

HIRD

Est. 1983
Celebrating 40 Years

MK3053C ECO

(2.98t x 1.8m)

Maeda All Electric Mini Crane

www.hird.co.uk

The Maeda MK3053C ECO is one of a new generation of all-electric mini cranes available from Hird.

Automatic & Stepless multi outrigger setting allows operations in confined spaces like never before. Including the new Negative Angle Jib offering a wider working envelope which can be detached for standard fixed boom operations. Lithium-ion batteries which can be charged whilst in use allows a full working day with no compromises in output for your work teams.



 **100% Electric**

Radio Remote Control

2.98t x 1.8m

Technical Specification

Max. lifting capacity	Main Boom	2.98t x 1.8m
	Jib	1.0t x 5.2m
Lifting height	Main Boom	12m
	Jib	16.95m
Max. working radius	Main Boom	9.4m
	Jib	14.3m
Boom length	Main Boom	3.1m - 10.3m
	Jib	2.3m - 4.8m
Power source	110v on-board charger	Battery
Weight		2,900kg

Features include

- 7" LMI display
- 2 position jib head
- Variable track positions
- Variable outriggers
- Radio remote control
- Low ground pressure
- Negative angle jib



Variable track positions



CPCS - A66 Compact Crane A

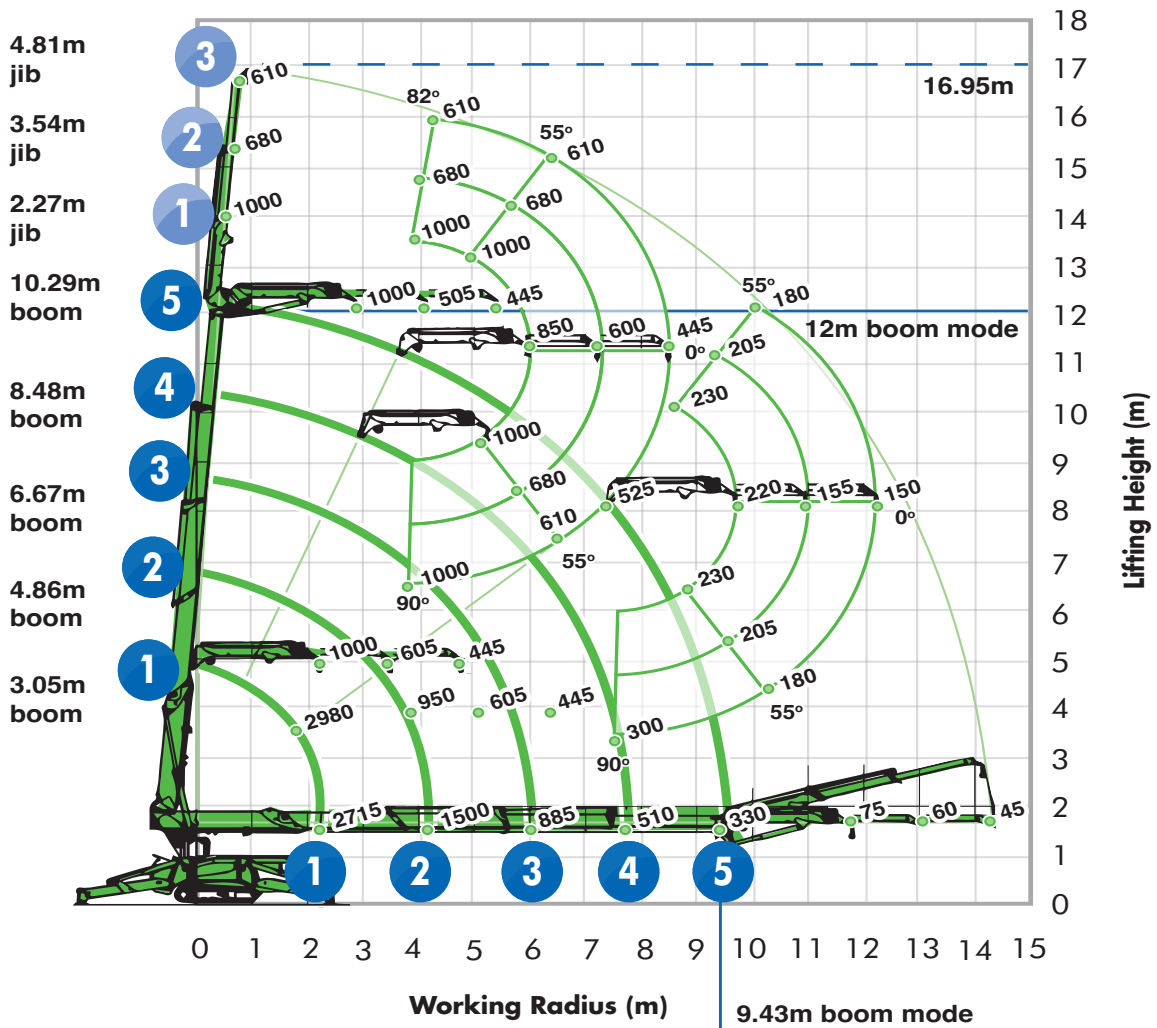


Northern
01482 227333

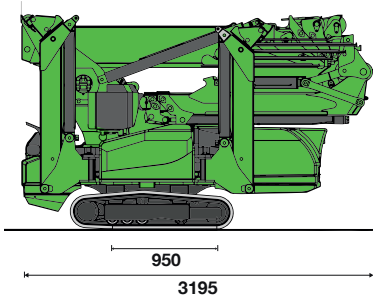
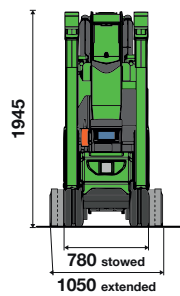
Central
01302 341659

Southern
0203 174 0658

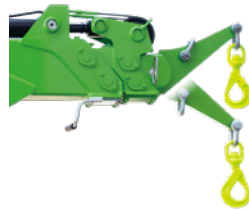
Working Envelope



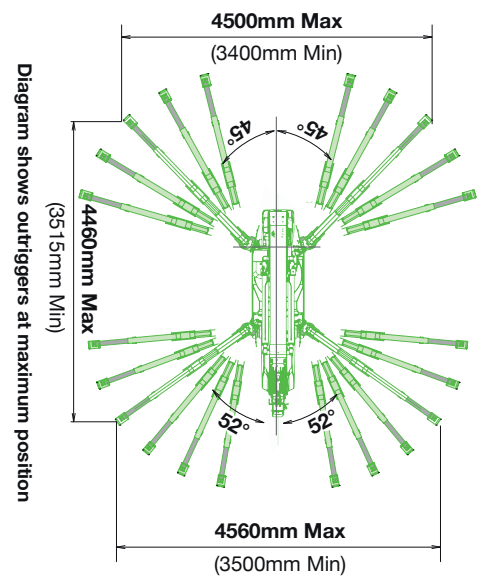
Dimensions (mm)



Jib Head



Outrigger Positions



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Rated Loads (Single Fall)



Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position			Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			2254.81m 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	1000	1000	1000	1000	1000	1000				1000	1000	1000	8.48m Boom	85	90	1000	1000	1000	1000	1000
85	1000	1000			1000	1000	1000	1000	610	610	610	90	1000	1000	1000	1000	1000			1000	1000	1000	1000		
55	1000	1000			1000	710	710	710	610	610	610	85	1000	1000	1000	1000	1000			1000	610	610	610		
0	1000	1000			1000	605	605	605	445	445	445	55	1000	1000	1000	710	710			710	610	610	610		
45	90	1000		1000	1000	1000	1000	1000	1000	1000	1000	67	90	1000	1000	1000	1000		1000	1000	1000	1000	1000		
	85	1000		1000	1000	1000	1000	1000	610	610	610		85	1000	1000	1000	1000		1000	1000	610	610	610		
	55	950		950	950	710	710	710	610	610	610		55	1000	1000	750	710		710	595	610	610	490		
	0	950		950	950	605	605	605	445	445	445		0	1000	825	570	605		580	380	445	445	300		
0	0	950		950	780	605	605	525	445	445	390	90	1000	810	535	1000	810		535	1000	810	536			
4.86m Boom	85	90		1000	1000	1000	1000	1000	1000	1000	1000	1000	10.29m Boom	85	90	1000	1000		1000	1000	1000	1000	1000	1000	1000
		85		1000	1000	1000	1000	1000	1000	610	610	610			85	1000	1000		1000	680	680	680	610	610	610
		55		1000	1000	1000	710	710	710	610	610	610			55	1000	1000		1000	680	680	680	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445	0			1000	1000	1000	605	605	605	445	445	445		
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000	40		90	570	365	205	570	365	205	570	365	205		
		85	1000	1000	1000	1000	1000	1000	610	610	610			85	540	350	185	530	340	180	520	330	180		
		55	1000	1000	1000	710	710	710	610	610	470			55	415	370	130	360	235	115	430	205	90		
		0	1000	1000	1000	605	605	605	445	425	300			0	335	230	90	270	180	70	225	150	/		
	45	90	1000	1000	1000	1000	1000	1000	1000	1000	1000	0		0	195	100	/	160	90	/	130	70	/		
		85	1000	1000	1000	1000	1000	1000	610	610	610			90	1000	1000	1000	1000	1000	1000	1000	1000	1000		
		55	950	950	730	710	710	625	610	610	470			85	1000	1000	1000	680	680	680	610	610	610		
		0	950	800	510	605	560	390	445	425	300			55	1000	1000	1000	680	680	680	610	610	610		
0	0	725	540	300	540	410	230	425	325	185	90	1000	1000	1000	1000	1000	845	1000	1000	845					
6.67m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000	45	90	300	190	/	300	190	/	300	190	/			
		85	1000	1000	1000	1000	1000	1000	610	610	610		85	285	180	/	280	175	/	275	165	/			
		55	1000	1000	1000	710	710	710	610	610	610		55	230	140	/	205	120	/	180	105	/			
		0	1000	1000	1000	605	605	605	445	445	445		0	220	120	/	155	95	/	150	75	/			
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000		55	90	660	470	300	660	470	300	660	470	300		
		85	1000	1000	1000	1000	1000	1000	610	610	610			85	630	445	290	610	430	280	590	420	370		
		55	1000	1000	1000	710	710	710	610	610	610			55	515	340	205	445	295	180	390	255	145		
		0	1000	1000	700	605	605	480	445	445	370			0	440	290	135	335	230	80	285	185	/		
	50	90	1000	1000	740	1000	1000	740	1000	1000	740		45	90	300	190	/	300	190	/	300	190	/		
		85	1000	975	680	1000	935	655	610	610	610			85	285	180	/	280	175	/	275	165	/		
		55	980	670	480	710	550	395	610	460	330			55	230	140	/	205	120	/	180	105	/		
		0	800	555	375	590	410	280	610	320	205			0	220	120	/	155	95	/	150	75	/		
35	90	900	505	320	900	595	320	900	595	320	0	0	75	/	/	60	/	/	45	/	/				
	85	850	560	310	820	540	320	610	525	320		90	300	190	/	300	190	/	300	190	/				
	55	630	420	245	530	355	210	455	305	175		85	285	180	/	280	175	/	275	165	/				
	0	510	355	185	400	275	140	325	220	15		55	230	140	/	205	120	/	180	105	/				
0	0	380	260	105	300	210	80	250	170	55	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)

