

Crane Weights

18000

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

	Weight	
	Pounds	Kilograms
LIFTCRANE:		
Upperworks and lowerworks complete, 4 swing drives, counterweight, 30 Ft. (9.1m) live mast, backhitch, 100 Ft. (30.5m) No. 56 Mast, mast stops, 30 Ton (27t) hook and weight ball, boom stops and load lines (includes self-erect and MAX-ER prep)		
When equipped with fully rigged 120 Ft. (36.6m) Boom No. 55-79A, standard upper boom point, and 500 Ton (454t) block - - - - -	1,478,930	670 831
When equipped with fully rigged 120 Ft. (36.6m) Boom No. 55 or No. 55A, heavy duty upper boom point, and 661 Ton (600t) block - - - - -	1,513,720	686 611
UPPERWORKS REAR MACHINERY MODULE:		
Rotating bed rear section with pin pullers, upperworks jacking system, 30 Ft. (9.1m) live mast, mast hoist with mast hoist line, Cummins QXF15 power plant, hydraulic reservoir (full), fuel tank (1/2 full) and operators cab (drum 3 and catwalks removed) - - - - -	104,435	47 370
Upperworks jacking system removed - - - - -	88,335	40 068
ADAPTER FRAME WITH CARBODY:		
Rotating bed adapter frame with bearing turntable, 4 swing drives and carbody (includes MAX-ER prep) - - - - -	95,900	43 499
MAST NO. 56 BUTT/TOP SHIPPING PACKAGE:		
20 Ft. (6.1m) mast butt, boom hoist drum with rope, boom hoist drum guide rollers, wire rope guide sheave, mast stops, mast butt supports, boom equalizer, 20 Ft. (6.1m) mast top with sheaves and straps (includes MAX-ER prep) - - - - -	57,800	26 217
BOOM NO. 55 BUTT SHIPPING PACKAGE:		
20 Ft. (6.1m) boom butt, load hoist drum with rope, luffing drum with rope, rigging winch with rope, cable reel, boom stops and boom hinge pin-pullers - - - - -	57,875	26 251
BOOM NO. 55 - 10 Ft. (3.0m) INSERT SHIPPING PACKAGE:		
10 Ft. (3.0m) insert, load hoist drum with rope and wire rope guide - - - - -	35,960	16 311
CRAWLERS:		
38 Ft. 9 in. (11 811 mm) crawler assembly (each) with drive and 60 in. (1 524 mm) treads - - -	88,255	40 031
COUNTERWEIGHT - UPPER:		
Tray (each) - - - - -	12,050	5 465
Counterweight (28 total) (each) - - - - -	18,000	8 164
Rear catwalk with railings - - - - -	1,290	585
Total upperworks counterweight - - - - -	528,000	239 496
COUNTERWEIGHT - LOWER:		
Counterweight tray (each) - - - - -	28,000	12 700
Counterweight (each) (6 total - 3 front, 3 rear) - - - - -	44,000	19 958
Stairway (each) - - - - -	250	113
Total lowerworks counterweight - - - - -	320,000	145 149



