m × 2.6 | 2.3         |
| 28.0               |             |             |             |             |             |             |             |             |             |            |            |             |             |             |             | 27.0m × 2.3 |
| 30.0               |             |             |             |             |             |             |             |             |             |            |            |             |             |             |             |             |
| 32.0               |             |             |             |             |             |             |             |             |             |            |            |             |             |             |             |             |
| 34.0               |             |             |             |             |             |             |             |             |             |            |            |             |             |             |             |             |

| Boom length (m)    | 15.0        |             |             |             |             |             |             |             | 18.0        |             |             |             |             |             |             |             |
|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Jib length (m)     | 6.0         |             | 9.0         |             | 12.0        |             | 15.0        |             | 6.0         |             | 9.0         |             | 12.0        |             | 15.0        |             |
| Offset angle       | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         |
| Working radius (m) | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         |
| 3.0                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 4.0                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 4.5                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 5.0                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 6.0                | 5.0         |             |             |             |             |             |             |             | 6.5m × 5.0  |             |             |             |             |             |             |             |
| 7.0                | 5.0         | 7.8m × 5.0  | 7.1m × 5.0  |             |             |             |             |             | 5.0         |             | 7.6m × 5.0  |             |             |             |             |             |
| 8.0                | 5.0         | 5.0         | 5.0         |             | 4.0         |             | 2.6         |             | 5.0         | 8.3m × 5.0  | 5.0         |             | 8.4m × 4.0  |             |             |             |
| 9.0                | 5.0         | 5.0         | 5.0         | 9.7m × 4.1  | 4.0         |             | 2.6         |             | 5.0         | 5.0         | 5.0         |             | 4.0         |             | 2.6         |             |
| 10.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 11.4m × 3.2 | 2.6         |             | 5.0         | 5.0         | 5.0         | 10.3m × 4.1 | 4.0         |             | 2.6         |             |
| 12.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 12.9m × 2.3 | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         |             |
| 14.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 13.4m × 2.3 |
| 16.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 18.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 20.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 22.0               | 20.2m × 5.0 | 20.6m × 4.9 | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         | 4.4         | 4.4         | 4.4         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3         |
| 24.0               |             |             | 23.0m × 4.2 | 23.6m × 4.1 | 4.0         | 3.2         | 2.6         | 2.3         | 22.8m × 4.2 | 23.2m × 4.0 | 3.9         | 3.9         | 3.9         | 3.2         | 2.6         | 2.3         |
| 26.0               |             |             |             |             | 25.8m × 3.5 | 3.2         | 2.6         | 2.3         |             |             | 25.7m × 3.4 | 3.3         | 3.3         | 3.2         | 2.6         | 2.3         |
| 28.0               |             |             |             |             |             | 26.6m × 3.2 | 2.6         | 2.3         |             |             |             | 26.2m × 3.3 | 3.0         | 3.0         | 2.6         | 2.3         |
| 30.0               |             |             |             |             |             |             | 28.4m × 2.6 | 29.6m × 2.3 |             |             |             |             | 28.4m × 2.9 | 29.2m × 2.8 | 2.6         | 2.3         |
| 32.0               |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 31.0m × 2.5 | 2.3         |
| 34.0               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |



Crane

CCH500EX

■ Jib rated lifting loads (with 17.7 ton counterweight)

