

# Crane Weights

## MLC250

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

**Weight**  
**Kilograms   Pounds**

### LIFTCRANE - BOOM NO. 82A:

Upperworks and lowerworks complete, 1 200 mm (48 in.) crawler treads, counterweight, gantry, back-hitch, mast and full length hoist and whip lines  
-with fully rigged 21,3 m (70.0 ft) Boom No. 82A including upper boom point, 8 sheave lower point, 3 sheave wire rope guide, lower wire rope guide, drum 3, 227 t (250 T) block and 15 t (16.5 T) hook and weight ball.

MLC250 SERIES 0 - - - - -	153 204	337,756
MLC250 SERIES 1 - - - - -	169 079	372,756
MLC250 SERIES 2 - - - - -	204 391	450,605
MLC250 SERIES 3 - - - - -	236 585	521,580

### UPPERWORKS MACHINERY MODULE WITH CARBODY:

Upperworks with standard cab, two full power drums, live mast, gantry, boom hoist rope, Drum 1 with 308 m (1010 ft) of rope, Drum 2 with 495 m (1625 ft) of rope and carbody with jacking arrangement- -

42 788      94,331

### UPPERWORKS OPTIONS:

Free fall Drum 1 (additional weight) - - - - -	395	870
Free fall Drum 2 (additional weight) - - - - -	395	870
Vision cab (additional weight) - - - - -	341	752

### CRAWLERS:

8 585 mm (28 ft 2 in.) crawler assembly with 1 200 mm (48 in.) treads (each)- - - - -	19 210	42,351
Set of sixty 1 200 mm (48 in.) treads and pins - - - - -	8 898	19,616
8 585 mm (28 ft 2 in.) crawler assembly with 1 524 mm (60 in.) treads (each)- - - - -	23 039	50,792
Set of sixty 1 524 mm (60 in.) treads and pins - - - - -	12 726	28,057

### COUNTERWEIGHT - UPPER:

Box - Side (4 on SERIES 0; 6 on SERIES 1; 8 on SERIES 2; 10 on SERIES 3) with pins (each) - - -	7 938	17,500
Box - Center - - - - -	10 659	23,500
Tray - Lower counterweight - - - - -	9 548	21,050
Total upperworks counterweight:		
MLC250 SERIES 0 - - - - -	51 980	114,600
MLC250 SERIES 1 - - - - -	67 860	149,600
MLC250 SERIES 2 - - - - -	83 730	184,600
MLC250 SERIES 3 - - - - -	99 610	219,600

### COUNTERWEIGHT - LOWER:

Outer box (each) - - - - -	8 159	17,988
Inner box (each)- - - - -	9 848	21,711
Total lowerworks counterweight including catwalks:		
MLC250 SERIES 2 - - - - -	19 960	44,000
MLC250 SERIES 3 - - - - -	36 290	80,000

### GANTRY:

3 118 mm (10 ft 2-3/4 in.) Gantry Assembly - - - - -	2 042	4,502
Backhitch cylinders and pins (each) - - - - -	542	1,195

### LIVE MAST:

9 144 mm (30 ft) Mast Assembly- - - - -	2 725	6,007
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<b>BOOM NO. 82A:</b>		
12,2 m (40.0 ft) top with 2 sheave wire rope guide, 8 sheave lower point, catwalks and straps - - - -	5 454	12,023
3rd sheave wire rope guide - - - - -	250	552
12,2 m (40.0 ft) insert with catwalks and straps - - - - -	2 517	5,548
12,2 m (40.0 ft) insert with lug, catwalks and straps - - - - -	2 530	5,578
6,1 m (20.0 ft) insert with lug, catwalks and straps - - - - -	1 397	3,080
3,0 m (10.0 ft) insert with catwalks and straps - - - - -	1 016	2,240
Single sheave wire rope guide - - - - -	200	441
9,1 m (30.0 ft) butt with 3 sheave wire rope guide, boom stops and catwalk - - - - -	4 906	10,815
Auxillary drum without rope - - - - -	1 572	3,466
301 m (990 ft) of hoist rope - - - - -	1 075	2,370
11,5 m (37 ft 7-1/4 in.) basic strap with pins (each) - - - - -	214	471
3,0 m (10 ft) strap with links and pins (each) - - - - -	68	150
6,1 m (20 ft) strap with links and pins (each) - - - - -	117	257
12,2 m (40 ft) strap with links and pins (each) - - - - -	213	470
<b>BOOM OPTIONS:</b>		
Single sheave upper boom point- - - - -	429	946
15 t (16.5 T) overhaul ball - - - - -	595	1,311
41 t (45.2 T) hook block (1 sheave)- - - - -	1 195	2,634
55 t (60.6 T) hook block (2 sheave)- - - - -	1 400	3,086
100 t (110.2 T) hook block (3 sheave) - - - - -	1 850	4,078
150 t (165.3 T) hook block (5 sheave) - - - - -	2 200	4,850
200 t (220.5 T) hook block (7 sheave) - - - - -	2 400	5,291
227 t (250.2 T) hook block (8 sheave) - - - - -	3 654	8,055
<b>FIXED JIB NO. 134:</b>		
4,6 m (15.0 ft) jib butt shipping assembly with strut - - - - -	905	1,995
Jib butt with hinge pins - - - - -	265	584
Jib strut with stops and links - - - - -	302	665
3,0 m (10.0 ft) insert - - - - -	145	320
6,1 m (20.0 ft) insert - - - - -	266	586
4,6 m (15.0 ft) jib top (with jib point) - - - - -	409	902
Backstay link (each) attached to strut - - - - -	11	25
Backstay tie link-- - - - - -	5	10
Backstay link (each) attached to strut - - - - -	30	67
Backstay spreader- - - - -	23	50
13,6 m (44.6 ft) backstay pendant (each) - - - - -	69	152
1,4 m (4.7 ft) backstay pendant (each) - - - - -	23	50
Backstay link (each) attached to boom insert - - - - -	9	20
2,9 m (9.5 ft) pendant (each) - - - - -	29	65
5,8 m (19.0 ft) pendant (each) - - - - -	39	85
Jib stop assembly-- - - - - -	79	175
Wire rope anchor- - - - -	47	103