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30 Ft. (9.1m) LIVE MAST:		
30 Ft. (9.1m) mast with straps - - - - -	9,660	4 381
MACHINE OPTIONS:		
Drum 3 assembly (whip line without rope) - - - - -	5,250	2 381
Upperworks jacking system - - - - -	14,700	6 667
Swing drive assemblies (each) - - - - -	1,765	800
Rotating bed alignment pendants (each) - - - - -	65	29
LOWERWORKS OPTIONS:		
Carbody pedestals with pads (each) - - - - -	410	185
MAST NO. 56:		
20 Ft. (6.1m) mast butt with boom hoist drum with rope and guide sheave - - - - -	33,905	15 379
20 Ft. (6.1m) mast top with sheaves, wire rope guide and straps - - - - -	20,485	9 291
40 Ft. (12.2m) insert with straps - - - - -	13,940	6 323
20 Ft. (6.1m) insert with straps - - - - -	8,490	3 850
7 Ft. 1 in. (2.2m) upper backhitch strap (each) - - - - -	485	219
13 Ft. 4-1/4 in. (4.1m) lower backhitch strap (each) - - - - -	615	278
40 Ft. (6.1m) backhitch strap (with connector links) (each) - - - - -	1,805	818
14 Ft. 8 in. (4.5m) backhitch strap (each) - - - - -	665	301
Mast stop tube (each) with strut and pins - - - - -	1,030	467
Mast support (each) - - - - -	335	151
Wire rope guide (on mast butt for whip line) - - - - -	490	222
Wire rope guide (on 20 Ft. [6.1m] insert for whip line) - - - - -	600	272
Boom hoist drum without rope - - - - -	8,110	3 678
BOOM NO. 55-79A:		
20 Ft. (6.1m) butt No. 55 - - - - -	18,440	8 364
30 Ft. (9.1m) top with straps, upper and lower point and wire rope guide - - - - -	26,620	12 074
20 Ft. (6.1m) insert No. 79 with straps - - - - -	7,260	3 293
40 Ft. (12.2m) insert No. 79 with straps - - - - -	12,130	5 502
40 Ft. (12.2m) transition insert No. 55-79 with links - - - - -	12,110	5 493
10 Ft. (3.0m) insert No. 55 - - - - -	7,680	3 483
20 Ft. (6.1m) insert No. 55 - - - - -	10,715	4 860
40 Ft. (12.2m) insert No. 55 with sheaves - - - - -	19,640	8 908
28 Ft. 2-15/16 in. (8.6m) basic strap (each) - - - - -	355	161
20 Ft. (6.1m) strap (with connector links) (each) - - - - -	290	131
40 Ft. (12.2m) strap (with connector links) (each) - - - - -	525	238
Links (attached to equalizer) (each set) with pins - - - - -	95	43
Equalizer with pins - - - - -	3,675	1 666
Boom stop (each tube) - - - - -	1,795	814
Drum 1 or 2 assembly (load hoist without rope) - - - - -	9,970	4 522

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BOOM NO. 55 OR NO. 55A:		
20 Ft. (6.1m) butt - - - - -	18,440	8 364
30 Ft. (9.1m) top with straps, upper and lower point and wire rope guide - - - - -	40,700	18 461
10 Ft. (3.0m) insert - - - - -	7,680	3 483
20 Ft. (6.1m) insert - - - - -	10,715	4 860
40 Ft. (12.2m) insert - - - - -	18,485	8 384
40 Ft. (12.2m) insert with equalizer rails - - - - -	19,185	8 702
40 Ft. (12.2m) insert (medium) - - - - -	13,685	6 207
40 Ft. (12.2m) insert with sheaves - - - - -	19,640	8 908
28 Ft. 2-11/16 in. (8.6m) basic strap (each) - - - - -	755	342
20 Ft. (6.1m) strap (with connector links) (each) - - - - -	610	276
40 Ft. (12.2m) strap (with connector links) (each) - - - - -	1,120	508
Links (attached to equalizer) (each set) with pins - - - - -	110	49
Equalizer with pins - - - - -	3,675	1 666
Boom stop (each tube) - - - - -	1,795	814
Drum 1 or 2 assembly (load hoist without rope) - - - - -	9,970	4 522
LUFFING JIB NO. 44:		
40 Ft. (12.2m) butt - - - - -	8,605	3 903
12 Ft. (3.7m) lower butt - - - - -	4,430	2 009
28 Ft. (8.5m) upper butt - - - - -	5,305	2 406
30 Ft. (9.1m) top with straps, upper and lower point - - - - -	14,090	6 391
10 Ft. (3.0m) insert No. 44 - - - - -	1,890	857
20 Ft. (6.1m) insert No. 44 - - - - -	3,215	1 458
40 Ft. (12.2m) insert No. 44 - - - - -	5,420	2 458
Luffing jib adapter - - - - -	4,600	2 086
31 Ft. 1-3/16 in. (9.5m) basic strap (each) - - - - -	400	181
20 Ft. (6.1m) strap (with connector links) (each) - - - - -	290	131
40 Ft. (12.2m) strap (with connector links) (each) - - - - -	525	238
Adjustable strap (each) with pins - - - - -	1,565	709
50 Ft. (15.2m) jib strut with guide sheave, luffing sheaves and links - - - - -	13,285	6 025
47 Ft. (14.3m) main strut with luffing sheaves and links - - - - -	9,425	4 275
Luffing wire rope guide - - - - -	1,070	485
38 Ft. 2 in. (11.6m) backstay basic strap (with connector links) (each) - - - - -	510	231
10 Ft. (3.0m) backstay strap (with connector links) (each) - - - - -	175	79
20 Ft. (6.1m) backstay strap (with connector links) (each) - - - - -	290	131
40 Ft. (12.2m) backstay strap (with connector links) (each) - - - - -	525	238
40 Ft. (12.2m) transition backstay strap (with connector links) (each) - - - - -	525	238
10 Ft. (3.0m) No. 55 backstay strap (with connector links) (each) - - - - -	405	183
20 Ft. (6.1m) No. 55 backstay strap (with connector links) (each) - - - - -	675	306
40 Ft. (12.2m) No. 55 backstay strap (with connector links) (each) - - - - -	1,220	553
Backstay link (attached to boom butt) (each) - - - - -	115	52
Luffing jib stop assembly - - - - -	1,850	839
Upper point (single sheave) with rollers - - - - -	1,220	553



