

Pick & Carry Cranes

MC180 Pick & Carry Crane **[18.0t]**

The MC180 is a highly versatile, compact pick and carry crane designed to deliver outstanding lifting performance in confined spaces. With a maximum capacity of 18,000 kg, this battery-powered machine offers zero-emission operation, making it ideal for indoor and sensitive environments.

The MC180's compact footprint allows for excellent maneuverability through narrow aisles, doorways, and around obstacles, while its precision controls ensure smooth, safe operation even in challenging conditions.

Equipped with solid rubber non-marking tyres, the MC180 protects floor surfaces while maintaining exceptional traction. Its hydraulic systems provide impressive lifting and outreach capabilities, enabling precise positioning of heavy loads with minimal effort. Thanks to its electric drive and quiet operation, the MC180 is suited for use in environments where noise reduction is critical.

The MC180 Pick & Carry Crane is a reliable solution for lifting and handling tasks in industries such as glass installation, steel erection, manufacturing, aerospace, automotive, precast concrete, construction, plant maintenance, and more.



The MC180 Pick & Carry Crane can be fully controlled via radio remote with digital screen

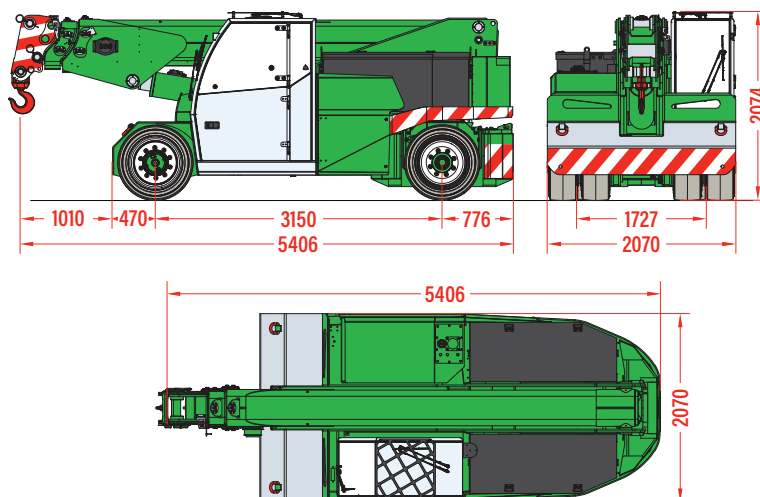
Reference Code
MC180

Technical Specification

Capacity	18.0t
Maximum working radius	7.5m (hook), 10.6m (7t hydraulic fly jib),
Maximum lifting height	11.6m (hook), 13.2m (7t hydraulic fly jib)
Dimensions	5406mm (l) x 2070mm (w) x 2074mm (h)
Weight	19,920kg (including Z1, Z2 & Z3 counterweights) 14,850kg (excluding Z1, Z2 & Z3 counterweights)
Boom length	5.02 - 11.52m
Boom type	3 section box boom (1+2+3 hydraulic)
Derricking angle	-4° to 65°
Steering	Rear hydraulic 180° and directional front
Tyres	2 solid rear, 4 solid front
Drive motors	2 x AC 10kW 96V
Power source	96v 630Ah rechargeable battery
Battery charger	415v (32amp supply required)
Travel speed	3.0km/h (Cabin Mode), 1.5km/h (Radio Remote Mode)
Gradeability	±15° (without load)
Standard equipment	safe load indicator, work lights, strobe lamp, fire extinguisher (powder), reversing alarm, overload warning lamps, tie down/lifting points, anti-rope unwinding, emergency stop button, radio remote control, intelligent throttle, tilttable head and hook, chargers
Optional equipment	18t fixed hook, 16t hydraulic winch, 13t offset fixed hook, 7t hydraulic jib with hydraulic extension, manual jib, manual jib with manual extension, non-marking tyres, radio remote control, hydraulic forks, man basket

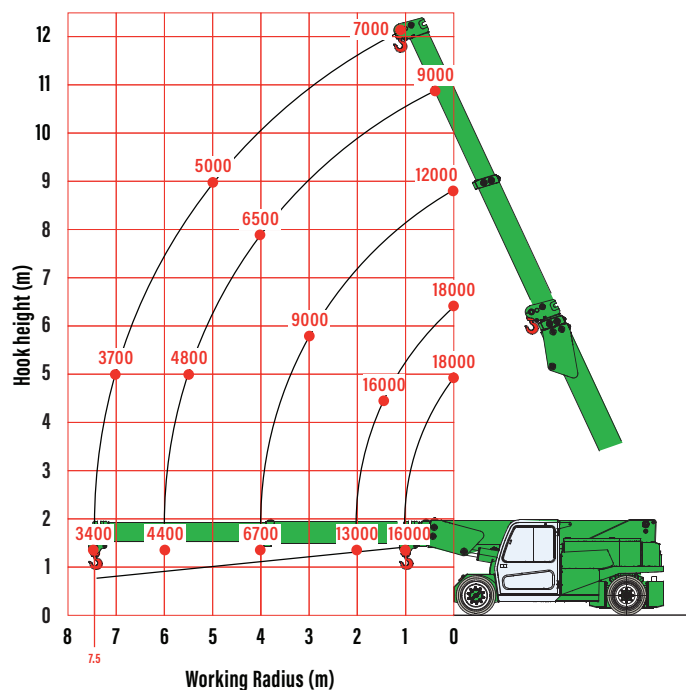


Technical Data (approx. mm)



Main Hook - Rated Loads

Loads shown in kg and with all counterweights fitted.



