

Pick & Carry Cranes

GF420 Pick & Carry Crane [42.0t]

With a massive lifting capacity of 42 tonnes and 1395Ah battery that can provide hours of continuous operation, the robust GF420 pick and carry crane is a true titan of lifting.

Because of its narrow 2090mm chassis and maximum lifting height of 13.8 meters, this all-electric heavy lifting machine has a small working footprint and is ideal for situations where there may be limited workspace.

In addition to having a 180° rear wheel steering system for improved control and manoeuvrability, the GF420 pick and carry crane comes with an extendable chassis to achieve the maximum 42t lifting power, the counterweights can also be removed.

Safety is paramount on the GF420, coming complete with reversing cameras and a fully integrated SLI system, operators can be confident when performing lifts with this powerful crane.

The GF420 pick and carry crane is an environmentally friendly, zero-emissions machine that is perfect for use in industrial settings, factories, substations, civil works, ULEZ compliance, and clean air areas. This unique crane helps customers lower their carbon footprint without sacrificing operational effectiveness or lifting capability.

Technical Specification

Capacity	42.0t x 1.5m (extended chassis)
	9 m (rotating head in position n° 0)
Maximum working radius	9.5 m (rotating head in position n° 2) 9.8 m (rotating head in position n° 4)
Maximum lifting height	13.5m with rotating head in position n° 2
Extended dimensions	6800mm (l) x 2090mm (w) x 2568mm (h)
Closed dimensions	5924mm (l) x 2090mm (w) x 2568mm (h)
Weight (approx, inc. winch block, no hydraulic jib)	33,341kg, 23,341kg (without counterweights)
Weight (approx, inc. winch block, with 9T/6T hydraulic jib)	34,141kg, 24,141kg (without counterweights)
Counterweights	10 x 940kg, 2 x 340kg
Boom length	5.45 - 12.545m (rotating head in position n° 2)
Boom type	4 section box boom (full hydraulic)
Derricking angle	-7° to 70°
Steering	Rear hydraulic 180° (4100mm steering radius closed chassis) (5164mm steering radius extended chassis)
Tyres	4 solid rear, 4 solid front
Drive motors	2 x AC 12kW 96V
Power source	96v 1395Ah rechargeable battery
Charging voltage	415 Volt 3 phase 32 Amp
Standard equipment	safe load indicator, shut-off valve, proportional distributor joystick-controlled, reversing alarm, seat sensor and seatbelt, work light, emergency stop button, reversing cameras
Optional equipment	searcher hook, 9t/6t hydraulic fly jib, 15t/9t hydraulic fly jib, winch system, auto-levelling telehandler forks, low marking tyres, radio remote control, outriggers

Even at the maximum lifting height the GF420 is capable of lifting up to 25,000kg



The extendable chassis provides the maximum capacity when lifting

Reference Code

MCGF420



The GF420 comes with an optional 9t/6t hydraulic jib



The optional 42t winch vastly increases the versatility and scope of work

At just 2090mm wide and with a 4100mm turning circle, the agile GF420 can fit into the tightest spaces.

100% battery-powered, the GF420 joins our wide range of eco-friendly pick & carry cranes.



The GF420 counterweights can be removed to suit ground conditions and/or allowable ground pressure.



Low marking tyres allow the GF420 to work in areas with sensitive flooring.



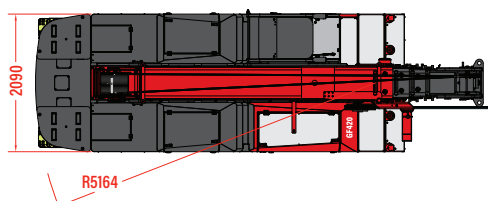
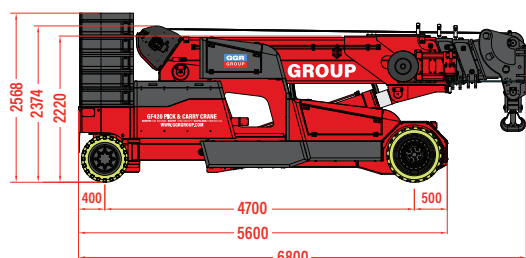
The intuitive, comfortable and easy to use controls inside the cab means operators have complete control and overview of the GF420 at all times.