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FIXED JIB NO. 79A:

	Weight	
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20 Ft. (6.1m) butt No. 79A - - - - -	10,295	4 669
30 Ft. (9.1m) top with double straps, upper (heavy duty) and lower point and wire rope guide - -	27,780	12 600
20 Ft. (6.1m) insert No. 79 with double straps - - - - -	7,835	3 553
40 Ft. (12.2m) insert No. 79 with double straps - - - - -	13,180	5 978
28 Ft. 2-15/16 in. (8.6m) basic strap (each) - - - - -	355	161
20 Ft. (6.1m) jib strap with links (each) - - - - -	290	131
40 Ft. (12.2m) jib strap with links (each) - - - - -	525	238
Equalizing link (each) - - - - -	375	170
10 Ft. (3.0m) strap (with connector links) (each) (20 degree offset) - - - - -	355	161
7 Ft. (2.1m) strap (with connector links) (each) - - - - -	345	156
4 Ft. 9 in. (1.4m) strap with pin (each) - - - - -	195	88
4 Ft. 9 in. (1.4m) link with pin (set each) - - - - -	185	83
6 Ft. 2 in. (1.9m) strap with pin (each) - - - - -	265	120
Jib stop assembly (each) - - - - -	1,890	857
Jib hinge pins/link assembly (each) - - - - -	340	154
29 Ft. (8.8m) strut butt - - - - -	5,325	2 415
21 Ft. (6.4m) strut top - - - - -	4,625	2 097
1 Ft. 5 in. (0.4m) spreader link with pins - - - - -	690	312
1 Ft. 10 in. (0.6m) link with pins (each) - - - - -	225	102
1 Ft. 10 in. (0.6m) link (each) - - - - -	135	61
1 Ft. 7 in. (0.5m) spreader link with pins (each) - - - - -	535	242
Adjustable link with pins (each) - - - - -	585	265
7 Ft. 4 in. (2.2m) backstay strap (each) - - - - -	275	124
30 Ft. (9.1m) backstay strap with links (each) - - - - -	865	392
20 Ft. (6.1m) backstay strap with links (each) - - - - -	610	276
40 Ft. (12.2m) backstay strap with links (each) - - - - -	1,120	508
10 Ft. (3.0m) backstay strap with links (each) - - - - -	355	161
1 Ft. 11-1/2 in. (0.6m) backstay link, pins (each set) - - - - -	115	52

