

Crane Weights

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	Weight	
	Pounds	Kilograms
LIFTCRANE:		
Upperworks and lowerworks complete with wide crawler arrangement, 2 swing drives, counterweight, gantry, backhitch, 100 Ft. (30.5m) No. 81 mast, mast stops, fully rigged 100 Ft. (30.5m) boom No. 80 with tandem boom points, upper boom point, 1,000 Ton (907t) block, 1,000 Ton (907t) hook, 30 Ton (27t) hook, boom stops and load lines - - - - -	1,796,880	815 051
UPPERWORKS REAR MACHINERY MODULE:		
Rotating bed rear section with drum 2 with 1,200 Ft. (366m) whip line, gantry, equalizer and mast hoist with mast hoist line - - - - -	79,675	36 139
UPPERWORKS FRONT MACHINERY MODULE:		
Rotating bed front section with pin pullers, drum 1 with load line, Cummins QSK19 power plant, hydraulic reservoir (full), fuel tank (1/2 full), boom stop beam and operators cab - - - - -	94,765	42 984
ADAPTER FRAME WITH CARBODY:		
Rotating bed adapter frame with bearing turntable, 2 swing drives and carbody - - - - -	93,600	42 456
MAST NO. 81 BUTT/TOP SHIPPING PACKAGE:		
20 Ft. (6.1m) mast butt, boom hoist drum with rope, boom hoist drum guide rollers, 3 wire rope guide sheaves, mast stops, mast butt supports, boom equalizer, 20 Ft. (6.1m) mast top with sheaves, straps and strap supports - - - - -	81,100	36 786
LOWERWORKS:		
Crawler beam (each) with pins, platforms, jacks and jack pads - - - - -	52,330	23 736
Carbody beam (each - wide crawler arrangement) with pins, pin-pullers and struts - - - - -	50,480	22 897
16 Ft. 4 in. (4 978 mm) dual crawler assembly (each set - 4 required) with drive motors and 48 in. (1 219 mm) treads - - - - -	71,920	32 622
LOWERWORKS OPTIONS:		
Outrigger (each) with pins, jacks and jack pads - - - - -	27,130	12 305
COUNTERWEIGHT - UPPER:		
Tray with pins, rear catwalk and lifting pendants - - - - -	25,885	11 741
Counterweight (28 total) (each)- - - - -	18,000	8 164
Platform with railings and pins - - - - -	745	337
60 Ft 0 in. (18.3m) tray pendant (each) - - - - -	50	22
Total upperworks counterweight - - - - -	530,700	240 721
COUNTERWEIGHT - LOWER:		
Carbody inner counterweight (2 required) (each) - - - - -	53,500	24 267
Carbody outer counterweight (2 required) (each) - - - - -	46,500	21 092
Total lowerworks counterweight - - - - -	200,000	90 718
GANTRY:		
28 Ft. 0 in. (8 534 mm) gantry with polyamide sheaves - - - - -	11,100	5 034
Backhitch (each leg) - - - - -	3,980	1 805

