

Pick & Carry Cranes

MC100RE Pick & Carry Crane **[10.0t]**

The MC100RE is a fully battery-powered, radio-remote controlled Pick & Carry crane designed for precision handling, superior manoeuvrability, and clean performance in the most demanding indoor and outdoor environments.

With a lifting capacity of up to 10.0t and a compact design, the MC100RE excels where space is limited and emissions are restricted.

Driven by battery, the MC100RE delivers zero-emission operation with minimal noise, making it ideal for sensitive environments such as production facilities, warehouses, and urban construction sites. The crane's articulated steering and robust build offer outstanding stability and control, even when navigating narrow aisles or uneven terrain.

One of the standout features of the MC100RE is its 360° continuous slewing capability, which allows the crane to rotate its boom a full circle without restriction. This unrestricted range of motion significantly enhances operational flexibility, especially in tight or congested spaces where repositioning the entire machine is not feasible.

Combined with the remote control system, the 360° slewing ensures safer and more efficient handling in complex lifting environments such as industrial plants, workshops, or confined construction sites.



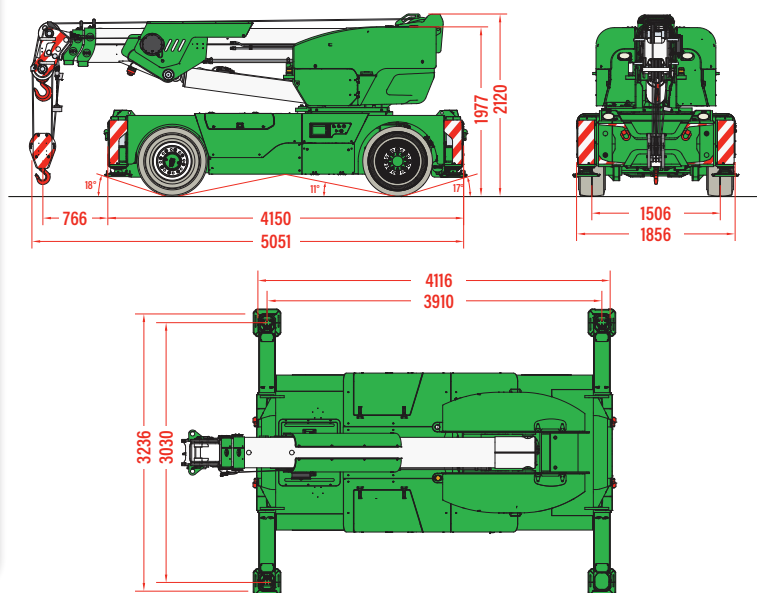
The MC100RE Pick & Carry Crane is fully controlled via radio remote with digital screen

