

Crane Weights

555 SERIES 1 555 SERIES 2

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

	Weight	
	Pounds	Kilograms
LIFTCRANE - BOOM NO. 84:		
Upperworks and lowerworks complete, 50% fuel, auxiliary drum prep, carbody jacking, crawler lifting levers, 48 in. (1 219 mm) crawler treads, counterweight, mast, fully rigged 50 Ft. (15.2m) Boom No. 84 [including single sheave upper boom point, 4 sheave lower point, 2 sheave wire rope guide, 150 Ton (136t) block, and 15 Ton (14t) hook and weight ball], boom stops, butt support and maximum length conventional hoist and whip lines		
555 SERIES 1	238,015	107 961
555 SERIES 2	309,015	140 166
UPPERWORKS MACHINERY MODULE WITH CARBODY:		
Carbody, upperworks with two full power drums, universal operator's cab, mast, boom hoist wire rope, carbody jacking, 50% fuel and maximum length conventional hoist and whip lines	81,790	37 099
CRAWLERS:		
23 Ft. 10 in. (7 264mm) crawler assembly with platforms, steps and 48 in. (1 219 mm) treads (each)	32,230	14 619
COUNTERWEIGHT - FRONT:		
Rotating bed counterweight (standard without freefall drums)	1,250	566
COUNTERWEIGHT - UPPER:		
Box - side (4 on 555 SERIES 1, 6 on SERIES 2) (each)	13,500	6 123
Tray	17,200	7 801
Total upperworks counterweight - 555 SERIES 1	71,500	32 431
Total upperworks counterweight - 555 SERIES 2	98,500	44 678
COUNTERWEIGHT - LOWER:		
Carbody counterweight box (2 on SERIES 2) (each)	22,000	9 979
MAST:		
23 Ft. 0 in. (7 010 mm) mast with basic boom straps	4,860	2 204
BOOM NO. 84:		
22 Ft. 0 in. (6.7m) butt (with support, platforms, handling pendants and cable reel)	5,025	2 279
28 Ft. 0 in. (8.5m) top (with 4 sheave lower point and 2 sheave wire rope guide)	6,445	2 923
10 Ft. 0 in. (3.0m) insert	1,060	480
20 Ft. 0 in. (6.1m) insert	1,710	775
40 Ft. 0 in. (12.2m) insert	2,995	1 358
40 Ft. 0 in. (12.2m) insert (with jib backstay lugs)	3,065	1 390
24 Ft. 1-3/4 in. (7.4m) basic strap with link (each)	190	86
10 Ft. 0 in. (3.0m) strap with link (each)	110	49
20 Ft. 0 in. (6.1m) strap with link (each)	185	83
40 Ft. 0 in. (12.2m) strap with link (each)	335	151
Spreader beam with pins	160	72
Adjustable link (each) with pin	60	27
Wire rope guide (top)	1,305	591
Boom stop assembly (each side)	455	206



Crane Weights

555 SERIES 1 555 SERIES 2

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

	Weight	
	Pounds	Kilograms
JIB NO. 134:		
15 Ft. 0 in. (4.6m) butt	580	263
15 Ft. 0 in. (4.6m) top (with jib point)	1,120	508
10 Ft. 0 in. (3.0m) insert	350	158
20 Ft. 0 in. (6.1m) insert	575	260
30 Ft. 9 in. (9.4m) basic pendant (each)	110	49
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	690	312
Backstay link (each) attached to strut	25	11
Backstay spreader link with pins	10	4
44 Ft. 7 in. (13.6m) backstay pendant (each)	150	68
5 Ft. 6 in. (1.7m) backstay pendant (each)	55	24
4 Ft. 8 in. (1.4m) backstay pendant (each)	50	22
Backstay link (each) attached to boom insert	30	13
Jib stop assembly	175	79
Wire rope anchor	105	47
Winch	30	13
Load sensor	105	47
Wind indicator	50	22
Limit control	95	43
LUFFING JIB NO. 155:		
8 Ft. 0 in. (2.4m) boom cap with wire rope guide	3,025	1 372
27 Ft. 0 in. (8.2m) butt	2,070	938
23 Ft. 0 in. (7.0m) top (with jib point, wire rope guide, limit control, load sensor and pendant links)	3,975	1 803
10 Ft. 0 in. (3.0m) insert	580	263
20 Ft. 0 in. (6.1m) insert	980	444
40 Ft. 0 in. (12.2m) insert	1,795	814
40 Ft. 0 in. (12.2m) insert equipped with intermediate fall	3,095	1 403
20 Ft. 1-1/2 in. (6.1m) basic pendant (each)	185	83
24 Ft. 0 in. (7.3m) basic pendant (each)	190	86
10 Ft. 1 in. (3.1m) pendant (each)	130	58
40 Ft. 3 in. (12.3m) pendant (each)	260	117
Intermediate suspension arrangement	220	99
18 Ft. 6 in. (5.6m) jib strut with guide sheaves, luffing sheaves and links	2,300	1 043
18 Ft. 6 in. (5.6m) main strut with luffing sheaves and links	2,500	1 133
10 Ft. 6-1/4 in. (3.2m) basic backstay pendant (each)	110	49
8 Ft. 11-1/8 in. (2.7m) basic backstay pendant (each)	105	47
40 Ft. 0 in. (12.2m) backstay pendant (each)	205	92
20 Ft. 0 in. (6.1m) backstay pendant (each)	140	63
10 Ft. 0 in. (3.0m) backstay pendant (each)	110	49
1 Ft. 6-7/8 in. (479 mm) backstay spreader link	170	77
Jib stop assembly	700	317
Main strut stop assembly	160	72
Wire rope guide on jib top	645	292
Wire rope anchor	225	102
Luffing jib hinge pin (each)	25	11

