

Crane Weights

888 RINGER

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

	Weight	
	Pounds	Kilograms
LIFTCRANE - BOOM NO. 67B:		
Upperworks and lowerworks complete with 45 ft. (13.7m) dia. RINGER attachment, crane and auxiliary counterweight, gantry, backhitch, 120 ft. (36.6m) mast, fully rigged 125 ft. (38.1m) boom No. 67B with boom stops, load lines and load block		
1,395,100 lb. (632 810 kg) auxiliary counterweight - - - - -	2,085,340	945 894
867,100 lb. (393 310 kg) auxiliary counterweight - - - - -	1,557,340	706 397
888 WITH RINGER PREP:		
Upperworks and lowerworks complete with main drums boom hoist equipped, relocated operators cab, gantry and 30 ft. (9.1m) live mast - - - - -		
	164,270	74 511
45 Ft. (13.7m) DIA ROLLER RING AND SUPPORT:		
Front ring segment with swing gear - - - - -	18,380	8 337
Side ring segment (each) with swing gear - 2 required - - - - -	25,410	11 525
Rear ring segment with swing gear - - - - -	18,380	8 337
Side wear plates (each) with anchors - 8 required - - - - -	455	206
Front/rear wear plates (each) with anchors - 4 required - - - - -	500	226
Crawler side beam (each) with pins and hydraulic cylinders - 2 required - - - - -	18,475	8 380
Ring screw jacks (each) with pads - 30 required - - - - -	2,040	925
Ring screw jacks (each) with pads (side beam) 4 required - - - - -	2,540	1 152
Steps (each) - - - - -	80	36
Total weight roller ring, side beams, and screw jacks with pads - - - - -	201,700	91 489
FRONT ROLLER CARRIER:		
Front roller carrier with bogie frames and hook rollers - - - - -	29,620	13 435
Boom hinge pin with keeper (each) 2 required - - - - -	145	65
Mast hinge pin with keeper (each) 2 required - - - - -	110	49
Stinger frame with pins - - - - -	12,730	5 774
Power plant with hydraulic pumps, reservoir and piping - - - - -	10,775	4 887
Catwalk and railing along power plant - - - - -	430	195
Front ringer drum with lagging - - - - -	16,810	7 624
Inside swinger with guide roller (each) 2 required - - - - -	2,260	1 025
Traveling tie down strap (each) with pins (2 straps required) - - - - -	170	77
Total - - - - -	75,735	34 352
AUXILIARY COUNTERWEIGHT:		
Counterweight carrier with bogie frames, hook rollers, brackets, shear plates and pins - - - - -	57,650	26 149
Inside swinger with guide roller (each) 2 required - - - - -	2,115	959
Basic machine side box (each) 8 required - - - - -	17,500	7 937
Basic machine center box - - - - -	18,000	8 164
Basic machine lower tray - - - - -	21,050	9 548
Counterweight center box (each) 2 required - - - - -	36,000	16 329
Counterweight side box (each) 26 required for 1,395,100 lb. (632 810 kg) counterweight and 14 required for 867,100 lb. (393 310 kg) counterweight - - - - -	44,000	19 958