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### LUFFING JIB NO. 135:

#135 shipping assembly with jib butt, jib strut, and main strut - - - - -	5 208	11,479
8,2 m (27.0 ft) butt - - - - -	1 271	2,801
Luffing jib hinge pin (each) - - - - -	13	28
7,9 m (26.0 ft) jib strut with guide sheaves and luffing sheaves - - - - -	2 103	4,636
6,9 m (22.5 ft) main strut with luffing sheaves and links - - - - -	1 834	4,042
Main strut stop assembly (each) - - - - -	59	130
Backstay beam link attached to main strut - - - - -	277	610
7,0 m (23.0 ft) top with jib point, hand winches, and pendant links- - - - -	1 697	3,741
3,0 m (10.0 ft) insert - - - - -	263	580
6,1 m (20.0 ft) insert - - - - -	445	980
12,2 m (40.0 ft) insert - - - - -	814	1,795
6,1 m (20.1 ft) basic pendant (each) - - - - -	84	185
7,9 m (25.9 ft) basic pendant (each) - - - - -	91	200
3,1 m (10.1 ft) pendant (each) - - - - -	59	130
12,3 m (40.3 ft) pendant (each) - - - - -	118	260
3,7 m (12.3 ft) basic backstay pendant (each) - - - - -	66	145
1,0 m (3.3 ft) backstay link (each) - - - - -	39	86
0,6 m (2.0 ft) backstay link (each) - - - - -	30	66
10,5 m (34.6 ft) backstay pendant (each)- - - - -	107	236
3,0 m (10.0 ft) backstay pendant (each) - - - - -	59	130
6,0 m (19.7 ft) backstay pendant (each) - - - - -	80	176
12,0 m (39.4 ft) backstay pendant (each)- - - - -	117	259
Jib stop assembly - - - - -	379	835

### LUFFING JIB NO. 149:

#149 shipping assembly with jib butt, jib strut, and main strut- - - - -	5 990	13,212
7,6 m (25.0 ft) butt- - - - -	1 601	3,533
Luffing jib hinge pin (each) - - - - -	11	25
4,3 m (9.1 ft) strap with link (each) - - - - -	45	100
9,3 m (30.5 ft) jib strut with guide sheaves, luffing sheaves, and strap links - - - - -	2 208	4,870
7,3 m (15.4 ft) strap with link (each)- - - - -	79	175
8,1 m (26.5 ft) main strut with luffing sheaves, pendants, and links - - - - -	2 181	4,809
Main strut stop assembly (each) - - - - -	74	163
4,6 m (9.7 ft) spreader assembly with links, straps, and beam - - - - -	235	517
4,6 m (9.7 ft) pendant (each) - - - - -	60	133
7,6 m (25.0 ft) top with main and upper jib point, wire rope guide, hand winch, and strap links - - - - -	2 743	6,047
3,0 m (10.0 ft) insert- - - - -	481	1,060
6,1 m (20.0 ft) insert- - - - -	776	1,710
12,2 m (40.0 ft) insert - - - - -	1 359	2,995
12,2 m (40.0 ft) insert with lug - - - - -	1 390	3,065
6,6 m (21.8 ft) basic strap (each) - - - - -	84	185
3,0 m (10.0 ft) strap with link (each) - - - - -	50	110
6,1 m (20.0 ft) strap with link (each) - - - - -	84	185
12,2 m (40.0 ft) strap with link (each)- - - - -	152	335
Intermediate suspension arrangement (complete) - - - - -	66	146
2,9 m (9.4 ft) backstay strap (each) - - - - -	60	133
6,1 m (20.0 ft) basic backstay pendant (each) - - - - -	79	175
3,0 m (10.0 ft) backstay pendant (each)-- - - - -	61	135
12,2 m (40.0 ft) backstay pendant (each)- - - - -	117	258
1,54 m (5.0 ft) backstay pendant (each)-- - - - -	51	113
0,61 m (2.0 ft) backstay link (each)- - - - -	29	65
0,22 m (0.71 ft) backstay link (each) - - - - -	39	85
0,28 m (0.92 ft) backstay link (each) attached to boom (with pin) - - - - -	18	40
Jib stop assembly - - - - -	306	675