Unit: metric ton

| Boom length (m)    | 21.0        |             |             |             |             |             |             |     | 24.0       |             |             |             |             |             |      |             |
|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|------------|-------------|-------------|-------------|-------------|-------------|------|-------------|
| Jib length (m)     | 6.0         |             | 9.0         |             | 12.0        |             | 15.0        |     | 6.0        |             | 9.0         |             | 12.0        |             | 15.0 |             |
| Offset angle       | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30° | 10°        | 30°         | 10°         | 30°         | 10°         | 30°         | 10°  | 30°         |
| Working radius (m) | 10°         | 30°         | 10°         | 30°         | 10°         | 30°         | 10°         | 30° | 10°        | 30°         | 10°         | 30°         | 10°         | 30°         | 10°  | 30°         |
| 3.0                |             |             |             |             |             |             |             |     |            |             |             |             |             |             |      |             |
| 4.0                |             |             |             |             |             |             |             |     |            |             |             |             |             |             |      |             |
| 4.5                |             |             |             |             |             |             |             |     |            |             |             |             |             |             |      |             |
| 5.0                |             |             |             |             |             |             |             |     |            |             |             |             |             |             |      |             |
| 6.0                |             |             |             |             |             |             |             |     |            |             |             |             |             |             |      |             |
| 7.0                | 7.1m × 5.0  |             |             |             |             |             |             |     | 7.6m × 5.0 |             |             |             |             |             |      |             |
| 8.0                | 5.0         | 8.3m × 5.0  | 8.2m × 5.0  |             |             |             |             |     | 5.0        |             | 8.7m × 5.0  |             |             |             |      |             |
| 9.0                | 5.0         | 5.0         | 5.0         |             | 4.0         |             | 9.5m × 2.6  |     | 5.0        | 9.3m × 5.0  | 5.0         |             | 9.5m × 4.0  |             |      |             |
| 10.0               | 5.0         | 5.0         | 5.0         | 10.8m × 4.1 | 4.0         |             | 2.6         |     | 5.0        | 5.0         | 5.0         | 11.3m × 4.1 | 4.0         |             | 2.6  |             |
| 12.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 12.5m × 3.2 | 2.6         |     | 5.0        | 5.0         | 5.0         | 4.1         | 4.0         | 13.0m × 3.2 | 2.6  |             |
| 14.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3 | 5.0        | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6  | 14.5m × 2.3 |
| 16.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3 | 5.0        | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6  | 2.3         |
| 18.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3 | 5.0        | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6  | 2.3         |
| 20.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3 | 4.9        | 4.9         | 4.9         | 4.1         | 4.0         | 3.2         | 2.6  | 2.3         |
| 22.0               | 4.3         | 4.3         | 4.3         | 4.1         | 4.0         | 3.2         | 2.6         | 2.3 | 4.3        | 4.3         | 4.3         | 4.1         | 4.0         | 3.2         | 2.6  | 2.3         |
| 24.0               | 3.8         | 3.8         | 3.8         | 3.8         | 3.8         | 3.2         | 2.6         | 2.3 | 3.7        | 3.7         | 3.7         | 3.7         | 3.7         | 3.7         | 3.2  | 2.6         |
| 26.0               | 25.4m × 3.4 | 25.8m × 3.3 | 3.3         | 3.3         | 3.3         | 3.2         | 2.6         | 2.3 | 3.2        | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         | 3.2  | 2.6         |
| 28.0               |             |             | 2.9         | 2.9         | 2.9         | 2.9         | 2.6         | 2.3 | 2.9        | 2.9         | 2.9         | 2.9         | 2.9         | 2.9         | 2.9  | 2.6         |
| 30.0               |             |             | 28.2m × 2.9 | 28.8m × 2.8 | 2.6         | 2.6         | 2.6         | 2.3 |            | 28.4m × 2.8 | 2.6         | 2.6         | 2.6         | 2.6         | 2.6  | 2.6         |
| 32.0               |             |             |             |             | 31.0m × 2.5 | 31.8m × 2.3 | 2.3         | 2.3 |            |             | 30.8m × 2.4 | 31.4m × 2.3 | 2.2         | 2.2         | 2.2  | 2.2         |
| 34.0               |             |             |             |             |             |             | 33.6m × 2.2 | 2.0 |            |             |             |             | 33.6m × 2.0 | 1.9         | 1.9  | 1.9         |