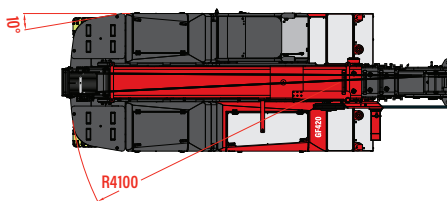
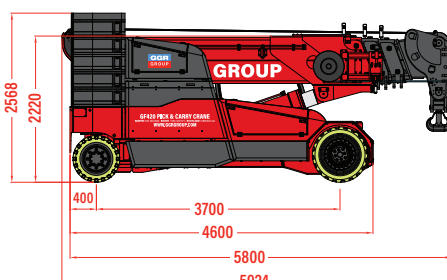
The GF420 Pick & Carry Crane can be fully controlled via radio remote with digital screen.

Technical Data (approx. mm)

Extended Chassis



Compact Chassis



Reversing cameras and full colour SLI integration

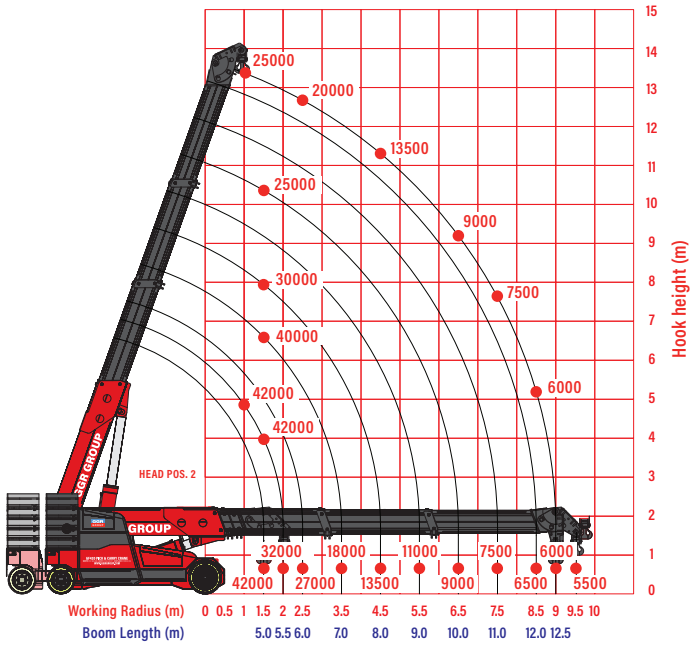


LED Worklights

Pick & Carry Cranes

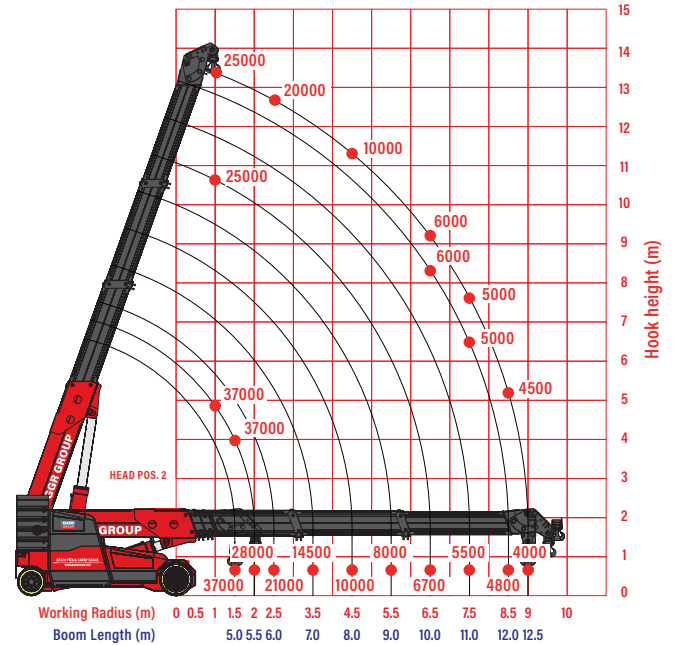
Main Hook Rated Loads (kg)

