

2.9t Lifting Capacity

Mini Crawler Crane MCC383 [2.9t]

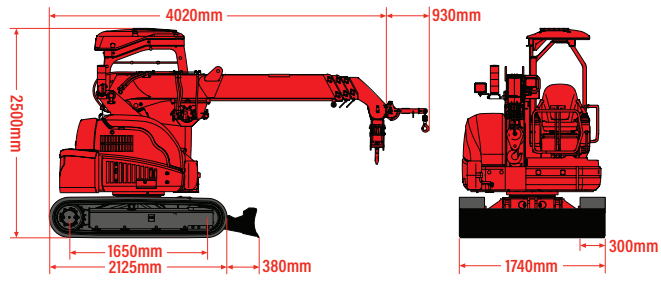
The MCC383 crawler crane boasts a lifting capacity of up to 2.93 tonnes and is the ideal machine for operating in busy city centres where installation space is restricted.

Benefitting from a compact tracked footprint without the need for outriggers, this mini crawler crane has a maximum working height of up to 9.3m and a pick and carry capacity of up to 1465kg. An optional 500kg searcher hook is also available. The blade at the front of the MCC383 can level the ground prior to lifting when required.



Reference Code
MCC383

Technical Data (mm)



Technical Specifications

Maximum capacity	2.93t x 1.5m
Maximum working radius	8.38m
Maximum lifting height	9.3m
Hook speed	20.8m/min (4 falls, 4th layer)
Hoist rope	IWRC 6 x WS (26) 8mm x 73m
Telescopic system	3.18m - 8.71m 5.53m/14.3 sec Fully automatic 4 section telescoping boom
Hoist system	0° to 80° / 12.2 sec
Slew system	360° continuous/2.6rpm
Drive	Both sides independent steering control, hydraulic piston motor with in-built automatic brake, planet reduction gears, sprocket crawler
Traction system	0 - 2.9km/h (low), 0 - 5.0km/h (high) speed ±20° gradeability 1,650mm x 300mm track size 43.1 kPa (0.44kgf/cm ²) ground pressure
Engine	Yanmar, 4 cylinder diesel water cooled direct injection, 21.5kW / 2400rpm, 42l tank capacity, electric start
Weight	4400kg (MCC383) + 30kg (hook block)
Standard equipment	Overwind protection, steel tracks, hydraulic safety valve, level, travel lock lever, tilt alarm, EMO switch, moment limiter, working status lamp, hydraulic blade, 4-fall/2-fall hook block
Optional equipment	Single fall hook, large single fall hook, Rubber pads (black or white) weight 90kg, 500kg searcher hook

Total Rated Load Chart

Boom length	3.18m boom	3.18m boom	5.03m boom	5.03m boom	6.87m boom	6.87m boom	8.71m boom	8.71m boom
Working radius (m)	STATIC	MOBILE	STATIC	MOBILE	STATIC	MOBILE	STATIC	MOBILE
1.5	2930	1465	2930	1465	1870	not allowed	1190	not allowed
2.0	1730	865	1710	855	1710	not allowed	1190	not allowed
2.5	1200	600	1190	595	1190	not allowed	1190	not allowed
2.85	980	490	980	490	980	not allowed	980	not allowed
3.0			900	450	900	not allowed	900	not allowed
3.5			720	360	720	not allowed	720	not allowed
4.0			600	300	600	not allowed	600	not allowed
4.5			500	250	500	not allowed	500	not allowed
4.7			460	230	460	not allowed	460	not allowed
5.0					430	not allowed	430	not allowed
5.5					370	not allowed	370	not allowed
6.0					330	not allowed	330	not allowed
6.54					290	not allowed	290	not allowed
7.0							260	not allowed
7.5							235	not allowed
8.0							215	not allowed
8.38							200	not allowed

500kg Searcher Hook Total Rated Load Chart

Boom length	3.18m boom	5.03m boom	6.87m boom	8.71m boom
Working radius (m)	Total rated load (kg)			
1.5	500	500	500	500
2.0	500	500	500	500
2.5	500	500	500	500
2.85	500	500	500	500
3.0		500	500	500
3.5		500	500	500
4.0		440	430	430
4.5		370	370	370
4.7		350	350	350
5.0			320	320
5.5			280	280
6.0			250	250
6.54			220	220
7.0				200
7.5				180
8.0				160
8.38				150