| Boom length (m)    | 27.0        |             |             |             |      |             |             |             | 30.0        |             |            |             |             |     |             |             |
|--------------------|-------------|-------------|-------------|-------------|------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-----|-------------|-------------|
| Jib length (m)     | 6.0         |             | 9.0         |             | 12.0 |             | 15.0        |             | 6.0         |             | 9.0        |             | 12.0        |     | 15.0        |             |
| Offset angle       | 10°         | 30°         | 10°         | 30°         | 10°  | 30°         | 10°         | 30°         | 10°         | 30°         | 10°        | 30°         | 10°         | 30° | 10°         | 30°         |
| Working radius (m) | 10°         | 30°         | 10°         | 30°         | 10°  | 30°         | 10°         | 30°         | 10°         | 30°         | 10°        | 30°         | 10°         | 30° | 10°         | 30°         |
| 3.0                |             |             |             |             |      |             |             |             |             |             |            |             |             |     |             |             |
| 4.0                |             |             |             |             |      |             |             |             |             |             |            |             |             |     |             |             |
| 4.5                |             |             |             |             |      |             |             |             |             |             |            |             |             |     |             |             |
| 5.0                |             |             |             |             |      |             |             |             |             |             |            |             |             |     |             |             |
| 6.0                |             |             |             |             |      |             |             |             |             |             |            |             |             |     |             |             |
| 7.0                |             |             |             |             |      |             |             |             |             |             |            |             |             |     |             |             |
| 8.0                | 8.1m × 5.0  |             |             |             |      |             |             |             | 8.6m × 5.0  |             |            |             |             |     |             |             |
| 9.0                | 5.0         |             | 9.2m × 5.0  |             |      |             |             |             | 5.0         |             | 9.7m × 5.0 |             |             |     |             |             |
| 10.0               | 5.0         | 5.0         | 5.0         | 11.8m × 4.1 | 4.0  |             | 10.5m × 2.6 |             | 5.0         | 10.4m × 5.0 | 5.0        |             | 10.5m × 4.0 |     | 11.0m × 2.6 |             |
| 12.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0  |             | 2.6         |             | 5.0         | 5.0         | 5.0        | 12.3m × 4.1 | 4.0         |     | 2.6         |             |
| 14.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0  | 13.5m × 3.2 | 2.6         | 15.0m × 2.3 | 5.0         | 5.0         | 5.0        | 4.1         | 4.0         | 3.2 | 2.6         | 15.5m × 2.3 |
| 16.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0  | 3.2         | 2.6         | 2.3         | 5.0         | 5.0         | 5.0        | 4.1         | 4.0         | 3.2 | 2.6         | 2.3         |
| 18.0               | 5.0         | 5.0         | 5.0         | 4.1         | 4.0  | 3.2         | 2.6         | 2.3         | 5.0         | 5.0         | 5.0        | 4.1         | 4.0         | 3.2 | 2.6         | 2.3         |
| 20.0               | 4.8         | 4.8         | 4.8         | 4.1         | 4.0  | 3.2         | 2.6         | 2.3         | 4.7         | 4.7         | 4.7        | 4.1         | 4.0         | 3.2 | 2.6         | 2.3         |
| 22.0               | 4.2         | 4.2         | 4.2         | 4.1         | 4.0  | 3.2         | 2.6         | 2.3         | 4.1         | 4.1         | 4.1        | 4.1         | 4.0         | 3.2 | 2.6         | 2.3         |
| 24.0               | 3.7         | 3.7         | 3.7         | 3.7         | 3.7  | 3.2         | 2.6         | 2.3         | 3.6         | 3.6         | 3.6        | 3.6         | 3.6         | 3.2 | 2.6         | 2.3         |
| 26.0               | 3.1         | 3.1         | 3.1         | 3.1         | 3.1  | 3.1         | 2.6         | 2.3         | 3.1         | 3.1         | 3.1        | 3.1         | 3.1         | 3.1 | 2.6         | 2.3         |
| 28.0               | 2.8         | 2.8         | 2.8         | 2.8         | 2.8  | 2.8         | 2.6         | 2.3         | 2.8         | 2.8         | 2.8        | 2.8         | 2.8         | 2.8 | 2.6         | 2.3         |
| 30.0               | 2.5         | 2.5         | 2.5         | 2.5         | 2.5  | 2.5         | 2.5         | 2.3         | 2.4         | 2.4         | 2.4        | 2.4         | 2.4         | 2.4 | 2.4         | 2.3         |
| 32.0               | 30.6m × 2.4 | 31.0m × 2.3 | 2.2         | 2.2         | 2.2  | 2.2         | 2.2         | 2.2         | 2.1         | 2.1         | 2.1        | 2.1         | 2.1         | 2.1 | 2.1         | 2.1         |
| 34.0               |             |             | 33.4m × 1.9 | 1.8         | 1.8  | 1.8         | 1.8         | 1.8         | 33.2m × 1.9 | 33.6m × 1.8 | 1.8        | 1.8         | 1.8         | 1.8 | 1.8         | 1.8         |



