

Crane Weights

MAX-ER 2000 On 2250

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

	Weight	
	Pounds	Kilograms
LIFTCRANE:		
Upperworks and lowerworks complete, 2 swing drives, counterweight, gantry, backhitch, MAX-ER equipped with 462,000 Lb. (209 560 kg) wheeled counterweight, 130 Ft. (39.6m) No. 44 Mast, fully rigged 120 Ft. (42.7m) Boom No. 79 [including upper boom point, 500 Ton (453t) block and 15 Ton (14t) hook], boom stops, and load lines - - - - -	1,103,575	500 573
COUNTERWEIGHT - CRANE:		
Tray - - - - -	38,775	17 588
Lifting frame (each) 2 required - - - - -	140	63
Center counterweight - - - - -	37,000	16 782
Lower side counterweight (6 required) (each) - - - - -	15,500	7 030
Upper power pin with cylinder (each) - - - - -	30	13
Lower power pin with cylinder (each) - - - - -	20	9
Total crane counterweight - - - - -	169,200	76 747
COUNTERWEIGHT - WHEELED:		
Side counterweight box (each) 4 required - - - - -	20,000	9 071
Side counterweight box (each) 8 required - - - - -	19,500	8 845
Center top counterweight box (each) 4 required - - - - -	15,000	6 803
Center middle counterweight box (each) 2 required - - - - -	21,250	9 638
Center bottom counterweight box (each) 2 required - - - - -	21,250	9 638
Wheeled counterweight trailer assembly with strap cylinders - - - - -	77,420	35 117
Front trailer insert - - - - -	2,565	1 163
Rear trailer insert - - - - -	2,565	1 163
Adapter arm - - - - -	2,800	1 270
Total wheeled counterweight - - - - -	462,000	209 559
COUNTERWEIGHT - CARBODY:		
Carbody center counterweight (each) 2 required - - - - -	30,000	13 607
MAST ASSEMBLY - 130 Ft. (39.6m):		
40 Ft. (12.2m) butt - - - - -	10,215	4 633
40 Ft. (12.2m) top with sheaves in point, links and straps - - - - -	15,810	7 171
10 Ft. (3.0m) insert - - - - -	1,890	857
40 Ft. (12.2m) insert - - - - -	6,115	2 773
16 Ft. 10-1/4 in. (5.1m) backhitch strap (each) - - - - -	355	161
17 Ft. 0-1/8 in. (5.1m) backhitch strap (each) - - - - -	355	161
26 Ft. 10-5/8 in. (8.2m) backhitch strap (each) - - - - -	575	260
3 Ft. 9-1/8 in. (1.1m) backhitch strap (each) - - - - -	115	52
1 Ft. 1 in. (0.3m) backhitch link set (each) with pins and collars - - - - -	100	45
Backhitch spreader bar - - - - -	1,625	737
Backhitch link (each) attached to equalizer - - - - -	55	24
Equalizer with pins - - - - -	1,925	873
Mast and boom adaptor - - - - -	4,305	1 952
Mast stop - - - - -	2,230	1 011
34 Ft. 5-3/4 in. (10.5m) counterweight strap (each) - - - - -	740	335
26 Ft. 10-5/8 in. (8.2m) counterweight strap (each) - - - - -	575	260
26 Ft. 6 in. (8.1m) counterweight strap (each) - - - - -	525	238
1 Ft. 1 in. (0.3m) counterweight link set (each) with pins and collars - - - - -	100	45
2 Ft. (0.6m) counterweight link set (each) with pins and collars - - - - -	195	88