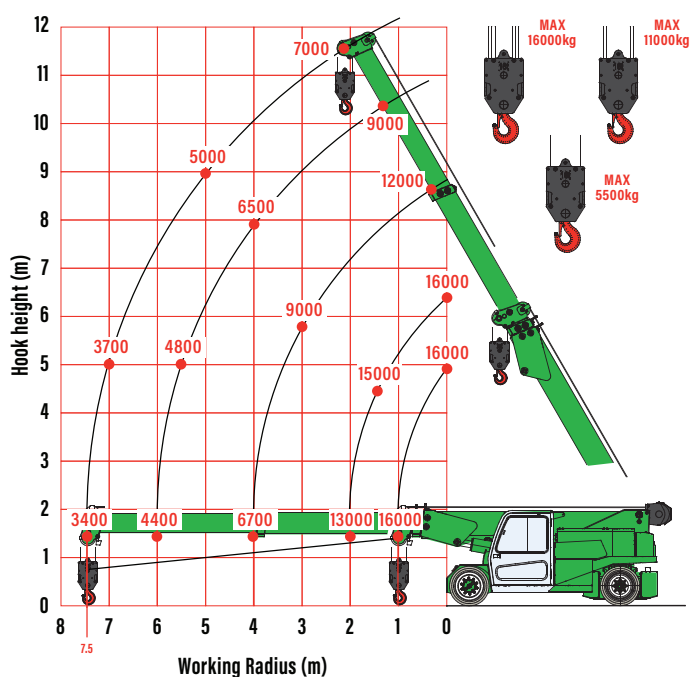
The MC180 Main Boom can reach a max lifting height of 11.6m when using the fixed hook. Alternatively, operators can use the full winch system to allow lifting from different levels/floors.



The operator cab comes complete with a full colour SLI, and easy-to-use controls, helping operators stay focused on the job, while remaining comfortable when working.

Hook Block - Rated Loads

Loads shown in kg and with all counterweights fitted.

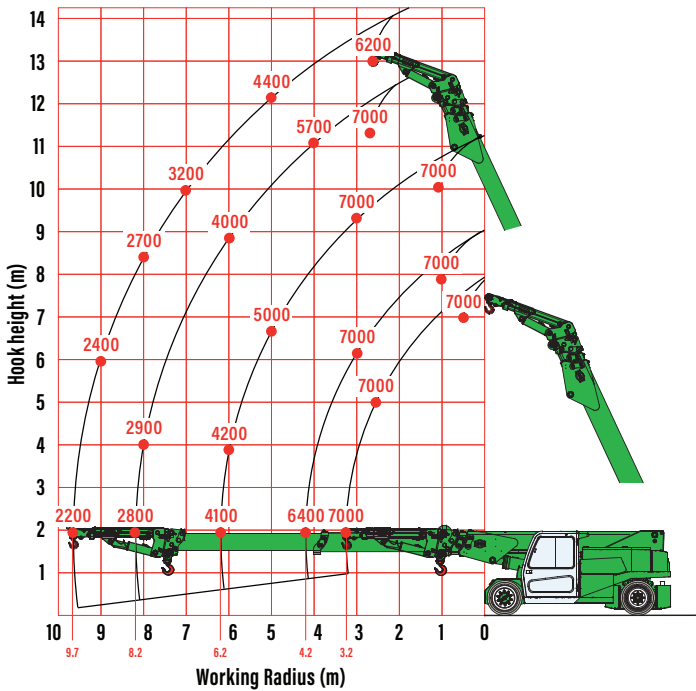


The MC180 can be fitted with either a full-winch system allowing a hook block attachment, or a hook only. Both options can also be used on the hydraulic jib.

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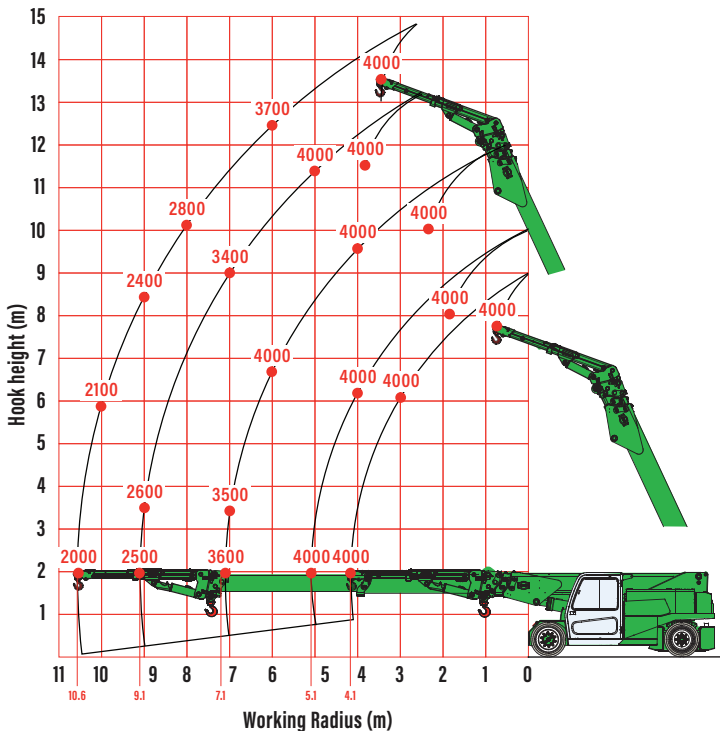
Hydraulic Jib Retracted - Main Hook - Rated Loads

Loads shown in kg and with all counterweights fitted.



Hydraulic Jib Extended - Main Hook - Rated Loads

Loads shown in kg and with all counterweights fitted.



The hydraulic jib can be easily fitted and extended to increase the maximum lifting height.



180° rear steering allows the MC180 to manoeuvre in the tightest areas typically found on construction sites or in factories, warehouses and production lines.