

Crane Weights

MLC100A-1

Note: Weights may fluctuate $\pm 3\%$ due to manufacturing tolerances

	Weight	
	Kilograms	Pounds
LIFTCRANE:		
Upperworks (Tier 4, 300 HP Cummins QSB6.7) and lowerworks complete, load hoist drum (Drum 1) with 177 m (581 ft) of rope and load hoist drum (Drum 2) with 214 m (702 ft) of rope, counterweight tray and boxes, 4,39 m (14.4 ft) gantry, backhitch, boom hoist (Drum 4) with 112 m (368 ft) of rope.		
-with fully rigged 16,0 m (52.5 ft) Boom No. B10:290 with boom pendants, upper boom point, 75 t (82.7 T) block, 12.5 t (13.8T) hook and weight ball.		
MLC100A-1 SERIES 1	65 131	143,590
MLC100A-1 SERIES 2	88 138	194,310
UPPERWORKS WITH CARBODY:		
Carbody, upperworks with Drum 1 and Drum 2, Tier 4, 300 HP Cummins engine, operator's cab, gantry, backhitch, equalizer, boom hoist drum and rope, boom butt, boom stops, and maximum length load hoist lines	25 655	56,560
CRAWLERS:		
6,48 m (21.3 ft) crawler assembly with 900 mm (35.4 in.) wide crawler pads (each)	7 766	17,120
Set of fifty-five 900 mm (35.4 in.) wide crawler pads and pins	3 175	7,000
COUNTERWEIGHT - UPPER:		
Counterweight tray	8 107	17,873
Counterweight box (each) (2 on SERIES 1, 4 on SERIES 2)	6 254	13,787
Total upperworks counterweight:		
MLC100A-1 SERIES 1	20 614	45,447
MLC100A-1 SERIES 2	33 122	73,021
COUNTERWEIGHT - LOWER:		
Carbody Counterweight box (each) (2 on SERIES 2)	5 250	11,574
UPPERWORKS OPTIONS:		
Free Fall prep	85	188
Free Fall Drum 1 (additional weight)	543	1,198
Free Fall Drum 2 (additional weight)	543	1,198
Drum 3 without rope	882	1,945
160 m (525 ft) of 22,0 mm (0.87 in.) wire rope - 2,4 kg/m (1.6 lb/ft)	381	840
Cold Weather Package	20	43
Rotating Bed light assembly	53	117
ESI AC common	11	25
5kW Generator	242	533
ENGINE OPTIONS:		
Tier 3, 275 HP Cummins QSB6.7	975	2,150
Tier 4, 300 HP Cummins QSB6.7	1 445	3,186
BOOM NO. 290:		
7,0 m (23.0 ft) butt assembly	1 443	3,181
Boom stop (each)	351	775
3,0 m (9.8 ft) insert	303	668
6,0 m (19.7 ft) insert	522	1,151
12,0 m (39.4 ft) insert	969	2,136
6,0 m (19.7 ft) top assembly with 2 sheave wire rope guide-	1 593	3,512
3rd wire rope guide	44	97
Rope guard	54	119
6,8 m (22.4 ft) basic pendant with top links and pins (each)-	74	164
3,0 m (9.9 ft) pendant (each)	39	87
6,0 m (19.8 ft) pendant (each)	54	118
12,1 m (39.6 ft) pendant (each)	83	182
Equalizer	263	580

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BOOM OPTIONS:		
Upper boom point (one sheave)- - - - -	204	450
100 t (110 T) load block (4 sheave)- - - - -	750	1,653
75 t (82.7 T) load block (3 sheave)- - - - -	705	1,554
25 t (27.6 T) load block (1 sheave)- - - - -	500	1,102
12,5 t (13.8 T) hook and weight ball - - - - -	300	661
FIXED JIB NO. 117:		
4,7 m (15.0 ft) jib butt shipping assembly with strut, stops and hinge pins - - - - -	561	1,236
Jib butt with hinge pins - - - - -	141	311
Jib strut with stops, raising arm, and links- - - - -	420	925
3,0 m (10.0 ft) insert - - - - -	78	171
4,7 m (15.0 ft) top - - - - -	322	709
10,0 m (32.8 ft) basic frontstay pendant (each) - - - - -	22	49
2,7 m (9.0 ft) insert frontstay pendant (each) - - - - -	10	22
9,7 m (31.7 ft) backstay pendant (each) - - - - -	27	60
1,2 m (3.8 ft) offset angle backstay pendant (each) - - - - -	11	25
MISCELLANEOUS COMPONENTS:		
Parts box- - - - -	250	552
Boom Lights - - - - -	155	343
Tagline Assembly (3 barrel Rudomatic) - - - - -	508	1,119