

Crane Weights

1015

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

	Weight	
	Pounds	Kilograms
LIFTCRANE - BOOM NO. 83:		
Upperworks and lowerworks complete, 50% fuel, auxiliary drum prep, upperworks jacking, carbody support pedestals, 39-3/8 in. (1 000 mm) crawler treads, counterweight, gantry, mast, fully rigged 50 Ft. (15.2m) Boom No. 83 [including single sheave upper boom point, 3 sheave lower point, 3 sheave wire rope guide, 140 Ton (127t) block, and 15 Ton (14t) hook and weight ball], boom stops and maximum length hoist and whip lines - - - - -	281,880	127 858
UPPERWORKS MACHINERY MODULE WITH CARBODY:		
Carbody, upperworks with two freefall equipped full power drums, operator's cab, gantry, mast, boom hoist wire rope, carbody jacking, 50% fuel and maximum length hoist and whip lines - -	127,820	57 978
CRAWLERS:		
23 Ft. 6 in. (7 163 mm) crawler assembly with 39-3/8 in. (1 000 mm) treads (each) - - - - -	35,150	15 943
COUNTERWEIGHT:		
Box - side upper (each) - - - - -	4,300	1 950
Box - side lower (each) - - - - -	13,500	6 123
Tray - - - - -	17,550	7 960
Total counterweight - - - - -	53,000	24 040
GANTRY:		
9 Ft. 7 in. (2 921 mm) gantry with backhitch and raising cylinders - - - - -	6,835	3 100
MAST:		
25 Ft. 0 in. (7 620 mm) mast - - - - -	5,500	2 494
BOOM NO. 83:		
22 Ft. 0 in. (6.7m) butt (with support, platforms, handling pendants and cable reel) - - - - -	6,280	2 848
3 Ft. 0 in. (8.5m) top (with 3 sheave lower point) - - - - -	3,810	1 728
25 Ft. 0 in. (7.6m) transition insert (with 3 sheave wire rope guide) - - - - -	5,135	2 329
10 Ft. 0 in. (3.0m) insert - - - - -	1,405	637
20 Ft. 0 in. (6.1m) insert - - - - -	2,330	1 056
40 Ft. 0 in. (12.2m) insert - - - - -	3,310	1 501
24 Ft. 2-1/2 in. (7.4m) basic pendant (each) - - - - -	195	88
10 Ft. 1 in. (3.1m) pendant (each) - - - - -	135	61
20 Ft. 1-1/2 in. (6.1m) pendant (each) - - - - -	175	79
40 Ft. 3 in. (12.3m) pendant (each) - - - - -	260	117
4 Ft. 11-1/2 in. (1.5m) pendant (each) - - - - -	135	61
Link (each) with pin - - - - -	70	31
Boom stop assembly (each side) - - - - -	500	226



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JIB NO. 134A:		
15 Ft. 0 in. (4.6m) butt - - - - -	610	276
5 Ft. 0 in. (4.6m) top (with jib point) - - - - -	1,450	657
10 Ft. 0 in. (3.0m) insert - - - - -	350	158
20 Ft. 0 in. (6.1m) insert - - - - -	575	260
21 Ft. 8 in. (6.6m) basic pendant (each) - - - - -	100	45
9 Ft. 6 in. (2.9m) pendant (each) - - - - -	65	29
19 Ft. 0 in. (5.8m) pendant (each) - - - - -	85	38
12 Ft. 6 in. (3.8m) strut with sheave - - - - -	665	301
Backstay link (each) attached to strut - - - - -	25	11
Backstay spreader link with pins - - - - -	10	4
30 Ft. 2 in. (9.2m) backstay pendant (each) - - - - -	115	52
4 Ft. 8 in. (1.4m) backstay pendant (each) - - - - -	50	22
Backstay link (each) attached to boom insert - - - - -	25	11
Jib stop assembly - - - - -	175	79
Wire rope anchor - - - - -	100	45
Winch - - - - -	30	13
Limit control - - - - -	95	43
MACHINE OPTIONS:		
Upperworks jacking - - - - -	6,470	2 934
Carbody support pedestals - - - - -	1,600	725
Drum pawl with piping - - - - -	290	131
Auxiliary drum prep with pump - - - - -	335	151
BOOM NO. 83 OPTIONS:		
25 Ft. 0 in. (7.6m) insert for drill rig - - - - -	5,380	2 440
Upper boom point assembly - - - - -	1,290	585
Auxiliary drum assembly in boom butt - - - - -	3,575	1 621
Auxiliary drum assembly in 25 Ft. (7.6m) insert - - - - -	3,145	1 426
Wire rope guide (on boom butt - required with auxiliary drum) - - - - -	600	272
Butt support - - - - -	210	95
LOAD BLOCK AND HOOK AND WEIGHT BALL OPTIONS:		
15 ton (14t) hook and weight ball - - - - -	1,310	594
33 ton (30t) load block (38 mm wire rope) - - - - -	2,500	1 133
33 ton (30t) load block (32 mm wire rope) - - - - -	1,575	714
140 ton (127t) load block - - - - -	3,900	1 769



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WIRE ROPE:		
Boom Hoist		
625 Ft. (191m) of 22 mm (7/8 in.) wire rope - 1.80 Lbs. per Ft. (2.68 kg/m) - - - - -	1,125	510
Rotation resistant wire rope:		
Load Lines		
38 mm - 4.92 Lbs. per Ft. (7.32 kg/m) 675 Ft. (206m) - - - - -	3,320	1 505
32 mm - 3.37 Lbs. per Ft. (5.01 kg/m) 750 Ft. (229m) - - - - -	2,530	1 147
Whip Lines		
38 mm - 4.92 Lbs. per Ft. (7.32 kg/m) 500 Ft. (152m) - - - - -	2,460	1 115
32 mm - 3.37 Lbs. per Ft. (5.01 kg/m) 660 Ft. (201m) - - - - -	2,225	1 009
Auxiliary Line		
28 mm - 2.63 Lbs. per Ft. (3.91 kg/m) 660 Ft. (201m) - - - - -	1,735	786
Alternate Auxiliary Line - Conventional wire rope		
28 mm - 2.24 Lbs. per Ft. (3.33 kg/m) 660 Ft. (201m) - - - - -	1,480	671