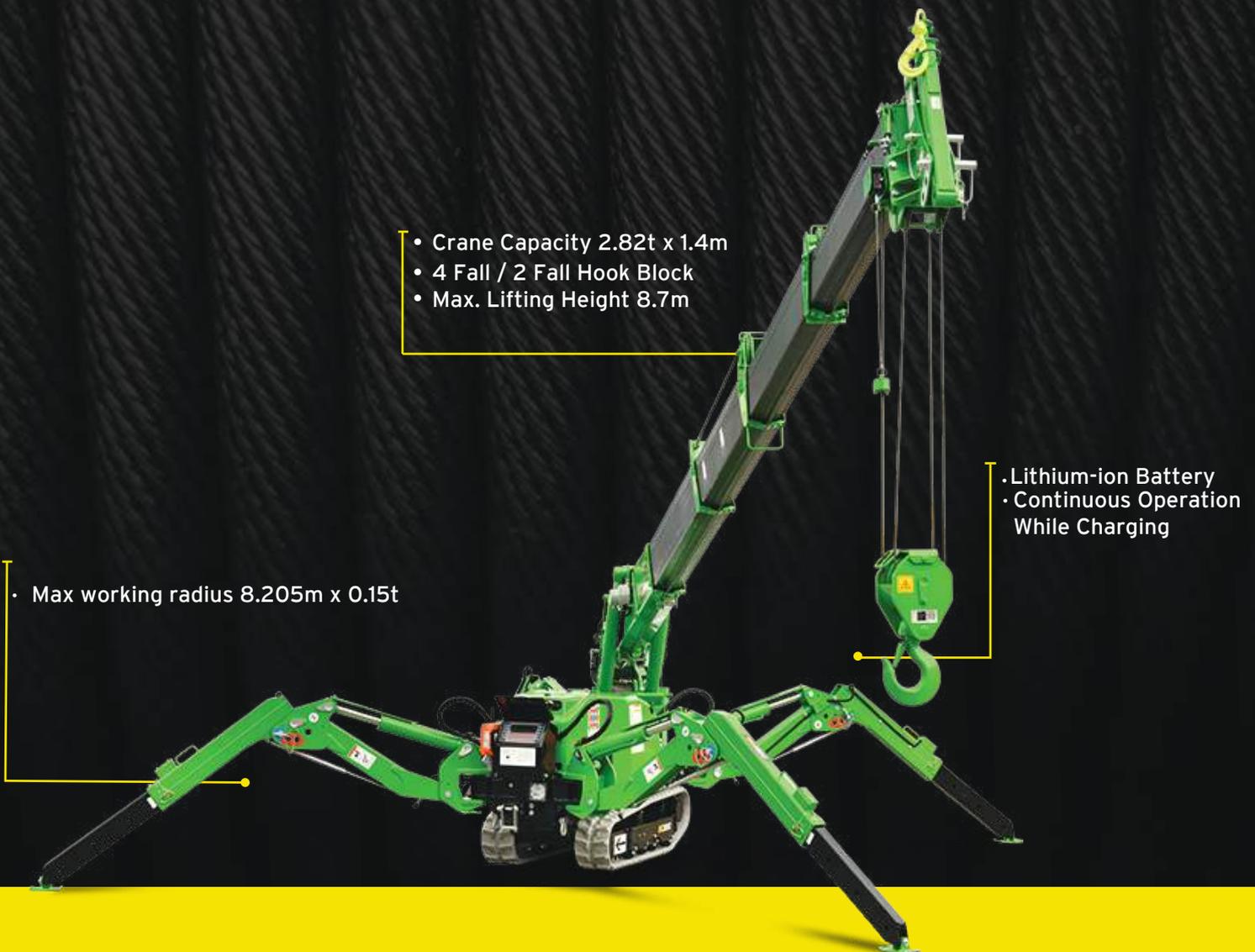


# MAEDA MC285CB



- Crane Capacity 2.82t x 1.4m
- 4 Fall / 2 Fall Hook Block
- Max. Lifting Height 8.7m

• Max working radius 8.205m x 0.15t

- Lithium-ion Battery
- Continuous Operation While Charging

The fully electric-powered Preston Hire Maeda MC285CB mini crane with zero emission, without compromising on performance. Innovative lithium-ion batteries make these models environmentally friendly, economical, efficient, and safe. You can fully operate the crane while charging and short recharge time allows for a more continuous operation. Consider the possibilities...