Crane

CCH500EX

■ Jib rated lifting loads (with 17.7 ton counterweight)

Unit: metric ton

| Boom length (m)    | 33.0     |           |           |           |           |           |           |     | 36.0     |           |           |           |           |           |           |           |
|--------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Jib length (m)     | 6.0      |           | 9.0       |           | 12.0      |           | 15.0      |     | 6.0      |           | 9.0       |           | 12.0      |           | 15.0      |           |
| Offset angle       | 10°      | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30° | 10°      | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       |
| Working radius (m) | 10°      | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30° | 10°      | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       |
| 3.0                |          |           |           |           |           |           |           |     |          |           |           |           |           |           |           |           |
| 4.0                |          |           |           |           |           |           |           |     |          |           |           |           |           |           |           |           |
| 4.5                |          |           |           |           |           |           |           |     |          |           |           |           |           |           |           |           |
| 5.0                |          |           |           |           |           |           |           |     |          |           |           |           |           |           |           |           |
| 6.0                |          |           |           |           |           |           |           |     |          |           |           |           |           |           |           |           |
| 7.0                |          |           |           |           |           |           |           |     |          |           |           |           |           |           |           |           |
| 8.0                |          |           |           |           |           |           |           |     |          |           |           |           |           |           |           |           |
| 9.0                | 9.1m×5.0 |           |           |           |           |           |           |     | 9.7m×5.0 |           |           |           |           |           |           |           |
| 10.0               | 5.0      | 10.9m×5.0 | 10.2m×5.0 |           | 11.0m×4.0 |           | 11.5m×2.6 |     | 5.0      | 11.4m×5.0 | 10.8m×5.0 |           | 11.6m×4.0 |           |           |           |
| 12.0               | 5.0      | 5.0       | 5.0       | 12.9m×4.1 | 4.0       |           | 2.6       |     | 5.0      | 5.0       | 5.0       | 13.4m×4.1 | 4.0       |           | 12.1m×2.6 |           |
| 14.0               | 5.0      | 5.0       | 5.0       | 4.1       | 4.0       | 14.6m×3.2 | 2.6       |     | 5.0      | 5.0       | 5.0       | 4.1       | 4.0       | 15.1m×3.2 | 2.6       |           |
| 16.0               | 5.0      | 5.0       | 5.0       | 4.1       | 4.0       | 3.2       | 2.6       | 2.3 | 5.0      | 5.0       | 5.0       | 4.1       | 4.0       | 3.2       | 2.6       | 16.5m×2.3 |
| 18.0               | 5.0      | 5.0       | 5.0       | 4.1       | 4.0       | 3.2       | 2.6       | 2.3 | 5.0      | 5.0       | 5.0       | 4.1       | 4.0       | 3.2       | 2.6       | 2.3       |
| 20.0               | 4.6      | 4.6       | 4.6       | 4.1       | 4.0       | 3.2       | 2.6       | 2.3 | 4.5      | 4.5       | 4.5       | 4.1       | 4.0       | 3.2       | 2.6       | 2.3       |
| 22.0               | 4.0      | 4.0       | 4.0       | 4.0       | 4.0       | 3.2       | 2.6       | 2.3 | 3.9      | 3.9       | 3.9       | 3.9       | 3.9       | 3.2       | 2.6       | 2.3       |
| 24.0               | 3.5      | 3.5       | 3.5       | 3.5       | 3.5       | 3.2       | 2.6       | 2.3 | 3.4      | 3.4       | 3.4       | 3.4       | 3.4       | 3.2       | 2.6       | 2.3       |
| 26.0               | 3.0      | 3.0       | 3.0       | 3.0       | 3.0       | 3.0       | 2.6       | 2.3 | 2.9      | 2.9       | 2.9       | 2.9       | 2.9       | 2.9       | 2.6       | 2.3       |
| 28.0               | 2.7      | 2.7       | 2.7       | 2.7       | 2.7       | 2.7       | 2.6       | 2.3 | 2.5      | 2.5       | 2.6       | 2.6       | 2.6       | 2.6       | 2.6       | 2.3       |
| 30.0               | 2.3      | 2.3       | 2.3       | 2.3       | 2.3       | 2.3       | 2.3       | 2.3 | 2.2      | 2.2       | 2.3       | 2.3       | 2.3       | 2.3       | 2.3       | 2.3       |
| 32.0               | 2.0      | 2.0       | 2.0       | 2.0       | 2.0       | 2.0       | 2.0       | 2.0 | 1.9      | 1.9       | 2.0       | 2.0       | 2.0       | 2.0       | 2.0       | 2.0       |
| 34.0               | 1.7      | 1.7       | 1.7       | 1.7       | 1.7       | 1.7       | 1.7       | 1.7 | 1.6      | 1.6       | 1.7       | 1.7       | 1.7       | 1.7       | 1.7       | 1.7       |