Reference Code
MC100

Technical Specification

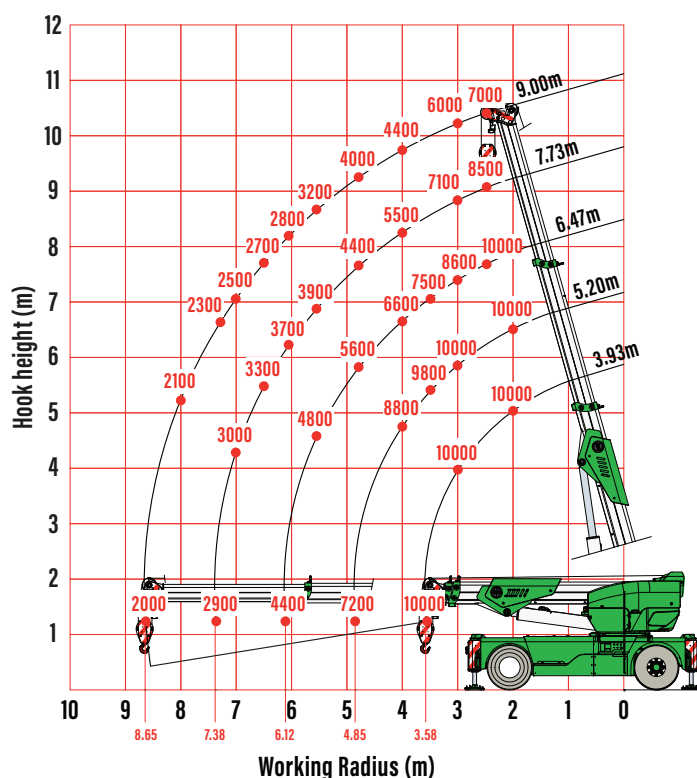
Capacity	10.0t x 3.0m (main hook, no outriggers) 10.0t x 3.58m (main hook, with outriggers deployed)
Maximum working radius	8.65m (hook), 11.95m (hydraulic fly jib)
Maximum lifting height	10.2m (hook), 13.5m (hydraulic fly jib)
Dimensions	5051mm (l) x 1856mm (w) x 2120mm (h)
Weight	12,670kg (with all counterweights)
Boom length	3.93 - 9.00m
Boom type	3 section box boom (1+2+3 hydraulic)
Derricking angle	-7° to 74°
Steering	Rear hydraulic 184° and directional front
Tyres	2 solid rear, 2 solid front
Drive motors	2 x AC 8.5kW 80V
Power source	80v 920Ah rechargeable battery
Battery charger	415v (32amp supply required)
Travel speed	1.5km/h
Gradeability	±18° (without load)
Standard equipment	safe load indicator, work lights, strobe lamp, 4 x outriggers, reversing alarm, overload warning lamps, tie down/lifting points, anti-rope unwinding, emergency stop button, radio remote control, tiltable head and hook, chargers, range limiting (height, radius and slew limitation)
Optional equipment	10t fixed hook, 10t hydraulic winch, 4t hydraulic jib with hydraulic extension, low-marking tyres, man basket

Technical Data (approx. mm)



Main Boom Rated Loads - Outriggers Deployed

Loads shown in kg and with all counterweights fitted.



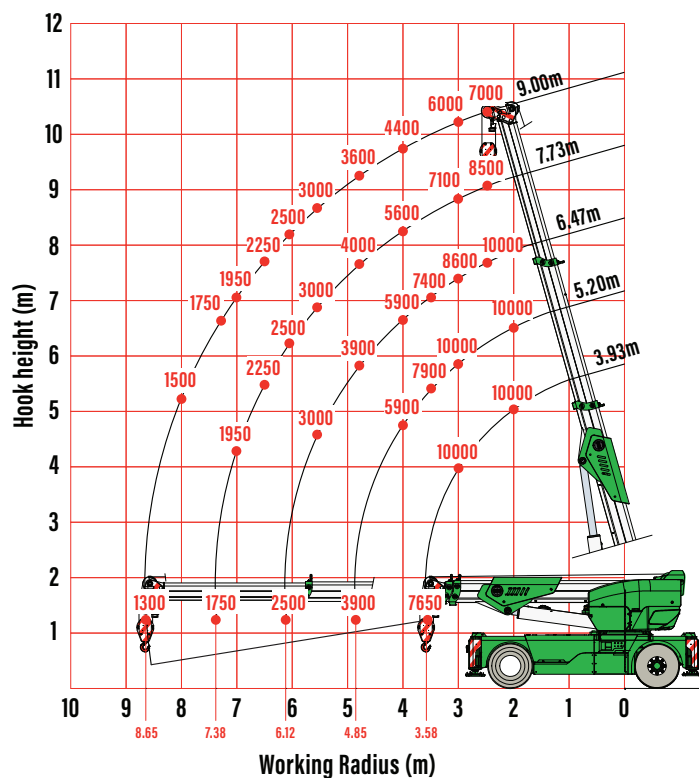
The MC100RE main boom can reach a max lifting height of 10.2m when using the main hook. Alternatively, operators can use the full winch system to allow lifting from different levels/floors.



With four deployable outriggers, stability is optimised for when lifting a load and when slewing the turret.

Main Boom Rated Loads - Outriggers Stowed

Loads shown in kg and with all counterweights fitted.