Crane Weights

MAX-ER 2000 On 2250

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

	Weight	
	Pounds	Kilograms
NO. 79 BOOM:		
30 Ft. (9.1m) butt - - - - -	12,165	5 517
5 Ft. (1.5m) top with lower point and wire rope guide - - - - -	15,595	7 073
25 Ft. (7.6m) transition insert - - - - -	7,340	3 329
20 Ft. (6.1m) insert - - - - -	6,725	3 050
40 Ft. (12.2m) insert - - - - -	11,145	5 055
40 Ft. (12.2m) insert with equalizer platform - - - - -	11,365	5 155
1 Ft. 0 in. (0.3m) link (each) boom top - - - - -	65	29
4 Ft. 10-1/2 in. (1.5m) basic strap (with connector links) (each) - - - - -	115	52
25 Ft. (7.6m) basic strap (with connector links) (each) - - - - -	350	158
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) 2 with pins - - - - -	75	34
Equalizer - - - - -	2,160	979
Equalizer fork with pins - - - - -	635	288
Equalizer weight box with jaw and hook - - - - -	3,015	1 367
Upper boom point (single sheave) - - - - -	725	328
Lower wire rope guide [on 40 Ft. (12.2m) insert] - - - - -	410	185
Upper wire rope guide [on 40 Ft. (12.2m) insert] - - - - -	410	185
Drum No. 9 (bare) - - - - -	8,750	3 968
Boom stop (each tube) - - - - -	305	138
Boom stop strut (each) with pins - - - - -	30	13
NO. 79/44 BOOM (Additional Components):		
30 Ft. (9.1m) top with lower point and wire rope guide - - - - -	12,830	5 819
20 Ft. (6.1m) insert - No. 44 - - - - -	3,215	1 458
40 Ft. (12.2m) insert - No. 44 - - - - -	5,420	2 458
15 Ft. (4.6m) transition insert - No. 79/44 - - - - -	4,830	2 190
Upper boom point (single sheave) - - - - -	1,300	589
Wire rope guide (on transition insert) - - - - -	765	346
31 Ft. 1-3/16 in. (9.5m) basic strap (each) - - - - -	425	192
11 Ft. 10-3/4 in. (3.6m) strap (with connector links) (each) - - - - -	325	147
20 Ft. 0 in. (6.1m) strap (with connector links) (each) - - - - -	295	133
40 Ft. 0 in. (12.2m) strap (with connector links) (each) - - - - -	540	244
Intermediate suspension sheave assembly (each) - - - - -	80	36
57 Ft. 1 in. (17.4m) intermediate suspension pendant (each) - - - - -	100	45
50 Ft. 2 in. (15.3m) intermediate suspension pendant (each) - - - - -	90	40
Intermediate suspension shackle (each) - - - - -	20	9
Boom suspension link - - - - -	175	79
Intermediate suspension links (2 with pins) - - - - -	40	18

Crane Weights

MAX-ER 2000 On 2250

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

	Weight	
	Pounds	Kilograms
NO. 44 LUFFING JIB:		
40 Ft. (12.2m) butt - - - - -	8,605	3 903
30 Ft. (9.1m) top with lower point and wire rope guide - - - - -	12,040	5 461
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
31 Ft. 1-3/16 in. (9.5m) basic strap (each) - - - - -	400	181
20 Ft. 0 in. (6.1m) strap (with connector links) (each) - - - - -	295	133
40 Ft. 0 in. (12.2m) strap (with connector links) (each) - - - - -	540	244
Adjustable strap (each) with pins - - - - -	1,565	709
50 Ft. 0 in. (15.2m) jib strut with guide sheave, luffing sheaves and links - - - - -	13,285	6 025
47 Ft. 0 in. (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) - - - - -	410	185
20 Ft. 0 in. (6.1m) backstay strap (with connector links) (each) - - - - -	295	133
40 Ft. 0 in. (12.2m) backstay strap (with connector links) (each) - - - - -	540	244
8 Ft. 1-51/64 in. (2.5m) backstay strap (attached to boom butt) (each) - - - - -	150	68
Luffing jib stop assembly - - - - -	1,850	839
Upper point (single sheave) with rollers - - - - -	1,220	553
NO. 44 FIXED JIB (Additional Components):		
Strap (each) main strut to jib strut - - - - -	290	131
Strap support (each) on jib strut - - - - -	35	15
Link (each) with pins - - - - -	115	52
Sheave and sheave support (attached to straps) - - - - -	30	13
NO. 132 JIB:		
20 Ft. 0 in. (6.1m) butt - - - - -	1,020	462
20 Ft. 0 in. (6.1m) top (with jib point sheaves) - - - - -	1,885	855
20 Ft. 0 in. (6.1m) insert - - - - -	800	362
40 Ft. 0 in. (12.2m) basic pendant (each) - - - - -	175	79
19 Ft. 2 in. (5.8m) pendant (each) - - - - -	115	52
Jib stop pendant and link (each) - - - - -	35	15
20 Ft. 0 in. (6.1m) strut with sheave and links - - - - -	1,360	616
65 Ft. 7 in. (20.0m) backstay pendant (each) - - - - -	240	108
26 Ft. 8 in. (8.1m) backstay pendant (each) - - - - -	140	63
7 Ft. 4 in. (2.2m) backstay pendant (each) - - - - -	80	36
3 Ft. 8 in. (1.1m) backstay link (each) - - - - -	65	29
Backstay link (each) - - - - -	35	15
Backstay support (each) - - - - -	315	142