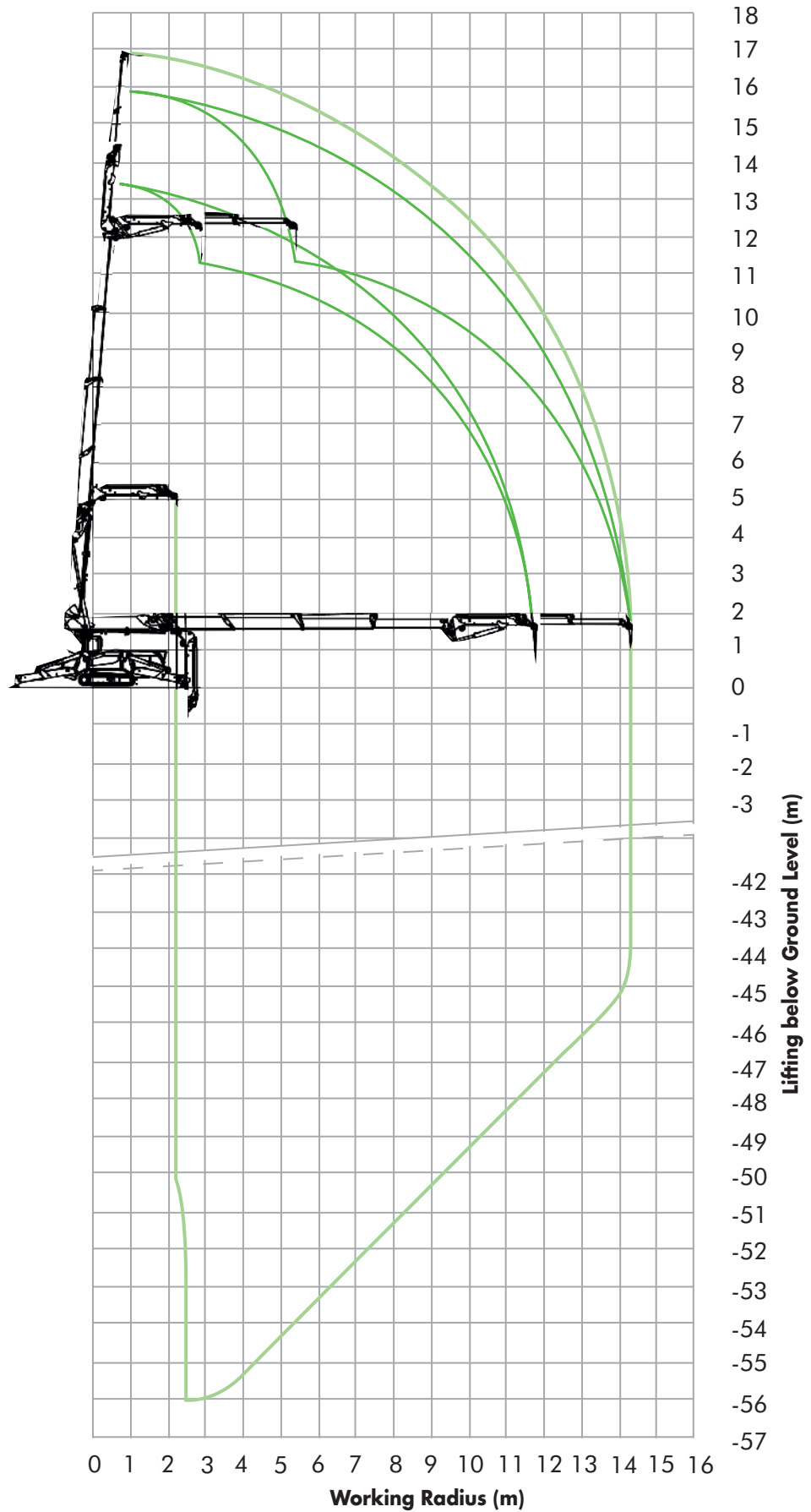
Working Radius (m)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position			2.27m Jib OR Extended Position			3.54m Jib OR Extended Position		
	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min
1	2980	2980	2980	2570	2570	2570	2380	2380	2380	2000	2000	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



