

**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**

Model	Capacity	Main boom	Long reach boom	Fixed jib	Luffing jib	Fixed jib extension
<b>2250</b>	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
<b>16000</b>	419 USt	394 ft	–	–	315.0 ft + 275.6 ft	–
	380 t	120,0 m	–	–	96 m + 84 m	–
<b>18000</b>	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	–














2250 MAX-ER      16000 MAX-ER      18000 MAX-ER      MLC650 VPC-MAX

Model	Capacity	Main boom	Long reach boom	Fixed jib	Luffing jib
<b>MLC300</b>	330 USt	394 ft	–	–	295.3 ft + 315.0 ft
	300 t	120 m	–	92,0 m + 42,0 m	90 m + 96 m
<b>MLC650</b>	770 USt	459 ft	–	–	341 ft + 331 ft
	700 t	140 m	–	146,0 m + 36,0 m	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
<b>NEW</b> MLC300	287 USt	394 ft	–	–	276 ft + 276 ft
	260 t	120 m	–	–	84 m + 84 m
<b>NEW</b> MLC650	661 USt	479 ft	–	–	321 ft + 331 ft
	600 t	146 m	–	–	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.



8500-1



11000-1



12000-1



MLC165-1



14000



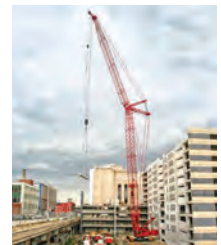
999



2250



MLC300



16000



18000



MLC650



31000