



Est. 1983
Celebrating **40 Years**

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MC305CB-3 ECO

(2.98t x 2.5m)

Maeda All Electric Mini Crane

The Maeda MC305CB-3 ECO is an all-new lithium battery electric mini crane.

Zero emissions, digital controls, and ideal for indoor and outdoor lifting up to 2.98t.



 **100% Electric**

2.98t x 2.5m

Technical Specification

Max. lifting capacity	2.98t x 2.5m
Lifting height	12.52m x 790kg
Max. working radius	12.16m x 260kg
Boom length	3.695m - 12.485m
Power source	Battery 110v on-board charger
Weight	3,925kg

Features include

- 7" LMI display
- Variable outriggers
- Rubber tracks
- Remote control
- Low ground pressure
- Optional 850kg /1,500kg searcher hooks



100% Electric battery power



CPCS - A66 Compact Crane A

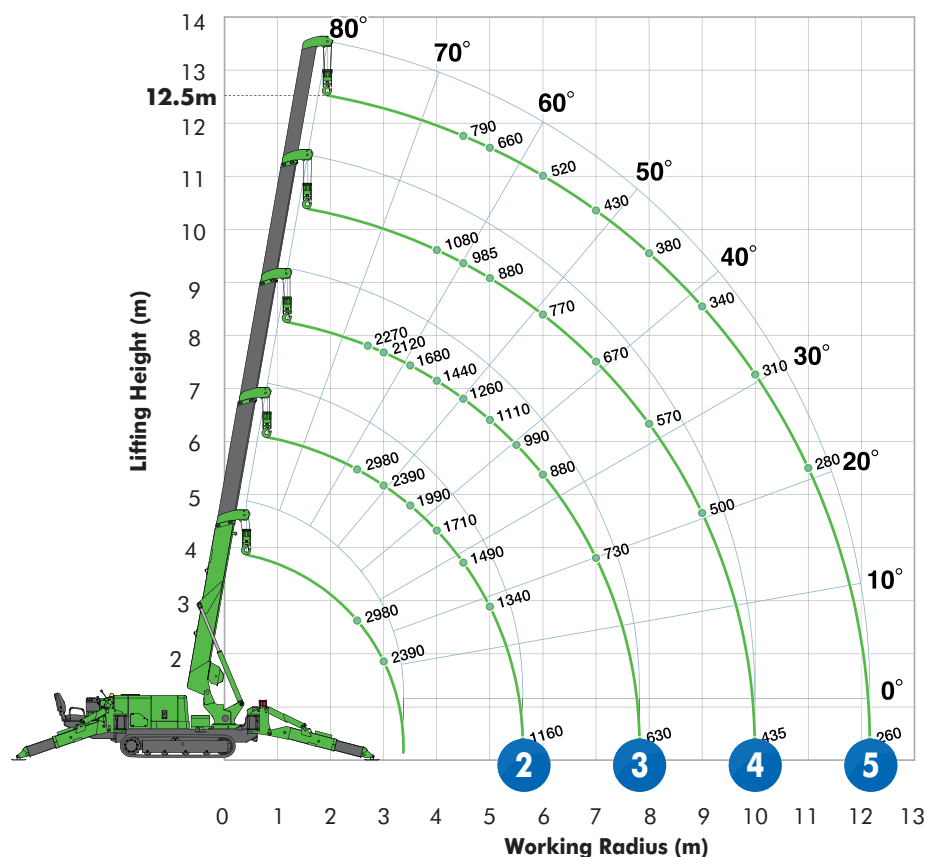


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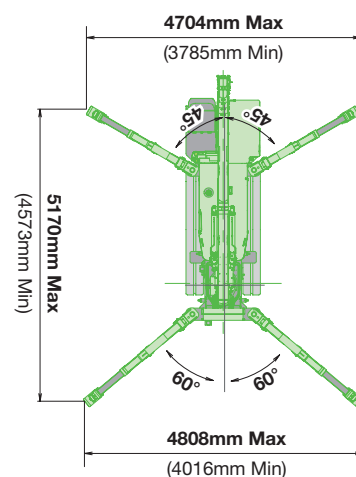
Working Envelope