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MAST NO. 49A:		
40 ft. (12.2m) mast butt with guide sheave, roller and strap supports - - - - -	14,610	6 626
40 ft. (12.2m) mast top with sheaves and strap support - - - - -	17,600	7 983
40 ft. (12.2m) insert with strap supports - - - - -	11,190	5 075
34 ft. 0-13/16 in. (10.4m) counterweight strap (each) 4 reqd - - - - -	1,460	662
38 ft. 7 in. (11.8m) counterweight strap (each) 4 reqd - - - - -	1,555	705
Strap connector links (each set - 4 reqd) with pins and collars - - - - -	585	265
31 ft. 4-3/4 in. (9.6m) counterweight strap (each) 4 reqd - - - - -	1,365	619
1 ft. 7-1/2 in. (0.5m) backhitch pendant link (each) - - - - -	95	43
31 ft. 4-1/2 in. (9.6m) backhitch pendant (each) - - - - -	200	90
40 ft. (12.2m) backhitch pendant (each) - - - - -	210	95
20 ft. (6.1m) backhitch pendant (each) - - - - -	145	65
8 ft. 4 in. (2.5m) backhitch pendant (each) - - - - -	100	45
Mast stop upper tube (each) with pin - - - - -	700	317
Mast stop lower tube (each) with shims, reach rod and pin - - - - -	190	86
Mast stop strut (each) with rod end and pins - - - - -	45	20
Total weight mast No. 49A complete with self-erect pendants, counterweight straps and mast stop - - - - -	68,385	31 018
BOOM NO. 67B:		
50 ft. (15.2m) butt with wire rope guide - - - - -	24,830	11 262
50 ft. (15.2m) top with lower point and wire rope guide - - - - -	33,600	15 240
25 ft. (7.6m) insert with timber and strap brackets - - - - -	8,185	3 712
25 ft. (7.6m) insert with timber - - - - -	8,075	3 662
50 ft. (15.2m) insert with timbers and strap brackets - - - - -	15,565	7 060
50 ft. (15.2m) insert with timbers - - - - -	15,455	7 010
50 ft. (15.2m) insert with equalizer rails, timbers and strap brackets - - - - -	16,725	7 586
15 ft. 9 in. (4.8m) basic strap (each) with connector links - - - - -	430	195
35 ft. (10.7m) strap (each) with connector links - - - - -	875	396
50 ft. (15.2m) strap (each) with connector links - - - - -	1,175	532
25 ft. (7.6m) strap (each) with connector links - - - - -	695	315
6 ft. 2-15/16 in. (1.9m) strap (each) with connector links - - - - -	375	170
Equalizer - - - - -	2,815	1 276
Boom stop (each tube) with cylinder and rod end - - - - -	1,325	601
Boom stop strut (each) with rod end and pins - - - - -	65	29
JIB NO. 22EL:		
30 ft. (9.1m) butt - - - - -	6,290	2 853
40 ft. (12.2m) top (with 7 sheave lower point, 2 sheave wire rope guide and pendant links) - - -	10,250	4 649
10 ft. 0 in. (3.0m) insert - - - - -	1,590	721
20 ft. 0 in. (6.1m) insert - - - - -	2,645	1 199
40 ft. 0 in. (12.2m) insert - - - - -	4,735	2 147
36 ft. 6 in. (11.1m) basic pendant (each) - - - - -	210	95
10 ft. 0 in. (3.0m) pendant (each) - - - - -	110	49
20 ft. 1-1/2 in. (6.1m) pendant (each) - - - - -	145	65
40 ft. 3 in. (12.3m) pendant (each) - - - - -	210	95
50 ft. (15.2m) main strut - - - - -	14,500	6 577
Main strut stop - - - - -	1,080	489
Wire rope guide (top - 2 sheave) - - - - -	1,245	564
Wire rope roller assembly (each) - - - - -	55	24
Wire rope guide (butt) - - - - -	2,440	1 106
Jib stop assembly - - - - -	2,550	1 156
Upper jib point - - - - -	905	410

