

Crane Weights

Note: Weights may fluctuate ± 3% due to manufacturing tolerances

	Weight	
	Pounds	Kilograms
LIFTCRANE:		
Upperworks and lowerworks complete, carbody jacking, counterweight, 10.25 ft (3,12 m) retractable gantry, 27 ft (8,23 m) live mast, boom stops and load lines, fully rigged 20,0 m (65.6 ft) Boom No. 76, upper boom point, 220 Ton (200t) block and 15 Ton (14t) hook and weight ball		
14000 SERIES 1 - - - - -	321,540	145 848
14000 SERIES 2 - - - - -	415,610	188 517
UPPERWORKS MACHINERY MODULE WITH CARBODY:		
Carbody, upperworks with two full power drums, operator's cab, gantry, backhitch, mast, mast hoist wire rope, carbody jacking arrangement (optional), and maximum length hoist and whip lines - - -		
	83,450	37 852
CRAWLERS:		
27.17 ft (8,28 m) crawler assembly (each) with drive, 48 in. (1 219 mm) treads and steps - - - - -		
	38,600	17 509
COUNTERWEIGHT - UPPER:		
Tray - - - - -	21,235	9 632
Counterweight side box (6 on SERIES 1, 8 on SERIES 2 (each)) - - - - -	17,650	8 006
Counterweight center box (1 on SERIES 2) - - - - -	5,910	2 681
Total upperworks counterweight -- 14000 SERIES 1 - - - - -	127,000	57 606
14000 SERIES 2 - - - - -	168,000	76 203
COUNTERWEIGHT - LOWER:		
Carbody counterweight (2 on SERIES 2 (each)) - - - - -	26,500	12 020
Carbody counterweight steps (each) - - - - -	50	23
Total lowerworks counterweight - 14000 SERIES 2 - - - - -	53,000	24 040
GANTRY:		
10.25 ft (3,12 m) gantry - - - - -	4,735	2 148
Backhitch assembly (each leg) - - - - -	855	388
Backhitch cylinders and pins (each) - - - - -	745	338
MAST:		
27 ft (8,23 m) mast with straps - - - - -	5,100	2 313
Mast raising cylinders with supports (each) - - - - -	520	236
LOWERWORKS OPTIONS:		
Carbody jacking with pads (each) - - - - -	650	295
Barrier assembly - swing radius - - - - -	270	122

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BOOM NO. 76:		
18 ft (5,5 m) butt	3,775	1 712
29.5 ft (9,0 m) top with straps, upper and lower point and wire rope guide	11,280	5 117
9.8 ft (3,0 m) insert with boom straps	1,630	739
18 ft (5,5 m) insert with aux. sheaves and boom strap	4,260	1 932
19.7 ft (6,0 m) insert with boom straps	2,640	1 197
39.4 ft (12,0 m) insert with boom straps	4,575	2 075
39.4 ft (12,0 m) insert with boom straps (with jib backstay lugs)	4,685	2 125
25.33 ft (7,7 m) basic strap (each)	290	132
9.8 ft (3,0 m) strap (with connector links) (each)	140	64
10.4 ft (3,2 m) strap (with connector links) (each)	160	73
19.7 ft (6,0 m) strap (with connector links) (each)	245	111
39.4 ft (12,0 m) strap (with connector links) (each)	445	202
Intermediate strut arrangement	415	188
Boom stop (each tube)	530	240
JIB NO. 134:		
15 ft (4,6 m) butt	560	254
15 ft (4,6 m) top (with jib point)	895	406
10 ft (3,0 m) insert	350	159
20 ft (6.1 m) insert	585	265
30.75 ft (9,4 m) basic pendant (each)	115	52
9.5 ft (2,9 m) pendant (each)	65	29
19.0 ft (5,8 m) pendant (each)	85	39
12.5 ft (3,8 m) strut with sheave	665	302
Backstay link (each) attached to strut	25	11
Backstay tie link	10	5
Backstay link (each)	65	29
Backstay spreader	50	23
44.58 ft (13,6 m) backstay pendant (each)	150	68
4.67 ft (1,4 m) backstay pendant (each)	50	23
Backstay link (each) attached to boom insert	20	9
Jib stop assembly	190	86
Wire rope anchor	110	50
Load sensor	45	20
JIB NO 138:		
15 ft (4,6 m) butt	335	152
15 ft (4,6 m) top (with jib point and wheel)	685	311
10 ft (3,0 m) insert	175	79
70 ft (21,5 m) basic pendant (each)	90	41
9 ft (2,7 m) pendant (each)	20	9
Pendant link (each)	5	2
17.79 ft (5,4 m) strut with sheave	440	200
Backstay link (each)	5	2
56.54 ft (17,2 m) backstay pendant (each)	75	34
Jib stop assembly	95	43

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LUFFING JIB NO. 135:		
27 ft (8,2 m) butt	2,390	1 084
23 ft (7,0 m) top (with jib point, hand winches, and pendant links)	3,200	1 451
10 ft (3,0 m) insert	580	263
20 ft (6,1 m) insert	980	445
40 ft (12,2 m) insert	1,795	814
Offset link adaptor for fold under arrangement	280	127
20.13 ft (6,1 m) basic pendant (each)	185	84
25.92 ft (7,9 m) basic pendant (each)	200	91
10.08 ft (3,1 m) pendant (each)	130	59
40.25 ft (12,3 m) pendant (each)	260	118
26 ft (7,9 m) jib strut with guide sheaves, luffing sheaves and links	4,395	1 994
22.5 ft (6,9 m) main strut with luffing sheaves and links	3,150	1 429
Backstay beam link attached to main strut	610	277
12.25 ft (3,7 m) basic backstay pendant (each)	145	66
3.25 ft (1,0 m) backstay link (each)	90	41
2 ft (0,6 m) backstay link (each)	65	29
34.58 ft (10,5 m) basic backstay pendant (each)	240	109
10 ft (3,0 m) backstay pendant (each)	130	59
19.7 ft (6,0 m) backstay pendant (each)	175	79
39.6 ft (12,0 m) backstay pendant (each)	260	118
Rope guide on boom top for fold under arrangement	440	200
Jib stop assembly	880	399
Main strut stop assembly	260	118
Wire rope guide on jib top	665	302
Wire rope anchor	225	102
Luffing jib hinge pin (each)	25	11
UPPERWORKS OPTIONS:		
CE Code - rotating bed	260	118
Cold weather package - rotating bed	135	61
Rigging winch assembly	505	229
Cab mounting assembly with cab-tilt	110	50
BOOM OPTIONS:		
Upper boom point with load sensor and limit control (single sheave)	1,280	581
Auxiliary drum assembly in boom butt	3,750	1 701
Boom assembly ladder storage	90	41
220 Ton (200 t) load block (7 sheave)	5,450	2 472
15 Ton (14 t) hook and weight ball	1,310	594
WIRE ROPE:		
Mast Hoist		
980 ft (299 m) of 22 mm wire rope - 1.80 lb per ft (2,68 kg/m)	1,765	801
Load Lines		
26 mm - 2.39 lbs per ft (3,56 kg/m) 1,475 ft (450 m) No.76 boom	3,525	1 599
Whip Lines		
26 mm - 2.39 lbs per ft (3,56 kg/m)		
960 ft (293 m) No. 76 boom only	2,295	1 041
1,020 ft (311 m) No. 134 jib	2,440	1 107
Auxiliary Line		
770 ft (235 m) of 1 in. (25,4 m) wire rope - 2.26 lb per ft (3,36 kg/m)	1,740	789