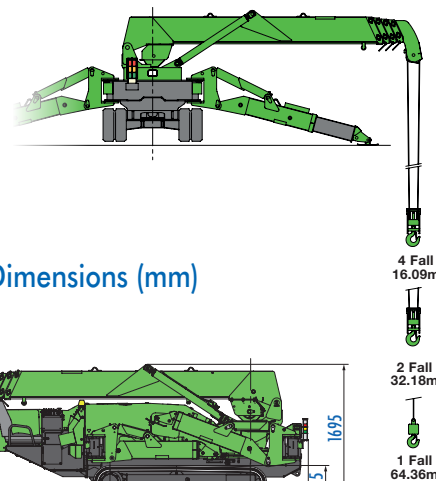
Searcher Hook



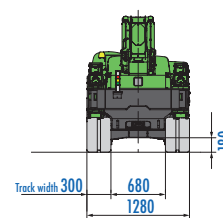
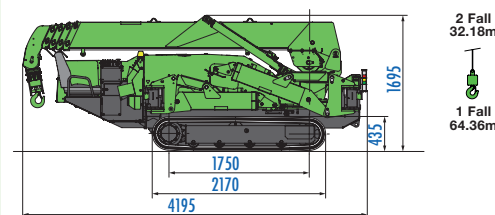
Outrigger Positions



Max. Reach
Below Ground Level



Dimensions (mm)



Rated Loads

2 Second stage extended 3.70 - 5.945m boom length

Working radius		m up to	<2.5	3.0	3.5	4.0	4.5	5.0	5.62
Outrigger	Max-extended	kg	2,980	2,390	1,990	1,710	1,490	1,340	1,160
	Mid-extended	kg	2,980	2,360	1,960	1,680	1,380	1,140	950
	Min-extended	kg	2,980	2,350	1,800	1,430	1,140	950	790

3 Third stage extended 5.945 - 8.145m boom length

Working radius	m up to	2.7	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.82
Outrigger	Max-extended	kg 2,270	2,120	1,680	1,440	1,260	1,100	990	880	730	630
	Mid-extended	kg 2,270	2,090	1,680	1,420	1,240	1,070	950	800	610	520
	Min-extended	kg 2,270	2,090	1,680	1,370	1,120	910	790	670	510	430

4 Fourth stage extended 8.145 - 10.315m boom length

Working radius		m up to	4.0	4.5	5.0	6.0	7.0	8.0	9.0	9.99
Outrigger	Max-extended	kg	1,080	985	880	770	670	570	500	435
	Mid-extended	kg	1,060	950	860	750	630	490	410	350
	Min-extended	kg	1,060	950	860	680	530	420	340	300

5 Fifth stage extended 10.315 - 12.485m boom length

Working radius		m up to	<4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.16
Outrigger	Max-extended	kg	790	660	520	430	380	340	310	280	260
	Mid-extended	kg	780	650	500	410	360	320	290	260	250
	Min-extended	kg	780	650	500	410	360	320	290	240	210

Product specifications are subject to change without notice or obligation.
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Rated Loads (Single Fall)

 **100% Electric**

Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position		
			Max	Mid	Min	Max	Mid	Min	Max	Mid	Min
3.05m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	45	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	0	0	950	950	780	605	605	525	445	445	390
4.86m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	470
		0	1000	1000	1000	605	605	605	445	425	300
	45	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	950	950	730	710	710	625	610	610	470
		0	950	800	510	605	560	390	445	425	300
	0	0	725	540	300	540	410	230	425	325	185
6.67m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	700	605	605	480	445	445	370
	50	90	1000	1000	740	1000	1000	740	1000	1000	740
		85	1000	975	680	1000	935	655	610	610	610
		55	980	670	480	710	550	395	610	460	330
		0	800	555	375	590	410	280	610	320	205
	35	90	900	505	320	900	595	320	900	595	320
		85	850	560	310	820	540	320	610	525	320
		55	630	420	245	530	355	210	455	305	175
		0	510	355	185	400	275	140	325	220	15
	0	0	380	260	105	300	210	80	250	170	55
8.48m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	750	710	710	595	610	610	490
		0	1000	825	570	605	580	380	445	445	300
	55	90	1000	810	535	1000	810	535	1000	810	536
		85	1000	720	495	1000	690	480	610	610	465
		55	770	520	355	640	435	290	545	375	240
		0	630	435	260	480	335	205	385	265	160
	40	90	570	365	205	570	365	205	570	365	205
		85	540	350	185	530	340	180	520	330	180
		55	415	370	130	360	235	115	430	205	90
		0	335	230	90	270	180	70	225	150	/
	0	0	195	100	/	160	90	/	130	70	/
10.22m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	680	680	680	610	610	610
		55	1000	1000	1000	680	680	680	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	845	1000	1000	845	1000	1000	845
		85	1000	1000	775	680	680	680	610	610	610
		55	1000	745	535	680	605	435	610	505	365
		0	850	610	350	590	450	290	445	350	225
	55	90	660	470	300	660	470	300	660	470	300
		85	630	445	290	610	430	280	590	420	370
		55	515	340	205	445	295	180	390	255	145
		0	440	290	135	335	230	80	285	185	/
	45	90	300	190	/	300	190	/	300	190	/
		85	285	180	/	280	175	/	275	165	/
		55	230	140	/	205	120	/	180	105	/
		0	220	120	/	155	95	/	150	75	/
	0	0	75	/	/	60	/	/	45	/	/

