

Trailer, Special Use & Crawler Cranes

Robust Lifting Power For R

Mini Crawler Crane MCC505 [4.9t]

With 4.9 tonnes of lifting power and a 2 tonnes pick and carry capacity, the MCC505 telescopic crawler crane is a practical solution for carrying out heavy-duty lifting operations in confined spaces.

This mini crawler is a robust lifting machine that has minimal dimensions for manoeuvring into restricted access areas and hard-wearing tracks for easy movement across rough and uneven terrain.

The crane's user-friendly controls and moment limiter ensure that carrying out precision lifts up to a 16.2 metre height in this reliable compact crane is straightforward and safe.

Reference Code

MCC49



Technical Specifications

Maximum capacity	Capacity:	4.9t x 2.1m
Maximum working radius	Maximum radius:	15.18m
Maximum lifting height	Maximum height:	16.2m
Hook speed	Hook speed:	Two speed 46/76 m/min
Hoist rope	Hoist rope:	ø 10mm / 160m
Telescopic system	Boom length: Telescopic speed: Boom type:	3.94m to 15.72m 11.78 - 20.0s Five section hydraulically telescoping boom
Boom angle	Boom angle/speed:	-8° - 76° (13.5s)
Slew angle	Slew angle/speed:	360° continuous/2.5rpm
Drive	Drive:	Hydraulic
Traction system	Travel speed: Gradeability: Track length x width: Ground pressure:	3.3km/h max (variable by lever operation) ±20° 2980 x 450mm 0.43kg/cm ²
Engine	Type: Maximum output: Fuel tank capacity:	Isuzu A-4JG1 40.5kW engine 89 litres
Dimensions	Dimensions (l x w x h): Weight:	5170mm x 2320mm x 2750mm 9800kg
Standard equipment	Standard:	Steel tracks, moment limiter, air conditioned and heated operator cab
Optional equipment	Optional:	Single fall hook, 2 fall hook block, bolt-on rubber pads, window guards and carrier, top cab handrails



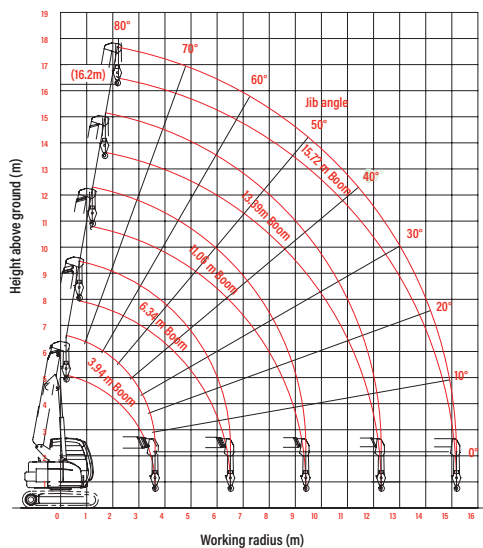
Total Rated Load Chart

Boom length	3.94m boom	6.34m boom	8.73m boom	11.06m boom	13.39m boom	15.72m boom
Working radius (m)	Total rated load (kg)					
2.0	4900 (2.10m)	4900				
2.5	3910	3850	2930			
3.0	2900	2900	2810	2030		
3.5	2300	2310	2250	2030	1250 (3.70m)	
4.0	2200 (3.64m)	1880	1850	1880	1200	
4.5		1570	1550	1580	1100	
5.0		1340	1340	1350	1020	650
5.5		1160	1160	1170	970	580
6.0		1020	1030	1040	870	530
6.5			880	920	790	430
7.0			780	820	720	380
8.0			620	670	640	380
9.0			580 (8.43m)	560	570	330
10.0				470	500	290
11.0				410 (10.76m)	420	270
12.0					360	250
13.0					310 (13.09m)	230
14.0						210
15.0						200
15.42						200

Pick & Carry Duties

3.94m boom	6.34m boom	8.73m boom
Total rated load (kg)		
2000 (2.10m)	2000 (2.10m)	
1955	1925	1465
1450	1450	1405
1150	1155	1125
1100 (3.64m)	940	925
	785	775
	670	670
	580	580
	510	515
		440
		390
		310

Rated Loads



Technical Data (mm)