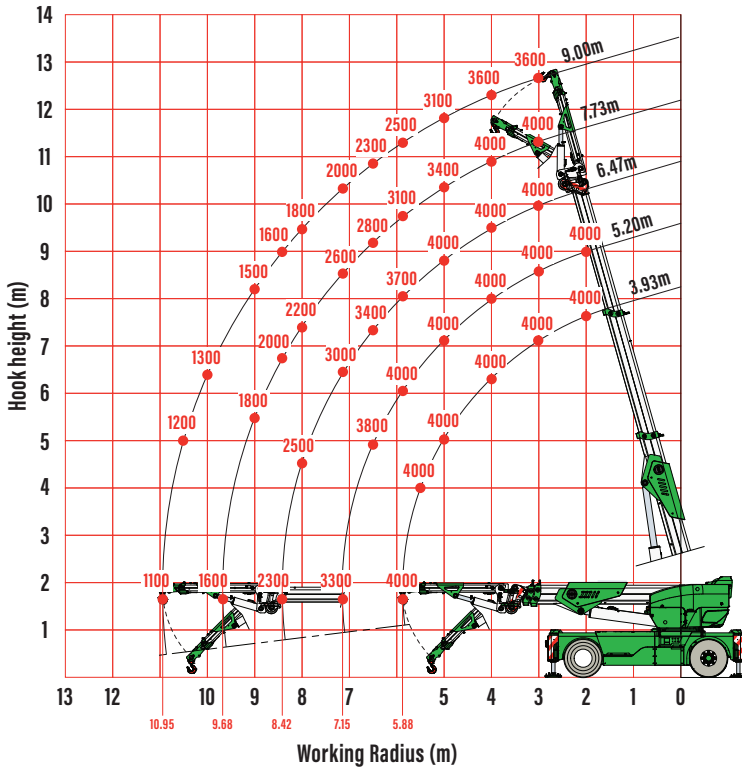
While information is supplied to the operator via the radio remote control, on the machine there is a handy digital display showing all relevant information.

Note: All charts shown are for Front Load ONLY - side and rear load tables are available in the Operator's Manual and/or with the machine.

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4t Hydraulic Jib Rated Loads - Jib Retracted

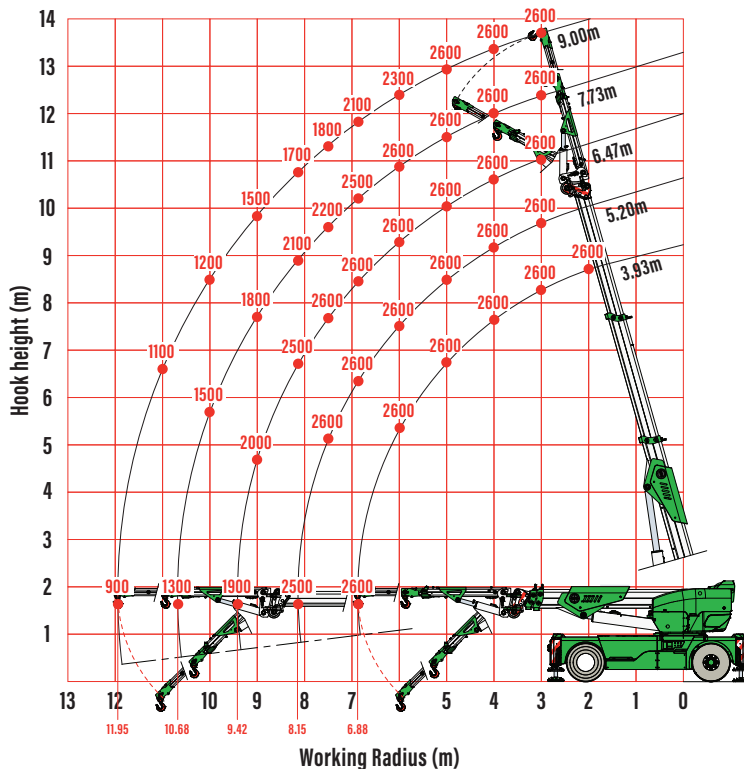
Loads shown in kg and with all counterweights fitted.



The 4t capacity hydraulic jib can be easily deployed when on site to extend the maximum lifting height.

4t Hydraulic Jib Rated Loads - Jib Extended 1000mm

Loads shown in kg and with all counterweights fitted.



180° rear steering allows the MC100RE to manoeuvre in the tightest areas typically found on construction sites or in factories, warehouses and production lines.

Note: All charts shown are for Front Load ONLY - side and rear load tables are available in the Operator's Manual and/or with the machine.