Northern
01482 227333

Central
01302 341659

Southern
0203 174 0658

Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position			Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			2254.81m 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	90	950	950	950	950	950
85	950	950			950	950	950	950	610	610	610	85	950	950	950	950	950		950	610	610	610		
55	950	950			950	710	710	710	610	610	610	55	950	950	950	710	710		710	610	610	610		
0	950	950			950	605	605	605	445	445	445	0	950	950	950	605	605		605	445	445	445		
45	90	950		950	950	950	950	950	950	950	950	67	90	950	950	950	950	950	950	950	950	950	950	
	85	950		950	950	950	950	950	610	610	610		85	950	950	950	950	950	950	610	610	610		
	55	950		950	950	710	710	710	610	610	610		55	950	950	750	710	710	595	610	610	490		
	0	950		950	950	605	605	605	445	445	445		0	950	825	750	605	580	380	44	445	300		
0	0	950		950	780	605	605	525	445	445	390	8.48m Boom	90	950	810	535	950	810	525	950	810	535		
4.86m Boom	85	90		950	950	950	950	950	950	950	950		55	90	950	720	495	950	690	480	610	610	465	
		85		950	950	950	950	950	950	610	610			610	85	950	720	495	950	690	480	610	610	465
		55		950	950	950	710	710	710	610	610			610	55	770	520	355	640	435	290	545	375	240
		0	950	950	950	605	605	605	445	445	445			0	630	435	260	480	335	205	385	265	160	
	65	90	950	950	950	950	950	950	950	950	950		40	90	570	365	205	570	365	205	570	265	160	
		85	950	950	950	950	950	950	610	610	610			85	540	350	185	530	340	180	520	330	205	
		55	950	950	950	710	710	710	610	610	610			55	415	270	130	360	235	115	320	205	180	
		0	950	950	950	605	605	605	445	445	445			0	335	230	90	270	180	70	225	150	90	
	45	90	950	950	950	950	950	950	950	950	950		0	0	195	100	160	90	130	70				
		85	950	950	950	950	950	950	610	610	610			10.29m Boom	90	950	950	950	950	950	950	950	950	950
		55	950	950	950	710	710	625	610	610	470				85	90	950	950	950	680	680	680	610	610
		0	950	800	510	605	560	390	445	425	300	55				950	950	950	680	680	680	510	610	610
0	725	540	300	540	410	230	425	325	185	0	950	950	950			605	605	605	445	445	445			
6.67m Boom	85	90	950	950	950	950	950	950	950	950	67	90	950			950	845	950	950	845	950	950	845	
		85	950	950	950	950	950	950	610	610		610	85		950	950	775	680	680	680	610	610	610	
		55	950	950	950	710	710	710	610	610		610	55		950	950	535	680	605	435	610	505	265	
		0	950	950	950	605	605	605	445	445		445	0		850	745	350	590	450	290	445	350	225	
	67	90	950	950	950	950	950	950	950	950	950	55	90		660	610	300	660	470	300	660	470	300	
		85	950	950	950	950	950	950	610	610	610		85		630	470	290	610	430	280	590	420	270	
		55	950	950	950	710	710	710	610	610	610		55		515	340	205	445	295	180	390	255	145	
		0	950	950	700	605	605	480	445	445	370		0		440	290	135	335	230	80	285	185		
	50	90	950	950	740	950	950	740	950	950	740	45	90	300	190	400	190	300	190					
		85	950	975	680	950	935	655	610	610	610		85	285	180	380	175	275	165					
		55	950	670	480	710	550	395	610	460	330		55	230	140	205	120	180	105					
		0	800	555	375	590	410	280	445	320	205		0	220	120	155	95	150	75					
35	90	900	595	320	900	595	320	900	595	320	0	0	75	60	45									
	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														

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