| Boom length (m)    | 39.0      |     |           |     |           |           |           |           | 42.0      |           |           |           |           |           |           |           |
|--------------------|-----------|-----|-----------|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Jib length (m)     | 6.0       |     | 9.0       |     | 12.0      |           | 15.0      |           | 6.0       |           | 9.0       |           | 12.0      |           | 15.0      |           |
| Offset angle       | 10°       | 30° | 10°       | 30° | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       |
| Working radius (m) | 10°       | 30° | 10°       | 30° | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       | 10°       | 30°       |
| 3.0                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 4.0                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 4.5                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 5.0                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 6.0                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 7.0                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 8.0                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 9.0                |           |     |           |     |           |           |           |           |           |           |           |           |           |           |           |           |
| 10.0               | 10.2m×5.0 |     | 11.3m×5.0 |     |           |           |           |           | 10.7m×5.0 |           | 11.8m×5.0 |           |           |           |           |           |
| 12.0               | 5.0       | 5.0 | 5.0       |     | 12.1m×4.0 |           | 12.6m×2.6 |           | 5.0       | 12.5m×5.0 | 5.0       |           | 12.6m×4.0 |           | 13.1m×2.6 |           |
| 14.0               | 5.0       | 5.0 | 5.0       | 4.1 | 4.0       | 15.6m×3.2 | 2.6       |           | 5.0       | 5.0       | 5.0       | 14.4m×4.1 | 4.0       |           | 2.6       |           |
| 16.0               | 5.0       | 5.0 | 5.0       | 4.1 | 4.0       | 3.2       | 2.6       | 17.1m×2.3 | 5.0       | 5.0       | 5.0       | 4.1       | 4.0       | 16.1m×3.2 | 2.6       | 17.6m×2.3 |
| 18.0               | 5.0       | 5.0 | 5.0       | 4.1 | 4.0       | 3.2       | 2.6       | 2.3       | 5.0       | 5.0       | 5.0       | 4.1       | 4.0       | 3.2       | 2.6       | 2.3       |
| 20.0               | 4.4       | 4.4 | 4.4       | 4.1 | 4.0       | 3.2       | 2.6       | 2.3       | 4.3       | 4.3       | 4.3       | 4.1       | 4.0       | 3.2       | 2.6       | 2.3       |
| 22.0               | 3.8       | 3.8 | 3.8       | 3.8 | 3.8       | 3.2       | 2.6       | 2.3       | 3.7       | 3.7       | 3.7       | 3.7       | 3.7       | 3.2       | 2.6       | 2.3       |
| 24.0               | 3.3       | 3.3 | 3.3       | 3.3 | 3.3       | 3.2       | 2.6       | 2.3       | 3.1       | 3.1       | 3.1       | 3.1       | 3.1       | 3.1       | 2.6       | 2.3       |
| 26.0               | 2.8       | 2.8 | 2.8       | 2.8 | 2.8       | 2.8       | 2.6       | 2.3       | 2.7       | 2.7       | 2.7       | 2.7       | 2.7       | 2.7       | 2.6       | 2.3       |
| 28.0               | 2.4       | 2.4 | 2.4       | 2.5 | 2.5       | 2.5       | 2.5       | 2.3       | 2.3       | 2.3       | 2.3       | 2.4       | 2.4       | 2.4       | 2.4       | 2.3       |
| 30.0               | 2.0       | 2.0 | 2.0       | 2.2 | 2.2       | 2.2       | 2.2       | 2.2       | 1.9       | 1.9       | 1.9       | 2.1       | 2.1       | 2.1       | 2.1       | 2.1       |
| 32.0               | 1.7       | 1.7 | 1.7       | 1.9 | 1.9       | 1.9       | 1.9       | 1.9       | 1.6       | 1.6       | 1.6       | 1.8       | 1.8       | 1.8       | 1.8       | 1.8       |
| 34.0               | 1.4       | 1.4 | 1.4       | 1.6 | 1.6       | 1.6       | 1.6       | 1.6       | 1.3       | 1.3       | 1.3       | 1.5       | 1.5       | 1.5       | 1.5       | 1.5       |



