

Manitowoc Cranes

Regional headquarters

Americas
Manitowoc, Wisconsin, USA
 Tel: +1 920 684 6621
 Fax: +1 920 683 6277

Europe, Middle East, Africa
Ecully, France
 Tel: +33 472 18 20 20
 Fax: +33 472 18 20 00

Shady Grove, Pennsylvania, USA
 Tel: +1 717 597 8121
 Fax: +1 717 597 4062

China
Shanghai, China
 Tel: +86 21 6457 0066
 Fax: +86 21 6457 4955

Greater Asia-Pacific
Singapore
 Tel: +65 6264 1188
 Fax: +65 6862 4040

Regional offices

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 Alphaville

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 Monterrey

Chile
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France
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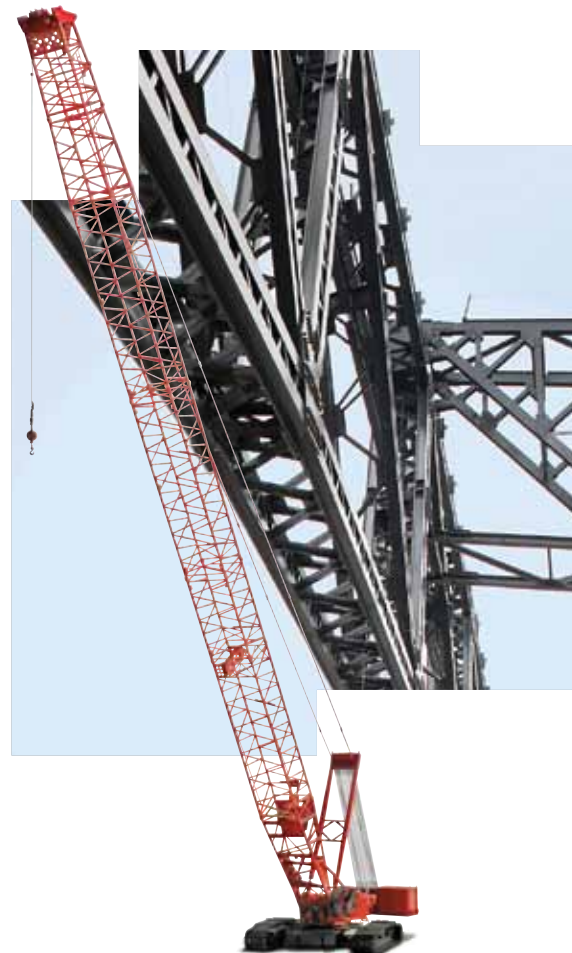
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Manitowoc crane range

Pocket Guide



MAX-ER®

Model	Capacity	Main boom	Long reach boom	Fixed jib	Luffing jib	Fixed jib extension
2250	500 USt	360 ft	400 ft	380 ft + 120 ft	300 ft + 240 ft	300 ft + 200 ft + 120 ft
	450 t	109,7 m	121,9 m	115,8 m + 36,6 m	91,4 m + 73,2 m	91,4 m + 61 m + 36,6 m
16000	419 USt	394 ft	–	–	315.0 ft + 275.6 ft	–
	380 t	120,0 m	–	–	96 m + 84 m	–
18000	826 USt	440 ft	–	340 ft + 110 ft	300 ft + 310 ft	–
	750 t	134,1 m	–	103,7 m + 33,5 m	91,4 m + 94,5 m	–
21000	1000 USt	380 ft	–	–	340 ft + 300 ft	–
	907 t	115,8 m	–	–	103,6 m + 91,4 m	–



2250 MAX-ER



16000 MAX-ER



18000 MAX-ER



21000 MAX-ER

This document is non-contractual. Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment and price changes without notice. Illustrations shown may include optional equipment and accessories and may not include all standard equipment.