M0 - Head Pos 2. - Full Counterweights - Chassis Extended



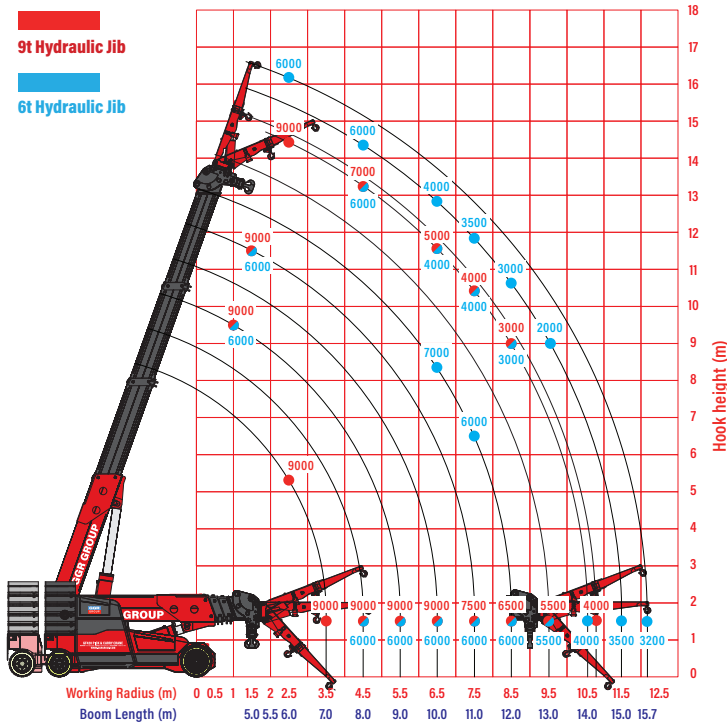
Main Hook Rated Loads (kg)

M1 - Head Pos 2. - Full Counterweights - Chassis Closed



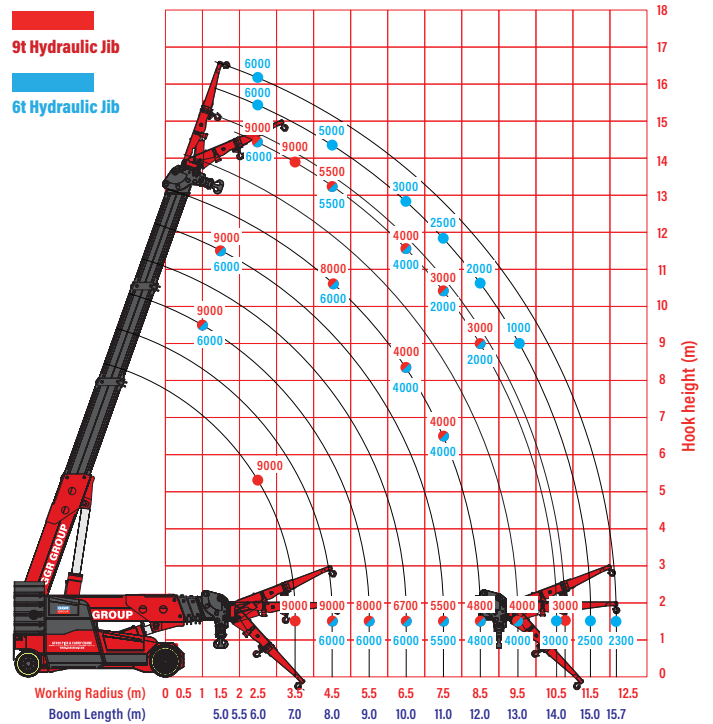
9T/6T Hydraulic Jib Rated Loads (kg)