Jib rated lifting loads (with 17.7 ton counterweight)

Unit: metric ton

| Boom length (m)    | 45.0        |             |             |             |
|--------------------|-------------|-------------|-------------|-------------|
| Jib length (m)     | 6.0         |             | 9.0         |             |
| Offset angle       | 10°         | 30°         | 10°         | 30°         |
| Working radius (m) |             |             |             |             |
| 3.0                |             |             |             |             |
| 4.0                |             |             |             |             |
| 4.5                |             |             |             |             |
| 5.0                |             |             |             |             |
| 6.0                |             |             |             |             |
| 7.0                |             |             |             |             |
| 8.0                |             |             |             |             |
| 9.0                |             |             |             |             |
| 10.0               | 11.2m × 5.0 |             |             |             |
| 12.0               | 5.0         | 13.0m × 5.0 | 12.4m × 5.0 |             |
| 14.0               | 5.0         | 5.0         | 5.0         | 15.0m × 4.1 |
| 16.0               | 5.0         | 5.0         | 5.0         | 4.1         |
| 18.0               | 4.9         | 4.9         | 4.9         | 4.1         |
| 20.0               | 4.2         | 4.2         | 4.2         | 4.1         |
| 22.0               | 3.6         | 3.6         | 3.6         | 3.6         |
| 24.0               | 3.1         | 3.1         | 3.1         | 3.1         |
| 26.0               | 2.6         | 2.6         | 2.6         | 2.6         |
| 28.0               | 2.2         | 2.2         | 2.2         | 2.3         |
| 30.0               | 1.8         | 1.8         | 1.8         | 2.0         |
| 32.0               | 1.5         | 1.5         | 1.5         | 1.7         |
| 34.0               | 1.2         | 1.2         | 1.2         | 1.4         |

Notes

1. All rated loads are based on the machine being operated on the firm, level, uniformly supporting surface ground, at any point of 360-around the machine within 78% of tipping load and forward stability factor over 1.15.

Working radius is horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
2. To determine actual lifting loads, the weight of all lifting devices such as hook must be reduced from the lifting loads.

50 ton hook .....650 kg

35 ton hook .....500 kg

15 ton hook .....450 kg

5.8 ton hook .....120 kg
3. The following weight must be reduced from the lifting loads to determine rated lifting loads for main boom when the jib is equipped.

Aux. jib .....400 kg

6.0 m jib .....750 kg

9.0 m jib .....950 kg

12.0 m jib .....1,200 kg

15.0 m jib .....1,450 kg
4. Depending on the number of part lines, rated lifting loads are limited as follows.

1 part line .....up to 6.5 ton

2 part lines .....up to 13.0 ton

3 part lines .....up to 19.5 ton

4 part lines .....up to 26.0 ton

5 part lines .....up to 32.5 ton

6 part lines .....up to 39.0 ton

7 part lines .....up to 45.5 ton

8 part lines .....up to 50.0 ton
5. The aux. jib can be equipped in the range of boom length from 9 m to 48 m boom. To determine the rated lifting loads, 0.4 ton must be reduced from the lifting loads for each boom length in the lifting load chart. However the max. lifting load should not exceed aux. jib capacity of the load.
6. When the 6 m-15 m jib mounted, the lifting loads to be determined by "Jib Rated Lifting Loads".
7. The total weight of the main hook and the jib hook must be reduced from the rated load when lifting on the jib hook with the main hook being attached.
8. The angle formed by the extension line of main boom and the centerline of jib (offset angle) should not exceed 30 degree while the loads being lifted.

