

Crane Weights

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

	Weight	
	Pounds	Kilograms
LIFTCRANE - BOOM NO. 180:		
Upperworks and lowerworks complete, 36 in. (914 mm) crawler treads, counterweight, gantry, fully rigged 40 Ft. (12.2m) Boom No. 180 including upper boom point, 80 Ton (73t) block, and 10 Ton (9t) hook and weight ball, boom stops and maximum length hoist and whip lines - - - - -	152,255	69 061
UPPERWORKS WITH CARBODY:		
Carbody, upperworks with two drums, operator's cab, gantry, backhitch, equalizer and boom hoist line, boom butt, boom stops, and maximum length hoist and whip lines - - - - -	55,655	25 244
CRAWLERS:		
22 Ft. 4 in. (6 807 mm) crawler assembly with 36 in. (914 mm) treads (each) - - - - -	19,080	8 654
COUNTERWEIGHT - UPPER:		
1st (inner) - - - - -	28,500	12 927
2nd (outer) - - - - -	24,800	11 249
Total upperworks counterweight - - - - -	53,300	24 176
COUNTERWEIGHT - CRAWLER FRAME:		
Crawlers frame counterweight (4 required) (each) - - - - -	1,750	794
BOOM STOP:		
Lower tube (each) - - - - -	125	56
Upper tube (each) - - - - -	290	131
Spring (each) - - - - -	95	43
BOOM NO. 180:		
19 Ft. (5.8m) butt with wire rope guide - - - - -	2,000	907
21 Ft. (6.4m) top (with lower point and wire rope guide) - - - - -	2,190	993
10 Ft. (3.0m) insert - - - - -	635	288
10 Ft. (3.0m) insert (with jib backstay lugs) - - - - -	655	297
20 Ft. (6.1m) insert - - - - -	1,085	492
20 Ft. (6.1m) insert (with jib backstay lugs) - - - - -	1,105	501
40 Ft. (12.2m) insert - - - - -	2,030	920
40 Ft. (12.2m) insert (with jib backstay lugs) - - - - -	2,050	929
21 Ft. 0 in. (6.4m) basic pendant (each) - - - - -	115	52
10 Ft. 1 in. (3.1m) pendant (each) - - - - -	85	38
20 Ft. 1-1/2 in. (6.1m) pendant (each) - - - - -	115	52
40 Ft. 3 in. (12.3m) pendant (each) - - - - -	175	79
Equalizer - - - - -	450	204

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JIB NO. 10:		
15 Ft. (4.6m) butt - - - - -	340	154
15 Ft. (4.6m) top (with jib point) - - - - -	650	294
10 Ft. (3.0m) insert - - - - -	190	86
32 Ft. 3 in. (9.8m) basic pendant - - - - -	55	24
9 Ft. 0 in. (2.7m) pendant (each) - - - - -	20	9
Pendant link (each) - - - - -	5	2
12 Ft. 6 in. (3.8m) strut with sheave - - - - -	435	197
Backstay link (each) - - - - -	5	2
48 Ft. 4 in. (14.7m) backstay pendant (each) - - - - -	65	29
3 Ft. 9 in. (1.1m) backstay pendant (each) - - - - -	20	9
1 Ft. 10-1/2 in. (0.6m) backstay link - - - - -	25	11
Jib stop - - - - -	25	11
MACHINE OPTIONS:		
Auxiliary drum assembly - - - - -	930	421
20-7/16 in. (519 mm) Dia. lagging for front or rear drum - - - - -	305	138
Counterweight handling pendants and links - - - - -	130	58
BOOM AND JIB OPTIONS:		
Upper boom point (two sheaves) - - - - -	705	319
10 Ton (9t) hook and weight ball - - - - -	610	276
80 Ton (73t) 5 sheave load block with swivel hook - - - - -	2,470	1 120
WIRE ROPE:		
Boom Hoist		
480 Ft. (146m) of 5/8 in. (16 mm) wire rope - 0.72 Lbs. per Ft. (1.07 kg/m) - - - - -	345	156
Load Lines		
7/8 in. rotation resistant wire rope - 1.53 Lbs. per Ft. (2.28 kg/m)		
Hoist line - 725 Ft. (221m) - - - - -	1,110	503
Whip line - 525 Ft. (160m) - - - - -	805	365
22 mm rotation resistant wire rope 1.61 Lbs. per Ft. - (2.39 kg/m)		
Hoist line - 725 Ft. (221m) - - - - -	1,165	528
Whip line - 525 Ft. (160m) - - - - -	845	383
7/8 in. conventional wire rope 1.42 Lbs. per Ft. - (2.11 kg/m)		
Hoist line - 725 Ft. (221m) - - - - -	1,030	467
Whip line - 525 Ft. (160m) - - - - -	745	337