M30 - Full Counterweights - Chassis Extended



9T/6T Hydraulic Jib Rated Loads (kg)

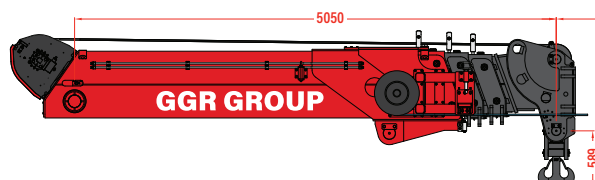
M31 - Full Counterweights - Chassis Closed



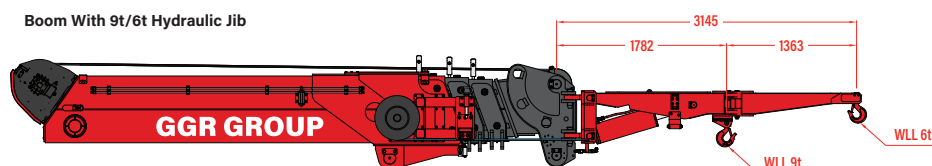
* Please Note: Capacities shown are without the winch block being used. its own weight (winch block system) is added to the load lifted. Capacities shown are with all counterweights fitted, removing the counterweights and using the GF420 is possible, however, the capacities will reduce, please consult the manual/GGR Group for further information.

Main Boom Technical Data (approx. mm)

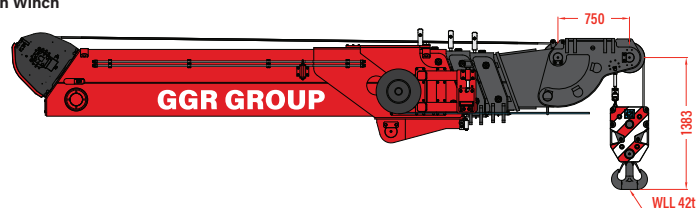
Boom With Main Hook



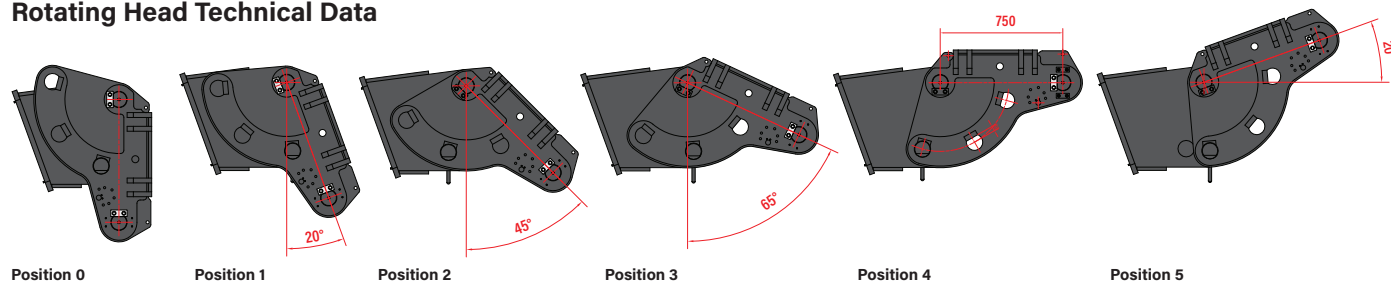
Boom With 9t/6t Hydraulic Jib



Boom With Winch



Rotating Head Technical Data



The extendable chassis provides the maximum capacity when lifting

180° rear wheel steering allows the GF420 to navigate the tightest of spaces

