



CRANE SPECIFICATION

3.8T MAEDA MC405

COMPREHENSIVE LIFTING SOLUTIONS

We look forward to providing a full heavy lift engineering and crane solution for your next project. Our heavy lift engineers and on site personnel are experienced in managing and organising highly de-manding lift requirements.

Contact us to discuss your lifting requirements and a free quote.

BRISBANE (HQ)

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37 Paringa Rd, Murarrie, QLD, 4172

ROMA

07 4622 5522
8 Wormwell Drive, Roma QLD 4455

BALLINA

02 6686 7748
5 Convair Ave, Ballina, NSW, 2478

SUNSHINE COAST

0409 595 618
562 Maroochydore Rd, Kunda Park, QLD, 4556

GLADSTONE

07 4972 9326
7 Red Cover Rd, Gladstone, QLD, 4680

TOWNSVILLE

07 4779 4088
16 Mackley St, Garbutt QLD 4814

ROCKHAMPTON

07 4939 1095
371 Leichhardt St, Rockhampton QLD, 4700

MACKAY

07 4952 6998
135 Diesel Drive, Paget QLD 4740

GOLD COAST

07 5593 4688
9 Kimberley Rd, Burleigh Heads, QLD, 4220

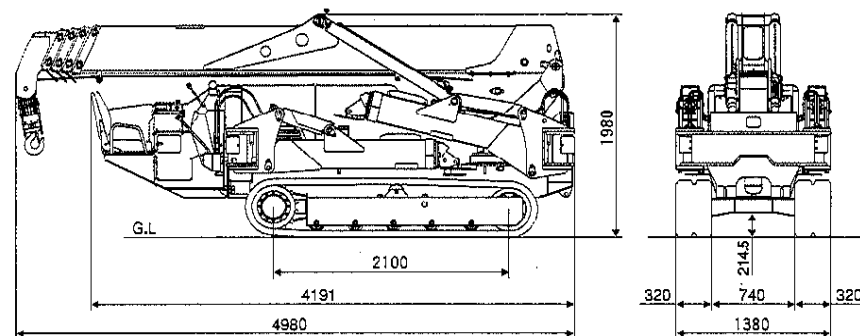


MAEDA Mini Crawler Crane MC-405C

Specifications

Model		MC-405CRME	
Crane capacity		t × m	3.83t × 2.7m
Max. working radius		m × t	16m × 0.21t
Max. lifting height (on the ground)		m	16.8m
Max. lifting height (underground)		m	-20.5m
Winch system	Hook speed	m/min	10m/min [18.0m/min] (4 layers 4 falls)
	Hoist wire rope	φ × m	IWRC 6 × WS(26) φ8 × 95m
Telescoping system	Type		Fully automatic 5-section pentagonal telescopic boom
	Boom length	m	4.735~16.475m
	Boom telescoping stroke / time	m/sec	11.7m/54.2sec [41.3sec]
Boom hoist system	Hoist angle / time	deg/sec	0~80/24.5sec [17.0sec]
Swing system	swing angle / time	deg/rpm	360/2.1rpm [2.5rpm]
Outrigger system	Type		Extended Hydraulic cylinder direct acting Setting up Hydraulic cylinder direct acting
	Max. extended width	mm	(Lateral) 5,786X (Front) 5,118X (Rear) 5,520
Travel system	Type		Hydraulic motor driven, stepless speed changer
	Travel speed	km/h	0~3.3
	Gradability	deg	20
	Crawler ground length X width	mm	2,100 X 320
Engine	Ground pressure	kpa [kgf/cm ²]	41.9 [0.43]
	Model		YANMAR 3TNV88-PMB
	Displacement	L [cc]	1,642 [1,642]
	Rated output	kw/min ⁻¹ [ps/rpm]	21.8kw/2400min ⁻¹ [29.6PS/2400rpm]
Motor (MC-405CRME)	Starting method		Electric starting
	Fuel / Fuel tank capacity	L	Diesel/60.0
	Motor type		Totally enclosed fan-cooled motor 7.5kw, 4P 380V
	Starting system		Inverter system (30Hz-60Hz)
Remote control system	Type		Cable remote controller
	Micro/High speed mode		Available
	Load display for transmitter		Available
	Outrigger operation		Available
Pick & Carry capacity	Voice		Available
		kg	300kg
	Overall length X width X height	mm	4,980 X 1,380 X 1,980
	Machine weight	kg	5,600kg (5,750kg with electric motor)
Safety device			Overwind protection, Load indicator, Hydraulic safety valve, Wire rope latch, Level, Machine body inclination alarm, EMO switch, Travel lock lever, Outrigger interlock device Moment limiter, Rotary lamp
Options			White rubber track, Single fall hook Searcher hook

Dimensions



Before use, please read the Operation Manual

Due to improvements, the specifications are subject to change without notice.



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Total Rated Load Chart (4 falls)

4.735m/7.695m Boom		10.655m Boom		13.565m Boom		16.475m 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)
2.7 or less	3830	3.5	3030	4.0	2230	5.0	1080
3.5	3030	4.0	2580	4.5	1930	5.5	980
4.0	2580	5.0	2030	5.0	1730	6.0	910
5.0	2030	6.0	1680	6.0	1400	7.0	760
6.0	1630	7.0	1380	7.0	1180	8.0	650
7.0	1380	8.0	1130	8.0	1030	9.0	600
7.25	1330	9.0	880	9.0	930	10.0	550
		10.2	580	10.0	830	11.0	490
				11.0	690	12.0	440
				12.0	530	13.0	380
				13.1	430	14.0	320
						15.0	260
						16.0	210

* The Total Rated Load Chart is based on actual working radius with the bending of boom attributable to load reflected and is shown with the mass of hook (30kg) included.

Working Range (4 falls)