Crane Weights

MAX-ER 2000 On 2250

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

	Weight	
	Pounds	Kilograms
NO. 133/133A LUFFING JIB:		
30 Ft. 0 in. (9.1m) butt - - - - -	3,160	1 433
40 Ft. 0 in. (12.2m) top (with lower point, upper point roller and wire rope guide) - - - - -	7,255	3 290
10 Ft. 0 in. (3.0m) insert - - - - -	965	437
20 Ft. 0 in. (6.1m) insert - - - - -	1,770	802
40 Ft. 0 in. (12.2m) insert - - - - -	3,260	1 478
Pendant ratchet link (each) - - - - -	130	58
71 Ft. 3 in. (21.7m) basic pendant (each) - - - - -	385	174
10 Ft. 1 in. (3.1m) pendant (each) - - - - -	135	61
20 Ft. 1-1/2 in. (6.1m) pendant (each) - - - - -	175	79
40 Ft. 3 in. (12.3m) pendant (each) - - - - -	260	117
Pendant spreader - - - - -	130	58
33 Ft. 6 in. (10.2m) jib strut with guide sheave, luffing sheaves and links - - - - -	4,550	2 063
31 Ft. 0 in. (9.4m) main strut with luffing sheaves and links - - - - -	4,450	2 018
Luffing wire rope guide - - - - -	1,070	485
73 Ft. 6 in. (22.4m) basic backstay pendant (each) - - - - -	395	179
Backstay ratchet link (each) - - - - -	185	83
Backstay pin in boom butt (each) - - - - -	285	129
Strut stop tube with pins (each) - - - - -	130	58
25 Ft. 9 in. (7.8m) strut handling pendant (each) - - - - -	30	13
Strut handling link with pin (on main strut) (each) - - - - -	5	2
Strut handling link, wedge socket and pins - - - - -	45	20
Jib stop tube assembly - - - - -	445	201
30 Ft. 0 in. (9.1m) jib stop pendant (each) - - - - -	110	49
11 Ft. 2 in. (3.4m) jib stop pendant (each) - - - - -	75	34
NO. 140 JIB:		
20 Ft. 0 in. (6.1m) butt - - - - -	1,020	462
20 Ft. 0 in. (6.1m) top (with jib point sheaves) - - - - -	2,375	1 077
20 Ft. 0 in. (6.1m) insert - - - - -	800	362
40 Ft. 0 in. (12.2m) basic pendant (each) - - - - -	175	79
19 Ft. 2 in. (5.8m) pendant (each) - - - - -	115	52
Jib stop pendant and link (each) - - - - -	95	43
20 Ft. 0 in. (6.1m) strut with sheave and links - - - - -	1,360	616
83 Ft. 8-1/8 in. (25.5m) backstay pendant (each) - - - - -	300	136
Backstay support - - - - -	515	233
Jib stop strut with pins - - - - -	60	27
6 Ft. 0 in. (1.8m) jib stop pendant (each) - - - - -	20	9
7 Ft. 7 in. (2.3m) jib stop pendant (each) - - - - -	20	9
Jib stop adjustable link (each) - - - - -	5	2
BOOM OPTIONS:		
500 Ton (454t) load block with swivel hook - - - - -	16,500	7 484
100 Ton (91t) load block with weight plates - - - - -	9,800	4 445
60 Ton (55t) load block with weight plates - - - - -	4,425	2 007
30 Ton (27t) load block with weight plates - - - - -	3,500	1 587
15 Ton (14t) swivel hook with weight plates - - - - -	1,900	861



