

Crane Weights

MLC165-1

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

	Weight	
	Kilograms	Pounds

LIFTCRANE:

Upperworks (Tier 3, 325 HP Cummins QSL9) and lowerworks complete, carbody jacking, counterweight, 7,2 m (23.6 ft) live mast with mast self-assembly (optional), boom stops and load lines, fully rigged 15,0 m (49.2 ft) Boom No. 74A, upper boom point, 75 t (82.7 T) block, 13,6 t (15 T) hook and weight ball

MLC165-1 SERIES 1 - - - - -	138 215	304,713
MLC165-1 SERIES 2 - - - - -	148 215	326,759

UPPERWORKS MACHINERY MODULE WITH CARBODY:

Carbody, upperworks with two full power drums (Tier 3, 325 HP Cummins QSL9), operator's cab, mast with mast self-assembly (optional), mast hoist wire rope, carbody jacking arrangement (optional), hydraulic reservoir (full), fuel tank (1/2 full), boom stops and maximum length hoist and whip lines - - - - -

34 857	76,847
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CRAWLERS:

7,99 (26.20 ft) crawler assembly (each) with drive, 1 100 mm (43.3 in) treads and steps - - - - -

14 883	32,812
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COUNTERWEIGHT - UPPER:

Tray - - - - -
Counterweight box (each) (6 on SERIES 1, 8 on SERIES 2) - - - - -
Total upperworks counterweight - MLC165-1 SERIES 1 - - - - -
MLC165-1 SERIES 2 - - - - -

16 000	35,274
5 000	11,023
46 000	101,413
56 000	123,459

COUNTERWEIGHT - LOWER:

Carbody counterweight (2 on SERIES 2)- - - - -
Carbody counterweight steps (each)- - - - -
Total lowerworks counterweight - MLC165-1 SERIES 2 - - - - -

10 200	22,488
30	65
20 460	45,106

MAST:

7,2 m (23.6 ft) mast with links - - - - -
Self assembly cylinder- - - - -

2 164	4,771
268	591

UPPERWORKS OPTIONS:

Cold Weather Package - - - - -
Handrail Assembly - - - - -
Hoist Drum Assembly - Front (5.5 gal) (freefall fab) with hydraulic piping - - - - -
Hoist Drum Assembly - Rear (5.5 gal) (freefall fab) with hydraulic piping - - - - -
Rigging Winch Assembly (including hydraulics) (833 ft)- - - - -

36	80
176	388
2 459	5,422
2 458	5,419
176	388

LOWERWORKS OPTIONS:

Carbody Jacking Assembly (including pads) (each) - - - - -

328	724
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ENGINE OPTIONS:

Tier 3, 325HP Cummins QSL assembly - - - - -
Tier 4F, 310HP Cummins QSL9 assembly - - - - -

1 906	4,202
2165	4774

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BOOM NO. 74A:		
6,0 m (19.7 ft) butt with boom stops	2 662	5,869
9,0 m (29.5 ft) top with boom straps, upper and lower point and wire rope guide	2 511	5,536
3,0 m (9.8 ft) insert with boom straps	576	1,270
6,0 m (19.7 ft) insert with boom straps	952	2,099
6,0 m (19.7 ft) insert with aux sheaves and boom straps	1 437	3,169
12,0 m (39.4 ft) insert with boom straps	1 738	3,832
12,0 m (39.4 ft) insert with boom straps(with jib backstay lugs)	1 792	3,951
8,444 m (27.7 ft) basic strap (each)	108	239
3,0 m (9.8 ft) strap (each) (with connector pin)	40	89
6,0 m (19.7 ft) strap (each) (with connector pin)	69	153
12,0 m (39.4 ft) strap (each) (with connector pin)	126	278
Intermediate strut arrangement	222	490
Boom stop (each tube)	230	508
JIB NO. 134:		
4,6 m (15 ft) butt	254	560
4,6 m (15 ft) top (with jib point)	386	851
3,0 m (10 ft) insert	159	350
6,1 m (20 ft) insert	266	586
9,4 m (30.75 ft) basic pendant (each)	53	116
2,9 m (9.5 ft) pendant (each)	29	65
5,8 m (19.0 ft) pendant (each)	39	85
3,8 m (12.5 ft) strut with sheave	302	665
Backstay link (each) attached to strut	11	25
Backstay tie link	5	10
Backstay link (each)	30	67
Backstay spreader	23	50
13,6 m (44.58 ft) backstay pendant (each)	69	152
1,4 m (4.67 ft) backstay pendant (each)	23	50
Backstay link (each) attached to boom insert	9	20
Jib stop assembly	86	190
Wire rope anchor	54	120
LUFFING JIB NO. 135:		
8,2 m (27 ft) butt	1,084	2 390
7,0 m (23 ft) top (with jib point, hand winches, and pendant links)	1,451	3 200
3,0 m (10 ft) insert	263	580
6,1 m (20 ft) insert	445	980
12,2 m (40 ft) insert	814	1 795
20.13 ft (6.1 m) basic pendant (each)	84	185
7,9 m (25.92 ft) basic pendant (each)	91	200
3,1 m (10.08 ft) pendant (each)	59	130
12,3 m (40.25 ft) pendant (each)	118	260
7,9 m (26 ft) jib strut with guide sheaves, luffing sheaves and links	1,994	4 395
6,9 m (22.5 ft) main strut with luffing sheaves and links	1,429	3 150
Backstay beam link attached to main strut	277	610
3,7 m (12.25 ft) basic backstay pendant (each)	66	145
1,0 m (3.25 ft) backstay link (each)	41	90
0,6 m (2 ft) backstay link (each)	29	65
10,5 m (34.58 ft) basic backstay pendant (each)	109	240
3,0 m (10 ft) backstay pendant (each)	59	130
6,0 m (19.7 ft) backstay pendant (each)	79	175
12,0 m (39.6 ft) backstay pendant (each)	118	260
Jib stop assembly	399	880
Main strut stop assembly	118	260
Wire rope guide on jib top	151	333
Wire rope anchor	102	225
Luffing jib hinge pin (each)	11	25
Load sensor	25	56

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BOOM OPTIONS:		
Upper boom point with adapter frame and limit control (single sheave) - - - - -	479	1,056
Auxiliary drum assembly in boom butt - - - - -	1 478	3,259
200 t (220 T) load block (7 sheave) - - - - -	2 472	5,450
100 t (110 T) load block (3 sheave) - - - - -	1 769	3,900
75 t (82.7 T) load block (4 sheave)- - - - -	1,733	3 820
60 t (66 T) load block (2 sheave)- - - - -	921	2 030
30 t (33 T) load block (1 sheave)- - - - -	680	1 500
15 t (16.5T) load block- - - - -	594	1 310
13,6 t (15 T) hook and weight ball - - - - -	597	1,315
WIRE ROPE:		
Mast Hoist		
250 m (820 ft) of 22 mm wire rope - 2,22 kg/m (1.49 lb/ft) - - - - -	555	1,224
Load Lines		
380 m (1,247 ft) of 26 mm wire rope - 3,41 kg/m (2.28 lb/ft)- - - - -	1 296	2,858
Whip Lines		
280 m (918 ft) of 26 mm wire rope - 3,41 kg/m (2.28 lb/ft) - - - - -	1 057	2,331
Auxiliary Line		
190 m (623 ft) of 26 mm wire rope - 3,41 kg/m (2.28 lb/ft) - - - - -	648	1,429

REFERENCE ONLY!