# SPECIFICATIONS

# MAEDA MC285CB

## DIMENSIONS

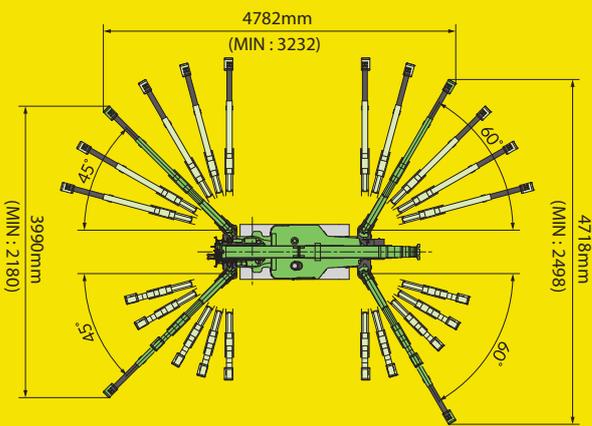
|        |        |
|--------|--------|
| Length | 2800mm |
| Width  | 750mm  |
| Height | 1740mm |
| Weight | 1995kg |

## CAPACITY

|                                 |                |
|---------------------------------|----------------|
| Max. capacity Max.              | 2820kg at 1.4m |
| Max. working radius (main boom) | 8.205m x 0.15t |
| Max. working radius (fly jib)   | N/A            |
| Max. lifting height (main boom) | 8.7m           |
| Max. lifting height (fly jib)   | N/A            |

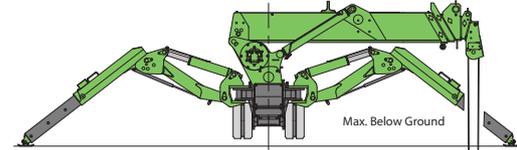
## BATTERY

|                              |                                 |
|------------------------------|---------------------------------|
| Type                         | Lithium Titanate Battery        |
| Charging time (with AC-200V) | 80% : 2h 20min /100% : 3h 30min |
| Charging time (with AC-200V) | 80% : 5h 20min /100% : 7h 00min |

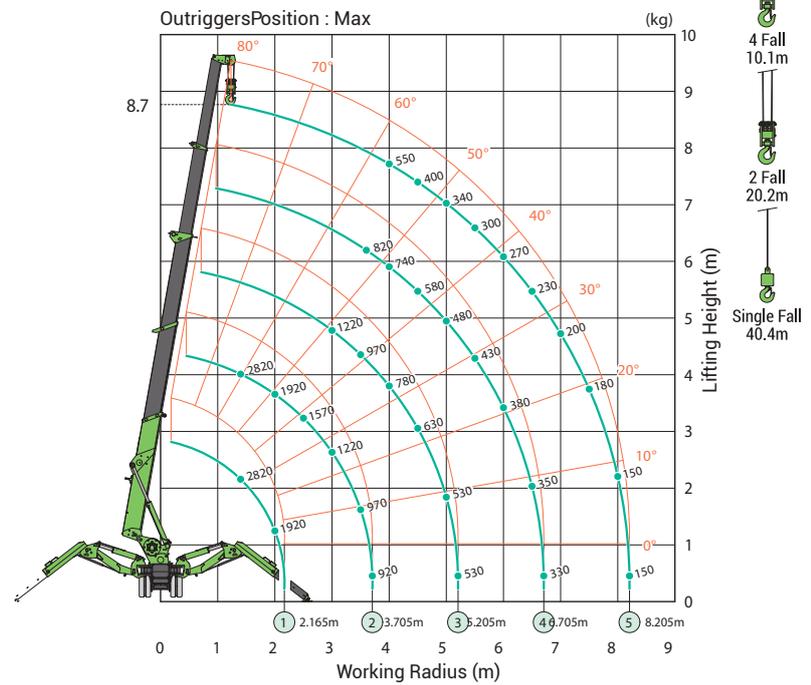


## WORKING RANGE

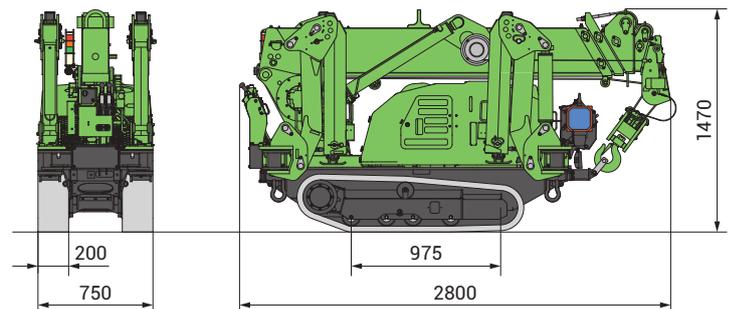
Max. Reach Below Ground



Working Range Chart (4 falls)