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LUFFING JIB NO. 49A-44:		
40 Ft. (12.2m) butt No. 49A with hinge pins - - - - -	13,200	5 987
30 Ft. (9.1m) top with upper and lower point, wire rope guide - - - - -	13,120	5 951
30 Ft. (9.1m) tapered insert No. 49A-44 with wire rope guide, and load sensing sheaves - - - - -	9,205	4 175
20 Ft. (6.1m) insert No. 49A - - - - -	6,290	2 853
40 Ft. (12.2m) insert No. 49A - - - - -	11,080	5 025
30 Ft. 11-1/16 in. (9.4m) basic strap (each) - - - - -	1,030	467
30 Ft. 6-3/4 in. (9.3m) strap (with connector links) (each) - - - - -	830	376
20 Ft. (6.1m) strap (with connector links) (each) - - - - -	605	274
40 Ft. (12.2m) strap (with connector links) (each) - - - - -	965	437
4 Ft. 4 in. (1.3m) strap (with connector links) (each) - - - - -	315	142
52 Ft. 6 in. (16.0m) jib strut with guide sheave, luffing sheaves and links - - - - -	13,385	6 071
50 Ft. (15.2m) main strut with luffing sheaves and links - - - - -	15,860	7 193
35 Ft. 5 in. (10.8m) backstay basic strap (each) - - - - -	735	333
7 Ft. 8-1/2 in. adjustable link, pins (each) - - - - -	480	217
17 Ft. 4 in. (5.3m) backstay strap (each) - - - - -	455	206
25 Ft. (7.6m) backstay strap (with connector links) (each) - - - - -	700	317
50 Ft. (15.2m) backstay strap (with connector links) (each) - - - - -	1,175	532
28 Ft. 7 in. (8.7m) backstay strap (with connector links) (each) - - - - -	775	351
Luffing jib stop assembly - - - - -	4,880	2 213
Main strut stop assembly (each) - - - - -	540	244
Upper point (single sheave) with rollers - - - - -	1,220	553
RINGER OPTIONS:		
Rear ringer drum with lagging - - - - -	8,485	3 848
Wire rope guide in mast butt for rear ringer drum - - - - -	1,460	662
Hydraulic pump and control on auxiliary power plant for rear and auxiliary drum - - - - -	500	226
Ringer counterweight handling package (cyl, supports, rollers and pins) - - - - -	18,480	8 382
BOOM OPTIONS:		
Auxiliary drum - boom butt - - - - -	3,670	1 664
21-1/4 in. (540 mm) dia. lagging for auxiliary drum - - - - -	670	303
Upper wire rope guide - boom top - - - - -	700	317
Upper wire rope guide - boom butt - for auxiliary drum - - - - -	770	349
Lower wire rope guide - boom butt - for auxiliary drum - - - - -	1,125	510
Wire rope guide - boom butt - for rear ringer drum - - - - -	590	267
Upper boom point - - - - -	1,475	669
Stowage timbers (each) No. 67B boom - - - - -	75	34
Dead end pendant, link and pins - No. 67B boom - - - - -	110	49
Dead end swivel - - - - -	180	81
660 ton (600t) load block with duplex hook - - - - -	23,800	10 795
220 ton (200t) load block - - - - -	5,450	2 472
30 ton (27t) load block with 2000 lbs. (907 kg) of weight plates - - - - -	3,500	1 587
15 ton (14t) hook and weight ball - - - - -	1,250	566



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WIRE ROPE:		
Boom hoist - 4,000 ft. (1219m) of 1 in. (26 mm) wire rope - 2.05 lbs. per ft. (3.05 kg/m) - - - -	8,200	3 719
Mast raising - 1,060 ft. (323m) of 7/8 in. (22 mm) wire rope - 1.46 lbs. per ft. (2.17 kg/m) - - - -	1,550	703
Luffing jib hoist - 2,000 ft. (610m) of 1-1/8 in. (29 mm) wire rope - 2.54 lbs. per ft. (3.78 kg/m) -	5,080	2 304
Load lines - 5,600 ft. (1707m) of 1-1/4 in. or 32 mm wire rope - 3.37 lbs. per ft. (5.01 kg/m) - - -	18,870	8 559
Or		
6,900 ft. (2103m) of 1-1/8 in. (28.6 mm) wire rope - 2.48 lbs. per ft. (3.69 kg/m) - - -	17,110	7 760
Whip or auxiliary lines - 1,375 ft. (419m)		
Whip line - 1-1/8 in. (28.6 mm) wire rope - 2.48 lbs. per ft. (3.69 kg/m) - - - - - - - - - -	3,410	1 546
Auxiliary line		
1 in. Wire rope -		
1.97 lbs. per ft. (2.93 kg/m) or 2.03 lbs. per ft. (3.02 kg/m) - - - - - - - - - - - - - - - -	2,790	1 265
Or		
26 mm Wire rope -		
2.07 lbs. per ft. (3.08 kg/m) or 2.13 lbs. per ft. (3.17 kg/m) - - - - - - - - - - - - - - - -	2,930	1 329