Crane Weights

555 SERIES 1 555 SERIES 2

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

	Weight	
	Pounds	Kilograms
JIB NO. 138A:		
15 Ft. 0 in. (4.6m) butt - - - - -	335	151
15 Ft. 0 in. (4.6m) top (with jib point and wheel) - - - - -	675	306
10 Ft. 0 in. (3.0m) insert - - - - -	175	79
32 Ft. 9 in. (10.0m) basic pendant (each) - - - - -	50	22
9 Ft. 0 in. (2.7m) pendant (each) - - - - -	20	9
Pendant link (each) - - - - -	10	4
17 Ft. 9-7/16 in. (5.4m) strut with sheave - - - - -	440	199
Backstay link (each) - - - - -	5	2
56 Ft. 6-1/2 in. (17.2m) backstay pendant (each) - - - - -	75	34
Jib stop assembly - - - - -	95	43
MACHINE OPTIONS:		
Carbody jacking - - - - -	2,645	1 199
Steps (each) on carbody counterweight - - - - -	50	22
Front drum pawl with piping - - - - -	145	65
Auxiliary drum prep with pump - - - - -	385	174
Freefall drum shaft (each) additional weight - - - - -	2,165	982
Pump and piping for freefall drums - - - - -	395	179
Caterpillar C9 power plant - additional weight - - - - -	140	63
Hydraulic tank and piping - customer supplied equipment - - - - -	1,260	572
Crawler lifting levers (each) - - - - -	80	36
BOOM NO. 84 OPTIONS:		
Upper boom point assembly - - - - -	1,030	467
Upper boom point bracket - - - - -	105	47
Auxiliary drum assembly in boom butt - - - - -	3,530	1 601
Wire rope guide (on boom butt - required with auxiliary drum) - - - - -	655	297
Butt support - - - - -	185	83
Wire rope intermediate suspension - - - - -	85	39
LOAD BLOCK AND HOOK AND WEIGHT BALL OPTIONS:		
15 ton (14t) hook and weight ball - - - - -	1,310	594
30 ton (27t) load block - - - - -	1,500	680
45 ton (41t) load block - - - - -	2,600	1 179
100 ton (91t) load block - - - - -	3,900	1 769
150 ton (136t) load block - - - - -	4,000	1 814



Crane Weights

555 SERIES 1 555 SERIES 2

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

	Weight	
	Pounds	Kilograms
WIRE ROPE:		
Boom Hoist		
725 Ft. (221m) of 22mm (7/8 in.) wire rope 1.80 Lbs. per Ft. (2.68 kg/m) - - - - -	1,305	591
Rotation resistant wire rope:		
Load Lines		
28 mm - 2.63 Lbs. per Ft. (3.91 kg/m)		
960 Ft. (293m) No. 84 Boom - - - - -	2,525	1 145
950 Ft. (290m) No. 155 Luffing Jib - - - - -	2,500	1 133
Whip Lines		
28 mm - 2.63 Lbs. per Ft. (3.91 kg/m)		
830 Ft. (253m) No. 84 Boom - - - - -	2,185	991
810 Ft. (247m) No. 134A Fixed Jib - - - - -	2,130	966
Auxiliary Lines		
28 mm - 2.63 Lbs. per Ft. (3.91 kg/m)		
960 Ft. (293m) No. 84 Boom - - - - -	2,525	1 145
950 Ft. (290m) No. 155 Luffing Jib - - - - -	2,500	1 133
810 Ft. (247m) No. 134A Fixed Jib - - - - -	2,130	966
Conventional wire rope:		
Load Lines		
28 mm - 2.24 Lbs. per Ft. (3.33 kg/m)		
960 Ft. (293m) No. 84 Boom - - - - -	2,150	975
950 Ft. (290m) No. 155 Luffing Jib - - - - -	2,130	966
Whip Lines		
28 mm - 2.24 Lbs. per Ft. (3.33 kg/m)		
830 Ft. (253m) No. 84 Boom - - - - -	1,860	843
810 Ft. (247m) No. 134A Fixed Jib - - - - -	1,815	823
Auxiliary Lines		
28 mm - 2.24 Lbs. per Ft. (3.33 kg/m)		
960 Ft. (293m) No. 84 Boom - - - - -	2,150	975
950 Ft. (290m) No. 155 Luffing Jib - - - - -	2,130	966
810 Ft. (247m) No. 134A Fixed Jib - - - - -	1,815	823