



# Telescoping crawler crane

MAEDA

CE

## LC785

*Meet today's needs with our new model, the LC785. Welcome aboard, LC785!*



|                         |               |               |               |
|-------------------------|---------------|---------------|---------------|
| <b>Working radius</b>   | <b>2.1m</b>   | <b>3m</b>     | <b>5m</b>     |
| <b>Total rated load</b> | <b>4900kg</b> | <b>2980kg</b> | <b>1400kg</b> |

The tail's short swing makes it possible to operate safely even in narrow spaces.

The large, round cab is designed to meet the relevant noise requirements of all the world's major markets.

- Noise level in operator proximity : 74 dB(A)
- Cab capacity : up 37% over older models.

**Our dream of easy maintenance has come true.**

The LC785's component placement makes maintenance simple. What's more, we've designed all of the LC785's components ourselves to ensure compatibility and easy maintenance.





# Telescoping crawler crane LC785



■ External flow, large-capacity air conditioner

■ Three-colored rotary lamp

■ Full open bonnet

## Options

■ Rubber shoes

■ Strengthened load liner

■ Side mirrors

## ■ Total rated load

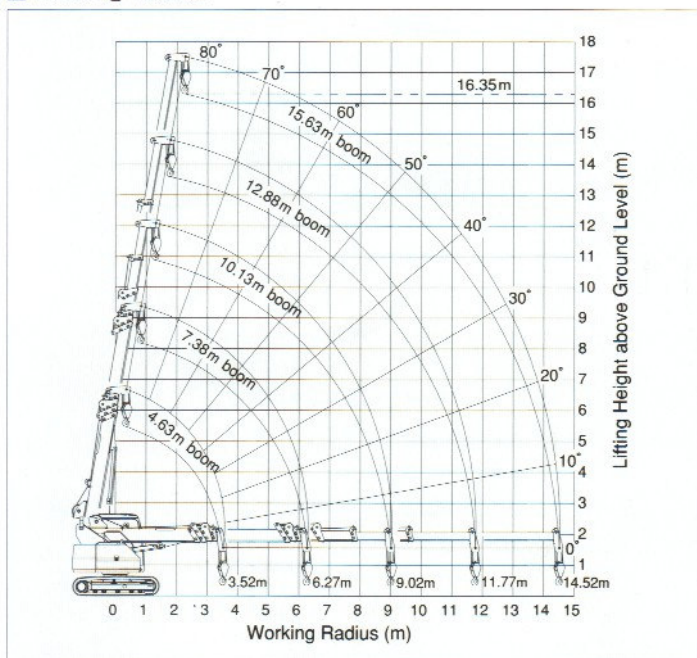
Rated Load (kg) (4falls)

| Working Radius | 4.63m | 7.38m | 10.13m | 12.88m | 15.63m |
|----------------|-------|-------|--------|--------|--------|
| 2.00           | 4900  | 4900  | 2600   | 2000   |        |
| 2.50           | 3800  | 3760  | 2600   | 2000   | 1400   |
| 3.00           | 2900  | 2980  | 2310   | 2000   | 1400   |
| 3.50           |       | 2420  | 2010   | 1890   | 1400   |
| 4.00           |       | 2000  | 1750   | 1650   | 1400   |
| 4.50           |       | 1670  | 1530   | 1450   | 1320   |
| 5.00           |       | 1400  | 1340   | 1280   | 1200   |
| 6.00           |       | 1000  | 1030   | 1010   | 990    |
| 7.00           |       |       | 780    | 800    | 820    |
| 8.00           |       |       | 580    | 530    | 680    |
| 9.00           |       |       | 410    | 500    | 560    |
| 10.00          |       |       |        | 390    | 450    |
| 11.00          |       |       |        | 300    | 360    |
| 12.00          |       |       |        |        | 280    |
| 13.00          |       |       |        |        | 210    |
| 14.00          |       |       |        |        | 200    |
| 14.52          |       |       |        |        | 200    |

\* The rated load is the value not greater than 78% of the tipping load when the machine is placed on firm, level ground and forward stability is 1.15 or above.