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MAST NO. 81:		
20 Ft. (6.1m) mast butt with guide sheaves and strap supports - - - - -	20,670	9 375
20 Ft. (6.1m) mast top with sheaves, wire rope guide, straps and strap supports - - - - -	22,120	10 033
40 Ft. (12.2m) insert with strap supports - - - - -	16,680	7 565
20 Ft. (6.1m) insert with strap supports - - - - -	8,315	3 771
15 Ft. (4.6m) backhitch strap (with connector links) (each) - - - - -	855	387
20 Ft. (6.1m) backhitch strap (with connector links) (each) - - - - -	1,050	476
10 Ft. 11-1/2 in. (3.3m) backhitch strap (each) - - - - -	650	294
Equalizer - - - - -	4,655	2 111
Mast stop tube (each) with strut and pins - - - - -	715	324
Mast support - - - - -	500	226
Wire rope guide (on mast butt for load lines - 3 sheaves) - - - - -	3,945	1 789
Boom hoist drum - - - - -	10,660	4 835
Boom hoist drum guide rollers - - - - -	515	233
 MAST NO. 81 OPTIONS:		
Wire rope guide (on 40 Ft. [12.2m] insert) for Drum 3 - - - - -	1,585	718
 BOOM NO. 80:		
30 Ft. 0 in. (9.1m) butt with pin pullers - - - - -	27,630	12 532
10 Ft. 0 in. (3.0m) top with tandem boom points and wire rope guide - - - - -	40,750	18 483
20 Ft. 0 in. (6.1m) tapered insert - - - - -	13,350	6 055
20 Ft. 0 in. (6.1m) insert - - - - -	14,380	6 522
40 Ft. 0 in. (12.2m) insert - - - - -	21,375	9 695
40 Ft. 0 in. (12.2m) insert with equalizer support - - - - -	22,960	10 414
8 Ft. 9-3/4 in. (2.7m) basic strap (each) - - - - -	535	242
20 Ft. 0 in. (6.1m) strap (with connector links) (each) - - - - -	1,050	476
40 Ft. 0 in. (12.2m) strap (with connector links) (each) - - - - -	1,815	823
7 Ft. 6-7/8 in. (2.3m) strap (with connector links) (each) - - - - -	635	288
Upper boom point (single sheave) - - - - -	3,000	1 360
Wire rope guide (on butt) - - - - -	3,365	1 526
Wire rope guide (on boom top) - - - - -	2,640	1 197
Lower boom point (each 600 Ton (544t) point) - - - - -	8,800	3 991
Equalizer - - - - -	6,135	2 782
Boom stop (each tube) - - - - -	1,895	859
 BOOM NO. 80-81:		
<i>Components from No. 80 boom are not included in this section</i>		
30 Ft. 0 in. (9.1m) top with lower boom point, wire rope guide and strap links - - - - -	30,980	14 052
20 Ft. 0 in. (6.1m) insert No. 81 boom - - - - -	7,990	3 624
40 Ft. 0 in. (12.2m) insert No. 81 boom - - - - -	13,820	6 268
20 Ft. 0 in. (6.1m) transition insert for No. 81 boom - - - - -	9,760	4 427
27 Ft. 8-1/4 in. (8.4m) basic strap (each) - - - - -	1,170	530
64 Ft. 1 in. (19.5m) intermediate suspension pendant (each) - - - - -	240	108
69 Ft. 9 in. (21.3m) intermediate suspension pendant (each) - - - - -	255	115
Intermediate suspension sheave (each) with 2 Ft. 6-1/4 in. (0.8m) straps and pins - - - - -	540	244
Intermediate suspension adjustable link (each) - - - - -	55	24
Lower boom point - - - - -	8,875	4 025
Wire rope guide (on boom top) - - - - -	800	362

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MACHINE OPTIONS:		
Drum 3 assembly - - - - -	9,590	4 349
Swing drive assemblies (each) - - - - -	1,850	839
BOOM NO. 80 OPTIONS:		
600 Ton (544t) load block with 600 (544t) Ton hook - - - - -	37,100	16 828
600 Ton (544t) load block with 1,000 Ton (907t) hook - - - - -	47,000	21 318
1,000 Ton (907t) load block with 1,000 Ton (907t) hook - - - - -	70,000	31 751
50 Ton (45t) load block (single sheave) - - - - -	5,500	2 494
30 Ton (27t) hook - - - - -	2,700	1 224
WIRE ROPE:		
Mast Hoist		
1,250 Ft. (381m) of 1 in. (26 mm) wire rope - 1.85 Lbs. per Ft. (2.75 kg/m) - - - - -	2,315	1 050
Boom Hoist		
5,350 Ft. (1 631m) of 32 mm wire rope - 3.20 Lbs. per Ft. (4.76 kg/m) - - - - -	17,120	7 765
Load Lines		
32 mm wire rope - 3.74 Lbs. per Ft. (5.57 kg/m)		
Hoist line - 5,500 Ft. (1 676m) - - - - -	20,570	9 330
Whip line - 1,200 Ft. (366m) - - - - -	4,490	2 036
1,325 Ft. (404m) 80-81 boom - - - - -	4,960	2 249
32 mm wire rope - 3.23 Lbs. per Ft. (4.81 kg/m)		
Hoist line - 5,500 Ft. (1 676m) - - - - -	17,765	8 058
Whip line - 1,200 Ft. (366m) - - - - -	3,875	1 757
1,325 Ft. (404m) 80-81 boom - - - - -	4,280	1 941