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	Weight	
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LUFFING JIB NO. 79A:		
20 Ft. (6.1m) butt No. 79A - - - - -	10,315	4 678
30 Ft. (9.1m) top with double straps, upper (heavy duty) and lower point and wire rope guide - -	27,835	12 625
20 Ft. (6.1m) insert No. 79 with double straps - - - - -	7,835	3 553
20 Ft. (6.1m) insert No. 79 without straps - - - - -	6,700	3 039
40 Ft. (12.2m) insert No. 79 with double straps - - - - -	13,180	5 978
28 Ft. 2-15/16 in. (8.6m) basic strap (each) - - - - -	355	161
20 Ft. (6.1m) jib strap with links (each) - - - - -	290	131
40 Ft. (12.2m) jib strap with links (each) - - - - -	525	238
Equalizing link (each) - - - - -	375	170
8.63 in. (0.2m) link, pins (each set) - - - - -	85	38
17 Ft. 10-1/2 in. (5.4m) strap (each) - - - - -	495	224
1 Ft. 6 in. (0.5m) link (each) - - - - -	115	52
Spreader with pins - - - - -	180	81
13 Ft. 10-1/4 in. (4.2m) strap - - - - -	850	385
Spreader link, pins - - - - -	100	45
1 Ft. 6 in. (0.5m) link (each) - - - - -	120	54
4 Ft. 2 in. (1.3m) strap, pin (each) - - - - -	380	172
Jib hinge pins/link assembly (each) - - - - -	340	154
Jib stop assembly (each) - - - - -	2,715	1 231
Automatic jib stop assembly - - - - -	40	18
30 Ft. (9.1m) jib strut top with point sheaves - - - - -	8,790	3 987
29 Ft. (8.8m) jib strut butt with wire rope guide - - - - -	5,900	2 676
21 Ft. (6.4m) main strut top with point sheaves and raising pendant - - - - -	8,550	3 878
29 Ft. (8.8m) main strut butt - - - - -	5,365	2 433
Main strut stop assembly (each) - - - - -	1,980	898
8 Ft. 9-1/4 in. (2.7m) strap (each) - - - - -	260	117
4 Ft. (1.2m) link with pins (each set) - - - - -	180	81
3 Ft. 10-1/2 in. (14.2m) adjustable strap (each) - - - - -	160	72
20 Ft. (6.1m) backstay strap with link (each) - - - - -	610	276
40 Ft. (12.2m) backstay strap with link (each) - - - - -	1,120	508
10 Ft. (3.0m) backstay strap with link (each) - - - - -	360	163
1 Ft. 11-1/2 in. (0.6m) backstay link with pin (each set) - - - - -	115	52
Boom dolly with adapter frame, pins - - - - -	7,800	3 538
BOOM OPTIONS:		
Drum 6 assembly (luffing hoist with rope) - - - - -	11,615	5 268
Standard upper boom point (single sheave) - - - - -	1,115	505
Heavy duty upper boom point (single sheave) - - - - -	1,630	739
25 FT. (7.6m) extended upper boom point with load sensor - - - - -	10,570	4 794
661 Ton (600t) load block - - - - -	25,100	11 385
500 Ton (454t) load block - - - - -	24,500	11 113
496 Ton (450t) load block - - - - -	24,710	11 205
450 Ton (408t) load block - - - - -	21,300	9 661
350 Ton (318t) load block - - - - -	17,400	7 892
276 Ton (250t) load block - - - - -	19,300	8 750
110 Ton (100t) load block - - - - -	10,260	4 650
100 Ton (91t) load block (self-erect) - - - - -	3,900	1 769
30 Ton (27t) hook and weight ball - - - - -	2,800	1 270
15 Ton (14t) hook and weight ball - - - - -	1,800	816



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	Weight	
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WIRE ROPE:		
Mast hoist - 1,230 Ft. (375m) of 22 mm wire rope - 1.80 Lbs. per Ft. (2.68 kg/m) - - - - -	2,215	1 004
Boom hoist - 4,370 Ft. (1 332m) of 1-1/8 in. (28.6 mm) wire rope - 2.60 Lbs. per Ft. (3.87 kg/m) - - - - -	11,360	5 152
Luffing Jib Hoist		
1 in. (25.4 mm) wire rope - 2.00 Lbs. per Ft. (2.98 kg/m)		
1,700 Ft. (518m) No. 44 Luffing Jib - - - - -	3,400	1 542
3,100 Ft. (945m) No. 79A Luffing Jib - - - - -	6,200	2 812
Load lines		
32 mm wire rope - 3.74 Lbs. per Ft. (5.57 kg/m)		
3,700 Ft. (1 128m) Drum 1 - - - - -	13,840	6 277
3,400 Ft. (1 036m) Drum 2 - - - - -	12,715	5 767
28 mm wire rope - 2.76 Lbs. per Ft. (4.11 kg/m)		
4,800 Ft. (1 463m) Drum 1 - - - - -	13,250	6 010
4,000 Ft. (1 158m) Drum 2 - - - - -	11,040	5 007
Whip lines		
28 mm wire rope - 2.76 Lbs. per Ft. (4.11 kg/m)		
1,900 Ft. (579m) Drum 3 - - - - -	5,245	2 379