

Regional headquarters

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

Europe, Middle East, Africa
Dardilly, France - TOWERS
Tel: +33 (0)4 72 18 20 20
Fax: +33 (0)4 72 18 20 00

China
Shanghai, China
Tel: +86 21 6457 0066
Fax: +86 21 6457 4955
- Shady Grove, Pennsylvania, USA**
Tel: +1 717 597 8121
Fax: +1 717 597 4062

Wilhelmshaven, Germany - MOBILE
Tel: +49 (0) 4421 294 0
Fax: +49 (0) 4421 294 4301

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

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Manitowoc crane range
Pocket guide



Capacity enhancing attachment

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



2250 MAX-ER



16000 MAX-ER



18000 MAX-ER



MLC650 VPC-MAX

VPC-MAX™					
Model	Capacity	Main boom	Long reach boom	Fixed jib	Luffing jib
MLC300	330 USt 300 t	394 ft 120 m	—	— 92,0 m + 42,0 m	295.3 ft + 315.0 ft 90 m + 96 m
MLC650	770 USt 700 t	459 ft 140 m	—	— 146,0 m + 36,0 m	341 ft + 331 ft 104 m + 101 m

3.5 M WIDE BOOM KIT WITH VPC-MAX™

					
Model	Capacity	Main boom	Long reach boom	Fixed jib combination	Luffing jib max combination
NEW MLC300	287 USt 260 t	394 ft 120 m	—	—	276 ft + 276 ft 84 m + 84 m
NEW MLC650	661 USt 600 t	479 ft 146 m	—	—	321 ft + 331 ft 98 m + 101 m

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	2037 ft-kips	285 Hp	200 ft	–	180 ft + 60 ft	–	–	16000 lb	17000 lb / 525 fpm	–	8000-1
	73 t	281 tonne-m	213 kW	61,0 m	–	54,9 m + 18,3 m	–	–	7260 kg	76 kN / 160 m/min	–	
8500-1	85 USt	2041 ft-kips	285 Hp	200 ft	–	190 ft + 60 ft	–	–	16000 lb	17000 lb / 525 fpm	–	8500-1
	80 t	282 tonne-m	213 kW	61,0 m	–	57,9 m + 18,3 m	–	–	7260 kg	76 kN / 160 m/min	–	
8500E-1*	80 t	292 tonne-m	213 kW	54,9 m	–	42,7 m + 18,3 m	–	–	7300 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	2669 ft-kips	285 Hp	200 ft	–	190 ft + 60 ft	–	–	22000 lb	25200 lb / 535 fpm	–	10000A-1
10000B-1	100 USt	2880 ft-kips	285 Hp	230 ft	–	200 ft + 70 ft	130 ft + 170ft	–	25000 lb	25200 lb / 535 fpm	–	10000B-1
11000-1	110 USt	2670 ft-kips	285 Hp	200 ft	–	190 ft + 60 ft	–	–	22000 lb	25200 lb / 535 fpm	–	11000-1
	100 t	368 tonne-m	213 kW	61,0 m	–	57,9 m + 18,3 m	–	–	9980 kg	113 kN / 163 m/min	–	
12000-1	120 USt	2880 ft-kips	285 Hp	230 ft	–	200 ft + 70 ft	130 ft + 170 ft	–	25000 lb	25200 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	–	–	10000 kg	108 kN / 163 m/min	–	12000E-1
MLC165-1	182 USt	5430 ft-kips	300 Hp	275 ft	–	226 ft + 80 ft	167 ft + 170 ft	–	–	27560 lb / 440 fpm	–	MLC165-1
	165 t	760 tonne-m	239 kW	84,0 m	–	69 m + 24,4 m	51 m + 51,8 m	–	–	122 kN / 135 m/min	–	
14000	220 USt	6267 ft-kips	340 Hp	292 ft	–	243 ft + 80 ft	193.6 ft + 170 ft	–	–	31500 lb / 460 fpm	–	14000
	200 t	865 tonne-m	253 kW	89,0 m	–	74 m + 24,4 m	59 m + 51,8 m	–	–	140 kN / 140 m/min	–	
999	275 USt	8268 ft-kips	400 Hp	290 ft	340 ft	300 ft + 80 ft	180 ft + 240 ft	190 ft + 210 ft + 80 ft	29500 lb	29500 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	40000 lb	30000 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	–	
MLC300	386 USt	15,515 ft-kips	450 Hp	335 ft	–	276 ft + 138 ft	177 ft + 315 ft	–	–	36760 lb / 536 fpm	–	MLC300
	350 t	2145 tonne-m	336 kW	102 m	–	84 m + 42 m	54 m + 96 m	–	–	163 kN / 163 m/min	–	
16000	440 USt	18,800 ft-kips	500 Hp	315 ft	–	216.5 ft + 130 ft	177.2 ft + 275.6 ft	–	–	35000 lb / 697 fpm	–	16000
	400 t	2599 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	–	–	–	–	–	35000 lb / 697 fpm	–	16000 WA
	400 t	2599 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	–	–	48000 lb / 542 fpm	–	18000
	600 t	4544 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	–	
MLC650	716 USt	29,796 ft-kips	600 Hp	341 ft	–	302 ft + 138 ft	184 ft + 331 ft	–	–	48800 lb / 563 fpm	–	MLC650
	650 t	4119 tonne-m	447 kW	104 m	–	92,0 m + 42,0 m	56 m + 101 m	–	–	217 kN / 171 m/min	–	
31000	2535 USt	252,100 ft-kips	600 Hp	344 ft	452 ft	262.5 ft + 137.8 ft	312 m + 374 ft	–	–	110230 lb / 546 fpm	–	31000
	2300 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 ASME B30.5 calculations. Models marked with an asterisk (*) are based on EN 13000.