\* By subtracting the weight of the slinging equipment, such as the hook [90kg for a 4.9 ton capacity hook], from the values shown in the table, the actual maximum load can be determined.

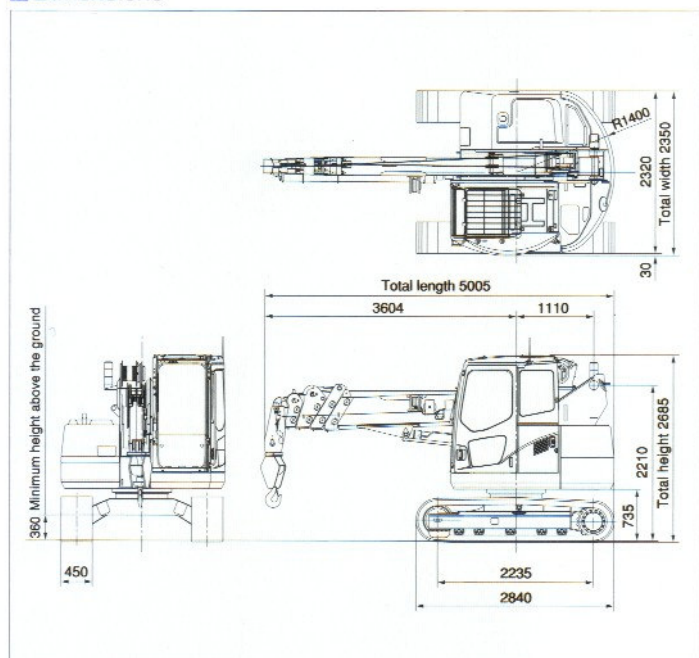
## ■ Working radius



## ■ Specification

|                                       |                                                                                                                                                                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating weight                      | 9700kg                                                                                                                                                                                                                                            |
| Maximum Lifting Load X Working Radius | 4.9t X 2.1m                                                                                                                                                                                                                                       |
| Maximum Working Radius                | 14.52m                                                                                                                                                                                                                                            |
| Maximum Lifting Height                | 16.35m                                                                                                                                                                                                                                            |
| Wire Rope                             | 6 X Fi (29) IWRC, Type B $\phi$ 10mm X 115m                                                                                                                                                                                                       |
| Number of Line                        | 4                                                                                                                                                                                                                                                 |
| Hook Hoisting Speed                   | 27.0 / 39.0m/min (4falls)                                                                                                                                                                                                                         |
| Boom Length                           | 4.63m ~ 15.63m                                                                                                                                                                                                                                    |
| Number of Boom Stage                  | 5                                                                                                                                                                                                                                                 |
| Boom Telescope                        | Hydraulic + Mechanical (Wire Rope)                                                                                                                                                                                                                |
| Boom Telescoping Stroke / Speed       | 11.0m / 24.5sec                                                                                                                                                                                                                                   |
| Boom Derricking Angle / Speed         | -2° ~ 80° / 12.5sec                                                                                                                                                                                                                               |
| Swing Angle/Speed                     | 360° / 2.4rpm                                                                                                                                                                                                                                     |
| Safety Device                         | <ul style="list-style-type: none"> <li>● Moment Limiter ● Overwind Prevention Device</li> <li>● Hydraulic Pressure Safety Valves ● Automatic Winching Brake</li> <li>● Level Gauge ● Back Mirror ● Inclination Alarm ● Wire Rope Latch</li> </ul> |
| Engine                                | Komatsu S4D95LE-3-A                                                                                                                                                                                                                               |
| Flywheel Horsepower                   | 40.5kW (55PS) / 1850rpm                                                                                                                                                                                                                           |
| Traveling speed                       | 2.5km/h (Lo), 3.8Km/h (Hi)                                                                                                                                                                                                                        |

## ■ Dimensions



**Before use, please read the Operation Manual**