Crane Weights

MAX-ER 2000 On 2250

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

		Weight	
		Pounds	Kilograms
WIRE ROPE:			
Boom Hoist - 2,600 Ft. (792m) of 1-1/8 in. (28.6 mm) wire rope - 2.58 Lbs. per Ft. (3.84 kg/m) - -		6,710	3 043
Luffing Jib Hoist			
1 in. (25.4 mm) wire rope - 2.03 Lbs. per Ft. (3.02 kg/m)			
1,625 Ft. (495m) No. 44 Luffing Jib - - - - -		3,300	1 496
1,150 Ft. (351m) No. 133/133A Luffing Jib - - - - -		2,335	1 059
Load Lines			
1-1/8 in. (28.6 mm) wire rope - 2.58 Lbs. per Ft. (3.84 kg/m)			
4,400 Ft. (1 341m) No. 79 Boom - - - - -		11,350	5 148
4,200 Ft. (1 280m) No. 79-44 Boom - - - - -		10,835	4 914
3,800 Ft. (1 158m) No. 44 Luffing Jib - - - - -		9,805	4 447
3,500 Ft. (1 067m) No. 44 Fixed Jib - - - - -		9,030	4 095
2,750 Ft. (838m) No. 133/133A Luffing Jib - - - - -		7,095	3 218
Alternate Load Lines			
1-1/8 in. (28.6 mm) wire rope - 2.70 Lbs. per Ft. (4.02 kg/m)			
4,400 Ft. (1 341m) No. 79 Boom - - - - -		11,880	5 388
4,200 Ft. (1 280m) No. 79-44 Boom - - - - -		11,340	5 143
3,800 Ft. (1 158m) No. 44 Luffing Jib - - - - -		10,260	4 653
3,500 Ft. (1 067m) No. 44 Fixed Jib - - - - -		9,450	4 286
2,750 Ft. (838m) No. 133/133A Luffing Jib - - - - -		7,425	3 367
1 in. (25.4 mm) wire rope - 2.03 Lbs. per Ft. (3.02 kg/m)			
4,400 Ft. (1 341m) No. 44 Fixed Jib - maximum capacity - - - - -		8,930	4 050
1,450 Ft. (442m) No. 44 Fixed Jib - full hoisting range - - - - -		2,945	1 335
Whip Lines			
1 in. (25.4 mm) wire rope - 2.03 Lbs. per Ft. (3.02 kg/m)			
1,150 Ft. (351m) No. 79 Boom - - - - -		2,335	1 059
1,825 Ft. (556m) No. 79-44 Boom - - - - -		3,705	1 680
1-1/8 in. (28.6 mm) wire rope - 2.70 Lbs. per Ft. (4.02 kg/m)			
1,375 Ft. (419m) No. 44 Luffing Jib - - - - -		3,715	1 685
1,325 Ft. (404m) No. 44 Fixed Jib - - - - -		3,580	1 623
1,060 Ft. (323m) No. 133/133A Luffing Jib - - - - -		2,860	1 297
1,725 Ft. (526m) No. 140 Fixed Jib on No. 133/133A Luffing Jib - - -		4,660	2 113