

Crane Weights

MLC165

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

Weight
Kilograms Pounds

LIFTCRANE:

Upperworks and lowerworks complete, carbody jacking, counterweight, 7,2 m (23.6 ft) live mast, boom stops and load lines, fully rigged 15,0 m (49.2 ft) Boom No. 74, upper boom point, 75 t (82.7 Ton) block, 13,6 t (15 T) hook and weight ball

| | | |
|---------------------------|---------|---------|
| MLC165 SERIES 1 - - - - - | 124 502 | 274,483 |
| MLC165 SERIES 2 - - - - - | 150 559 | 331,926 |

UPPERWORKS MACHINERY MODULE WITH CARBODY:

Carbody, upperworks with two full power drums, operator's cab, mast, mast hoist wire rope, carbody jacking arrangement (optional), hydraulic reservoir (full), fuel tank (1/2 full), and maximum length hoist and whip lines - - - - -

| | | |
|--|--------|--------|
| | 37 840 | 83,423 |
|--|--------|--------|

CRAWLERS:

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

| | | |
|--|--------|--------|
| | 16 392 | 36,139 |
|--|--------|--------|

COUNTERWEIGHT - UPPER:

| | | |
|---|--------|---------|
| Tray - - - - - | 15 135 | 33,367 |
| Counterweight box (6 on SERIES 1, 8 on SERIES 2 (each)) - - - - - | 5 002 | 11,028 |
| Total upperworks counterweight - MLC165 SERIES 1 - - - - - | 45 147 | 99,535 |
| MLC165 SERIES 2 - - - - - | 55 153 | 121,591 |

COUNTERWEIGHT - LOWER:

| | | |
|--|--------|--------|
| Carbody counterweight (2 on SERIES 2 (each)) - - - - - | 8 000 | 17,638 |
| Carbody counterweight steps (each) - - - - - | 25 | 56 |
| Total lowerworks counterweight - MLC165 SERIES 2 - - - - - | 16 051 | 35,387 |

MAST:

| | | |
|---|-------|-------|
| 7,2 m (23.6 ft) mast with links - - - - - | 2 800 | 6,172 |
| Self assembly cylinder - - - - - | 224 | 493 |

MACHINE OPTIONS:

| | | |
|----------------------------------|-----|-----|
| Rigging winch assembly - - - - - | 124 | 274 |
|----------------------------------|-----|-----|

LOWERWORKS OPTIONS:

| | | |
|--|-----|-----|
| Carbody jacking with pads (each) - - - - - | 391 | 862 |
|--|-----|-----|

BOOM NO. 74:

| | | |
|---|-------|-------|
| 6,0 m (19.7 ft) butt with boom stops - - - - - | 2 563 | 5,651 |
| 9,0 m (29.5 ft) top with boom pendants, upper and lower point and wire rope guide - - - - - | 4 195 | 9,249 |
| 3,0 m (9.8 ft) insert with boom pendants - - - - - | 582 | 1,284 |
| 6,0 m (19.7 ft) insert with boom pendants - - - - - | 937 | 2,066 |
| 6,0 m (19.7 ft) insert with aux sheaves and boom pendants - - - - - | 1 156 | 2,549 |
| 12,0 m (39.4 ft) insert with boom pendants - - - - - | 1 656 | 3,650 |
| 12,0 m (39.4 ft) insert with boom pendants (with jib backstay lugs) - - - - - | 1 706 | 3,760 |
| 7,995 m (26.2 ft) basic pendant (each) - - - - - | 49 | 108 |
| 3,009 m (9.9 ft) pendant (with connector pin) (each) - - - - - | 29 | 64 |
| 6,022 m (19.8 ft) pendant (with connector pin) (each) - - - - - | 40 | 88 |
| 12,046 m (39.5 ft) pendant (with connector pin) (each) - - - - - | 61 | 135 |
| Intermediate strut arrangement - - - - - | 248 | 547 |
| Boom stop (each tube) - - - - - | 228 | 502 |

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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) | 1 461 | 3,220 |
| 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 |
| 6,1 m (20.13 ft) 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 |
| Offset link adaptor | 127 | 280 |
| 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 |
| 11,4 m (37.40 ft) basic backstay pendant (each) | 113 | 250 |
| 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 | 302 | 665 |
| Wire rope anchor | 102 | 225 |
| Luffing jib hinge pin (each) | 11 | 25 |

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 |
| 175 t (192.9 T) load block (7 sheave) | 3 036 | 6,693 |
| 100 t (110 T) load block (4 sheave) | 1 598 | 3,522 |
| 75 t (82.7 T) load block (3 sheave) | 1 375 | 3,031 |
| 25 t (27.6 T) load block (1 sheave) | 676 | 1,490 |
| 13.6 t (15 T) hook and weight ball | 597 | 1,315 |

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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 - 3,45 kg/m (2.32 lb/ft)- - - - - 1 311 2,890

Whip Lines

270 m (886 ft) of 26 mm wire rope - 3,45 kg/m (2.32 lb/ft) - - - - - 932 2,054

Auxiliary Line

190 m (623 ft) of 26 mm wire rope - 3,45 kg/m (2.32 lb/ft) - - - - - 656 1,445

REFERENCE ONLY!