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Automatic, stepless variable outriggers allow fast and safe set up in constrained spaces.



Fully proportional wireless radio remote control helps an operator position themselves optimally for sight of the load.



Extra up-and-over lifting capability - can be used lifting onto roofs or mezzanine floors where previously a mobile crane might be needed.

Rated Loads (4 Falls with Main Boom)

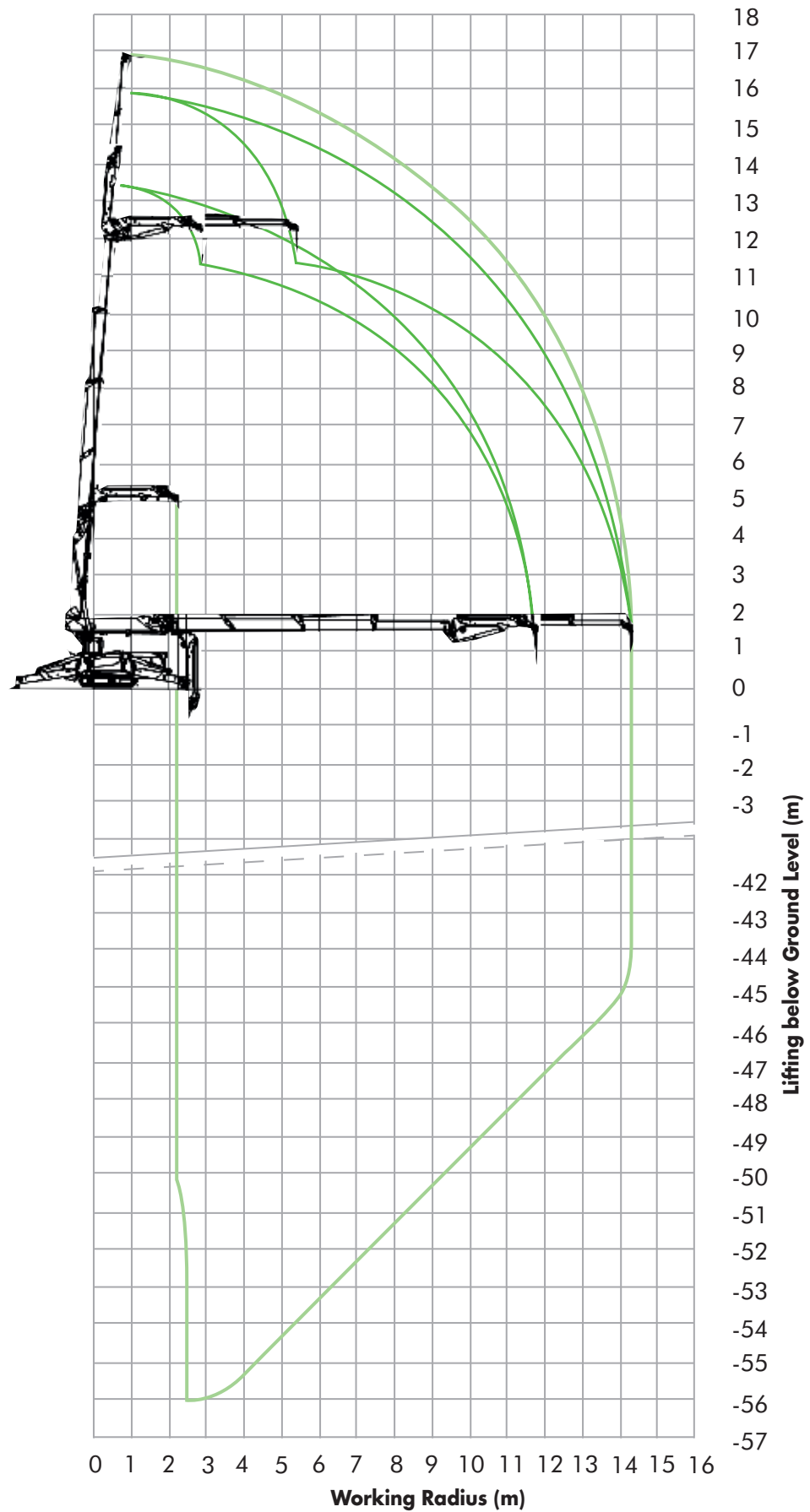
Working Radius (m)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position			2.27m Jib OR Extended Position			3.54m Jib OR Extended Position		
	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min
1	2980	2980	2980	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
1.5	2980	2980	2980	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
1.8	2980	2980	2980	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
2	2865	2865	2865	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
2.19	2715	2715	2715	2570	2570	2570	2380	2380	2165	2000	2000	2000	1450	1450	1450
2.5				2405	2330	1905	2205	2140	1875	2000	2000	1670	1450	1450	1450
3				2030	2000	1515	1940	1805	1510	1755	1645	1295	1450	1450	1125
3.5				1735	1720	1265	1705	1525	1225	1545	1380	1045	1450	1210	910
4				1500	1490	1085	1490	1290	1005	1360	1165	860	1255	1025	750
4.5							1300	1085	820	1200	990	720	1100	880	630
5							1130	905	670	1060	850	610	965	760	535
5.5							975	750	545	930	725	525	850	660	460
5.81							885	665	480	860	660	475	790	605	420
6										815	625	450	755	575	395
6.5										710	535	390	670	500	345
7										620	455	335	595	440	300
7.5										530	390	290	525	385	260
7.62										510	375	285	510	370	250
8													470	335	230
8.5													415	290	200
9													365	255	170
9.3													340	230	160
9.43													330	225	155