Crawler

Model	Capacity	Load moment	Engine	Main boom	Long reach boom	Fixed jib	Luffing jib	Fixed jib extension	Clamshell capacity	Standard line pull / line speed	Optional line pull / line speed	Model
8000-1	80 USt	2,037 ft-kips	285 Hp	200 ft	–	180 ft + 60 ft	–	–	16,000 lb	17,000 lb / 525 fpm	–	8000-1
	73 t	281 tonne-m	213 kW	61,0 m	–	54,9 m + 18,3 m	–	–	7 260 kg	76 kN / 160 m/min	–	
8500-1	85 USt	2,041 ft-kips	285 Hp	200 ft	–	190 ft + 60 ft	–	–	16,000 lb	17,000 lb / 525 fpm	–	8500-1
	80 t	282 tonne-m	213 kW	61,0 m	–	57,9 m + 18,3 m	–	–	7 260 kg	76 kN / 160 m/min	–	
8500E-1*	80 t	292 tonne-m	213 kW	54,9 m	–	42,7 m + 18,3 m	–	–	7 300 kg	78 kN / 160 m/min	–	8500E-1
10000E-1*	90 t	363 tonne-m	213 kW	61,0 m	–	51,8 m + 18,3 m	–	–	10 000 kg	112 kN / 163 m/min	–	10000E-1
10000A-1	100 USt	2,669 ft-kips	285 Hp	200 ft	–	190 ft + 60 ft	–	–	22,000 lb	25,200 lb / 535 fpm	–	10000A-1
10000B-1	100 USt	2,880 ft-kips	285 Hp	230 ft	–	200 ft + 70 ft	130 ft + 170ft	–	25,000 lb	25,200 lb / 535 fpm	–	10000B-1
11000-1	110 USt	2,670 ft-kips	285 Hp	200 ft	–	190 ft + 60 ft	–	–	22,000 lb	25,200 lb / 535 fpm	–	11000-1
	100 t	368 tonne-m	213 kW	61,0 m	–	57,9 m + 18,3 m	–	–	9 980 kg	113 kN / 163 m/min	–	
12000-1	120 USt	2,880 ft-kips	285 Hp	230 ft	–	200 ft + 70 ft	130 ft + 170 ft	–	25,000 lb	25,200 lb / 535 fpm	–	12000-1
	110 t	397 tonne-m	213 kW	70,1 m	–	61 m + 21,3 m	–	–	11 340 kg	113 kN / 163 m/min	–	
12000E-1*	110 t	396 tonne-m	213 kW	70,1 m	–	61 m + 21,3 m	–	–	10 000 kg	108 kN / 163 m/min	–	12000E-1
	777	200 USt	4,831 ft-kips	340 Hp	270 ft	–	220 ft + 80 ft	180 ft + 170 ft	180 ft + 170 ft + 60 ft	29,500 lb	44,000 lb / 442 fpm	
14000	181 t	668 tonne-m	253 kW	82,3 m	–	67,1 m + 24,4 m	54,9 m + 51,8 m	54,9 m + 51,8 m + 18,3 m	13 380 kg	196 kN / 135 m/min	131 kN / 205 m/min	777
	200 t	865 tonne-m	253 kW	89,0 m	–	74 m + 24,4 m	59 m + 51,8 m	–	–	31,500 lb / 460 fpm	–	14000
999	275 USt	8,268 ft-kips	400 Hp	290 ft	340 ft	300 ft + 80 ft	180 ft + 240 ft	190 ft + 210 ft + 80 ft	29,500 lb	29,500 lb / 440 fpm	–	999
	250 t	1150 tonne-m	298 kW	88,4 m	103,6 m	91,4 m + 24,4 m	54,9 m + 73,2 ft	57,9 m + 64 m + 24,4 m	13 381 kg	131 kN / 134 m/min	–	
2250	300 USt	12,294 ft-kips	500 Hp	300 ft	330 ft	250 ft + 120 ft	200 ft + 200 ft	200 ft + 200 ft + 120 ft	40,000 lb	30,000 lb / 541 fpm	–	2250
	272 t	1700 tonne-m	372 kW	91,4 m	100,6 m	76,2 m + 36,6 m	61 m + 61 m	61 m + 61 m + 36,6 m	18 100 kg	133 kN / 165 m/min	–	
16000	440 USt	18,800 ft-kips	500 Hp	315 ft	–	216.5 ft + 130 ft	177.2 ft + 275.6 ft	–	–	35,000 lb / 697 fpm	–	16000
	400 t	2 599 tonne-m	372 kW	96,0 m	–	66 m + 39,6 m	54 m + 84 m	–	–	155 kN / 212 m/min	–	
16000 WA	440 USt	18,800 ft-kips	500 Hp	315 ft	–	–	–	–	–	35,000 lb / 697 fpm	–	16000 WA
	400 t	2 599 tonne-m	372 kW	96,0 m	–	–	–	–	–	155 kN / 212 m/min	–	
18000	660 USt	32,868 ft-kips	600 Hp	320 ft	400 ft	200 ft + 90 ft	280 ft + 240 ft	–	–	48,000 lb / 542 fpm	–	18000
	600 t	4 544 tonne-m	447 kW	97,5 m	121,9 m	60,0 m + 27,4 m	85,3 m + 73,2 m	–	–	217 kN / 165 m/min	–	
21000	834 USt	38,920 ft-kips	600 Hp	360 ft	400 ft	–	340 ft + 300 ft	–	–	48,000 lb / 529 fpm	–	21000
	756 t	5 381 tonne-m	447 kW	109,7 m	121,9 m	–	103,6 m + 91,4 m	–	–	217 kN / 161 m/min	–	
31000	2,535 USt	252,100 ft-kips	600 Hp	344 ft	452 ft	262.5 ft + 137.8 ft	312 m + 374 ft	–	–	110,230 lb / 546 fpm	–	31000
	2 300 t	34 800 tonne-m	447 kW	105 m	138 m	80 m + 42 m	95 m + 114 m	–	–	490 kN / 139 m/min	–	

Note: All information related to boom lengths, capacities and other specifications are based on ANSI B30.5 calculations. Models marked with an asterisk (*) are based on EN 13000.



8500-1



11000-1



12000-1



777



14000



999



2250



16000



18000



21000



31000