

Crane Weights

S/N 5551031 and higher

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 - - - - -	235,860	106 984
555 SERIES 2 - - - - -	306,860	139 189
UPPERWORKS MACHINERY MODULE WITH CARBODY:		
Carbody, upperworks with two full power drums, operator's cab, mast, boom hoist wire rope, carbody jacking, 50% fuel and maximum length conventional hoist and whip lines - - - - -	79,745	36 171
CRAWLERS:		
23 Ft. 10 in. (7 264 mm) crawler assembly with platforms, steps and 48 in. (1 219 mm) treads (each) - - - - -	32,175	14 594
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



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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

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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
Power plant sound package - - - - -	560	254
Hydraulic tank and piping - customer supplied equipment - - - - -	1,260	571
Crawler lifting levers (each) - - - - -	80	36
BOOM NO. 84 OPTIONS:		
38 Ft. 0 in. (11.6m) open throat top (with 4 sheave lower point and 3 sheave wire rope guide) - - - - -	6,700	3 039
Upper boom point assembly (regular top) - - - - -	1,030	467
Upper boom point bracket (regular top) - - - - -	105	47
Upper boom point assembly (open throat top) - - - - -	1,300	589
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
34 Ft. 11-3/4 in. (10.7m) basic pendant for open throat top (each) - - - - -	270	122
Wire rope intermediate suspension - - - - -	85	38
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



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	Weight	
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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