Dimensions



\* Due to improvements, the specifications are subject to change without notice.

# LOAD CHART

# MAEDA MC285CB

## LOAD CHART

### OUTRIGGER EXTENDED TO MAXIMUM

| 2.535m / 4.075m Boom |                      | 5.575m Boom       |                      | 7.075m Boom       |                      | 8.575m Boom       |                      |
|----------------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|
| Working radius(m)    | Rated total load(kg) | Working radius(m) | Rated total load(kg) | Working radius(m) | Rated total load(kg) | Working radius(m) | Rated total load(kg) |
| 1.4 or less          | 2820                 | 3.0 or less       | 1220                 | 3.6 or less       | 820                  | 4.0 or less       | 550                  |
| 1.5                  | 2520                 | 3.5               | 970                  | 4.0               | 740                  | 4.5               | 400                  |
| 2.0                  | 1920                 | 4.0               | 780                  | 4.5               | 580                  | 5.0               | 340                  |
| 2.5                  | 1570                 | 4.5               | 630                  | 5.0               | 480                  | 5.5               | 300                  |
| 3.0                  | 1220                 | 5.0               | 530                  | 5.5               | 430                  | 6.0               | 270                  |
| 3.5                  | 970                  | 5.205             | 530                  | 6.0               | 380                  | 6.5               | 230                  |
| 3.705                | 920                  |                   |                      | 6.5               | 350                  | 7.0               | 200                  |
|                      |                      |                   |                      | 6.705             | 330                  | 7.5               | 180                  |
|                      |                      |                   |                      |                   |                      | 8.0               | 150                  |
|                      |                      |                   |                      |                   |                      | 8.205             | 150                  |

### OUTRIGGER AT SECONDARY POSITION

| 2.535m / 4.075m Boom |                      | 5.575m Boom       |                      | 7.075m Boom       |                      | 8.575m Boom       |                      |
|----------------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|
| Working radius(m)    | Rated total load(kg) | Working radius(m) | Rated total load(kg) | Working radius(m) | Rated total load(kg) | Working radius(m) | Rated total load(kg) |
| 1.5 or less          | 1720                 | 3.0 or less       | 510                  | 3.6 or less       | 400                  | 4.0 or less       | 330                  |
| 2.0                  | 1070                 | 3.5               | 410                  | 4.0               | 330                  | 4.5               | 280                  |
| 2.5                  | 630                  | 4.0               | 330                  | 4.5               | 280                  | 5.0               | 230                  |
| 3.0                  | 520                  | 4.5               | 280                  | 5.0               | 230                  | 5.5               | 180                  |
| 3.5                  | 390                  | 5.0               | 200                  | 5.5               | 180                  | 6.0               | 160                  |
| 3.705                | 350                  | 5.205             | 200                  | 6.0               | 160                  | 6.5               | 130                  |
|                      |                      |                   |                      | 6.5               | 130                  | 7.0               | 100                  |
|                      |                      |                   |                      | 6.705             | 120                  | 7.5               | 80                   |
|                      |                      |                   |                      |                   |                      | 8.0               | 70                   |
|                      |                      |                   |                      |                   |                      | 8.205             | 60                   |

\* The Rated Total Load Chart is based on actual working radius including boom deflection.

\* The weight of hook block (standard 4 fall / 2 fall-30kg) must be included as part of the load shown in the Rated Total Load Chart.

\* When using two falls hook or single fall hook, use the appropriate four falls Rated Total Load Chart shown above but with a maximum load of : -1410kg for two falls and -710kg for Single fall.

The total rated load charts are based on the actual working radius including boom deflection.

Disclaimer : All information provided in this publication is correct at time of printing. Please contact Preston Hire for any updated versions.



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