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Max. Reach Below Ground Level



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Central
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0203 174 0658

Rated Loads (Fixed Hook)

 **100% Electric**

Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position		
			Max Mid Min			Max Mid Min			Max Mid Min		
			Max	Mid	Min	Max	Mid	Min	Max	Mid	Min
3.05m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	45	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	0	0	950	950	780	605	605	525	445	445	390
4.86m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	65	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	45	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	625	610	610	470
		0	950	800	510	605	560	390	445	425	300
	0	0	725	540	300	540	410	230	425	325	185
6.67m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	67	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	700	605	605	480	445	445	370
	50	90	950	950	740	950	950	740	950	950	740
		85	950	975	680	950	935	655	610	610	610
		55	950	670	480	710	550	395	610	460	330
		0	800	555	375	590	410	280	445	320	205
	35	90	900	595	320	900	595	320	900	595	320
		85	850	560	310	820	540	320	610	525	320
		55	630	420	245	530	355	210	455	305	175
		0	510	355	185	400	275	140	325	220	115
	0	0	380	260	105	300	210	80	250	170	55
8.48m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	67	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	750	710	710	595	610	610	490
		0	950	825	750	605	580	380	44	445	300
	55	90	950	810	535	950	810	525	950	810	535
		85	950	720	495	950	690	480	610	610	465
		55	770	520	355	640	435	290	545	375	240
		0	630	435	260	480	335	205	385	265	160
	40	90	570	365	205	570	365	205	570	265	160
		85	540	350	185	530	340	180	520	330	205
		55	415	270	130	360	235	115	320	205	180
		0	335	230	90	270	180	70	225	150	90
	0	0	195	100	/	160	90	/	130	70	/
10.29m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	680	680	680	610	610	610
		55	950	950	950	680	680	680	510	610	610
		0	950	950	950	605	605	605	445	445	445
	67	90	950	950	845	950	950	845	950	950	845
		85	950	950	775	680	680	680	610	610	610
		55	950	950	535	680	605	435	610	505	265
		0	850	745	350	590	450	290	445	350	225
	55	90	660	610	300	660	470	300	660	470	300
		85	630	470	290	610	430	280	590	420	270
		55	515	340	205	445	295	180	390	255	145
		0	440	290	135	335	230	80	285	185	/
	45	90	300	190	/	400	190	/	300	190	/
		85	285	180	/	380	175	/	275	165	/
		55	230	140	/	205	120	/	180	105	/
		0	220	120	/	155	95	/	150	75	/
	0	0	75	/	/	60	/	/	45	/	/

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