

Crane Weights

MAX-ER 225 On 2250 2250 With Mast - 130 Ft.

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, 130 Ft. (39.6m) mast, fully rigged 140 Ft. (42.7m) boom No. 49A-44 with heavy lift top (including upper boom point, 300 Ton (272t) block and 15 Ton (14t) hook and weight ball), boom stops, and load lines		
MAX-ER 225 On 2250	859,995	390 087
2250 With Mast - 130 Ft.	634,995	288 028
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 - HANGING:		
Handling frame	5,315	2 410
Counterweight support frame	28,900	13 108
Counterweight box (each) 9 required	20,000	9 071
Counterweight box - 1 required	10,000	4 535
Pendant 6 Ft. 0 in. (1.8m) (each) 4 required	180	81
Pin (each) 4 required (pendant to support frame)	25	11
COUNTERWEIGHT - WHEELED:		
Counterweight box (each) 6 required	20,000	9 071
Counterweight box	10,000	4 535
Counterweight box	8,650	3 923
Top left side counterweight box	10,750	4 876
Top right side counterweight box	10,750	4 876
Lower center counterweight box	18,400	8 346
Wheeled counterweight carrier assembly	25,600	11 611
Counterweight support frame	28,900	13 108
Counterweight link (each) 2 required	320	145
Pin (each) 4 required (ctwt link)	55	24
Lifting beam	170	77
Pendant 4 Ft. 9 in. (1.4m) (each) 4 required	40	18
Pin (each) 4 required (pendant)	10	4
Pendant 7 Ft. 4 in. (2.2m) (each) 2 required	105	47
COUNTERWEIGHT - CARBODY:		
Carbody center counterweight (each) 2 required	30,000	13 607

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MAST ASSEMBLY - 130 FT. (39.6m):		
40 Ft. (12.2m) butt - - - - -	8,605	3 903
40 Ft. (12.2m) top with sheaves in point, links and straps - - - - -	18,365	8 330
10 Ft. (3.0m) insert - - - - -	1,850	839
40 Ft. (12.2m) insert - - - - -	5,540	2 512
Backhitch top (each) - - - - -	2,060	934
Backhitch butt (each) - - - - -	2,600	1 179
Backhitch insert (each) - - - - -	1,000	453
Mast and boom adaptor - - - - -	2,800	1 270
Wire rope guide - mounted on mast and boom adaptor - - - - -	5,300	2 404
Counterweight adaptor - - - - -	3,740	1 696
Strap - lower backhitch (each) with pin - - - - -	275	124
Backhitch adaptor (complete) - - - - -	2,260	1 025
Pendant link (each) with pin - - - - -	120	54
Pendant 39 Ft. 6 in. (12.0m) (each) - - - - -	665	301
Pendant 28 Ft. 10-5/8 in. (8.8m) (each) - - - - -	140	63
Pendant 11 Ft. 10-1/8 in. (3.6m) (each) - - - - -	90	40
Pendant 46 Ft. 8-5/8 in. (14.2m) (each) - - - - -	190	86
Pendant equalizer link (each) - - - - -	75	34
Link - attached to equalizer (each) with pin - - - - -	90	40
Equalizer with pins - - - - -	1,060	480
Equalizer frame - - - - -	2,600	1 179
Cylinder - - - - -	1,660	752
Counterweight support beam with pins - - - - -	1,450	657
NO. 49A-44 BOOM:		
40 Ft. (12.2m) Butt - No. 49A - - - - -	13,000	5 896
30 Ft. (9.1m) top - No. 44 with lower point and wire rope guide - - - - -	11,030	5 003
30 Ft. (9.1m) transition insert - No. 49A-44 - - - - -	7,455	3 381
20 Ft. (6.1m) insert - No. 44 - - - - -	3,215	1 458
40 Ft. (12.2m) insert - No. 49A - - - - -	11,080	5 025
40 Ft. (12.2m) insert - No. 44 - - - - -	5,420	2 458
31 Ft. 1-3/16 in. (9.5m) basic strap (each) - - - - -	425	192
13 Ft. 0 in. (4.0m) strap (with connector links) (each) - - - - -	205	92
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
Upper boom point (single sheave) - - - - -	905	410
Wire rope guide (on butt) - - - - -	2,980	1 351
Equalizer (polyamide sheaves) - - - - -	1,880	852
Pendant links (attached to equalizer) - - - - -	110	49
Boom stop (each tube) - - - - -	1,150	521
Boom stop support beam - - - - -	1,450	657

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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
69 Ft. 9 in. (21.3m) backstay pendant (each) - - - - -	255	115
7 Ft. 4 in. (2.2m) backstay pendant (each) - - - - -	80	36
Backstay link (each) - - - - -	65	29
Backstay support (each) - - - - -	315	142
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

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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) - - - - -	94	42
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:		
300 Ton (272t) load block with swivel hook - - - - -	8,000	3 628
60 Ton (55t) load block with weight plates - - - - -	4,425	2 007
30 Ton (27t) load block with weight plates - - - - -	2,000	907
15 Ton (14t) hook and weight ball (swivel) - - - - -	1,250	566
WIRE ROPE:		
Boom hoist - 2,150 Ft. (655m) of 1 in. (26 mm) wire rope - 1.85 Lbs. per Ft. (2.75 kg/m) - - - -	3,980	1 805
Luffing jib hoist - 1,000 Ft. (305m) of 7/8 in. (22mm) wire rope - 1.42 Lbs. per Ft. (2.11 kg/m) - -	1,420	644
Load lines		
1-1/8 in. (28.6 mm) wire rope - 2.70 Lbs. per Ft. (4.02 kg/m)		
Hoist line - 3,525 Ft. (1074m) - - - - -	9,520	4 318
Hoist line - 2,300 Ft. (701m) with luffing jib - - - - -	6,210	2 816
Whip line - 1,950 Ft. (594m) - - - - -	5,265	2 388
Whip line - 1,050 Ft. (320m) with luffing jib - - - - -	2,835	1 285
Whip line - 1,675 Ft. (511m) with fixed jib on luffing jib - - -	4,525	2 052
29 mm wire rope - 2.85 Lbs. per Ft. (4.25 kg/m)		
Hoist line - 3,525 Ft. (1074m) - - - - -	10,045	4 556
Hoist line - 2,300 Ft. (701m) with luffing jib - - - - -	6,555	2 973
Whip line - 1,950 Ft. (594m) - - - - -	5,560	2 521
Whip line - 1,050 Ft. (320m) with luffing jib - - - - -	2,995	1 358
Whip line - 1,675 Ft. (511m) with fixed jib on luffing jib - - -	4,775	2 165