

... consider the possibilities



Specifications

Capacity	Maximum	2.98 t x 2.5m
Working Radius	Maximum	12.16m x 260kg
Lifting Height	Maximum	12.52m x 790kg
Dimensions	MC305 CRM(E)	4285mm x 1280mm x 1695mm
Weight	MC305 CRM	3900kg
	MC305 CRME	4040kg
	Hook Block Weight	30kg
Hook Speed	Maximum	13.5m / min. (4 falls, 4th layer)
Single Line Speed	Maximum	54m / min. (4th layer)
Hoist Rope	Type	IWRC 6 x WS (26) Ø 8mm x 73m
Telescopic System	Boom length	3.695m - 12.485m
	Telescoping speed	8.79m / 26 sec
	Boom type	Fully automatic 5 section pentagonal telescopic boom
Boom Hoist System	Hoist angle / speed	0° - 80° / 14.5 sec
Slew System	Slew angle / speed	360° continuous / 2.4 rpm
Outrigger System	Type	Extension and set-up by hydraulic cylinders.
	Maximum extended dimensions	(Length) 4888mm x (Front) 4504mm x (Rear) 4396mm
Traction System	Drive	Hydraulic motor driven, stepless speed changer
	Travel speed	0 - 2.8 km/h
	Gradability	23°
	Ground length x width	1750mm x 300mm (Track dimensions)
Engine	Ground pressure	0.37 kgf / cm ² (0.38 kgf / cm ² CRME)
	Model	Yanmar 3TNV76
	Type	3 cylinder water cooled diesel
	Rated output	15.2 kW / 2500 rpm
	Starting method	Electric
Electric Motor (Optional)	Fuel tank capacity	Diesel / 40L
	Type	Fully enclosed fan cooled motor
Standard Equipment	Size	5.5 kW 4P 380V
	Overwind protection, hydraulic safety valves, level, tilt alarm, EMO switch, travel lock lever, outrigger interlock system, moment limiter, working status lamp, hour-meter, 4-fall / 2-fall hook block, black rubber tracks, digital feedback remote control, data logger	
Optional Equipment	Radio remote control, white rubber tracks, single fall hook, 300kg searcher hook.	

Total rated load Outriggers at Maximum position

3.7m/5.945m boom		8.145m boom		10.315m boom		12.485m boom	
Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)
< 2.5	2980	2.7	2270	4	1080	< 4.5	790
3	2390	3	2120	4.5	985	5	660
3.5	1990	3.5	1680	5	880	6	520
4	1710	4	1440	6	770	7	430
4.5	1490	4.5	1260	7	670	8	380
5	1340	5	1110	8	570	9	340
5.62	1160	5.5	990	9	500	10	310
		6	880	9.99	435	11	280
		7	730			12.16	260
		7.82	630				

Total rated load Outriggers at Middle position

3.7m/5.945m boom		8.145m boom		10.315m boom		12.485m boom	
Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)
< 2.5	2980	2.7	2270	4	1060	< 4.5	780
3	2360	3	2090	4.5	950	5	650
3.5	1960	3.5	1680	5	860	6	500
4	1680	4	1420	6	750	7	410
4.5	1380	4.5	1240	7	630	8	360
5	1140	5	1070	8	490	9	320
5.62	950	5.5	950	9	410	10	290
		6	800	9.99	350	11	260
		7	610			12.16	250
		7.82	520				

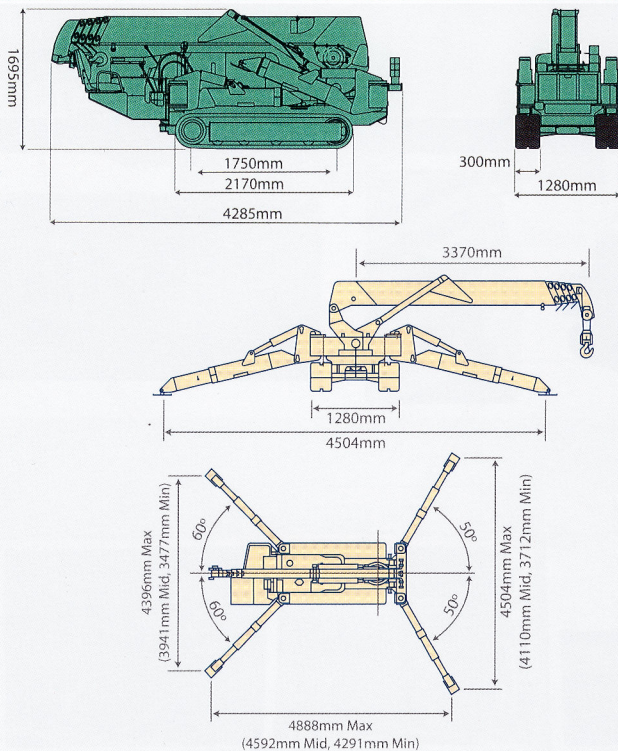
Total rated load Outriggers at Minimum position

3.7m/5.945m boom		8.145m boom		10.315m boom		12.485m boom	
Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)
< 2.5	2980	2.7	2270	4	1060	< 4.5	780
3	2350	3	2090	4.5	950	5	650
3.5	1800	3.5	1680	5	860	6	500
4	1430	4	1370	6	680	7	410
4.5	1140	4.5	1120	7	530	8	360
5	950	5	910	8	420	9	320
5.62	790	5.5	790	9	340	10	290
		6	670	9.99	300	11	240
		7	510			12.16	210
		7.82	430				

Maximum Reach Below Ground Level

Four Fall	Two Fall	Single Fall
16.09m	32.18m	64.36m

Dimensions



Working Range Diagram

