



Crane Weights

21000 MAX-ER

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

	Weight	
	Pounds	Kilograms
LIFTCRANE:		
Upperworks and lowerworks complete with wide crawler arrangement, 2 swing drives, crane counterweight, gantry, backhitch, MAX-ER, 1,124,000 Lb. (509 840 kg) wheeled counterweight at 72 Ft. (22m) position, 140 Ft. (42.7m) No. 81 mast, mast stops, fully rigged 140 Ft. (42.7m) Boom No. 80 with tandem boom points, upper boom point, 1000 Ton (907t) block, 30 Ton (27t) hook, boom stops, and load lines - - - - -	2,958,925	1 342 145
COUNTERWEIGHT - WHEELED:		
Counterweight tray - - - - -	33,910	15 381
Side Counterweight box (each) (18 required) - - - - -	44,000	19 958
Center counterweight box (each) (4 required) - - - - -	44,000	19 958
Base and wheel assembly - - - - -	95,355	43 252
A-frame assembly (each) (2 required) - - - - -	8,065	3 658
Strut [30 Ft. (9.1m)] (each) (2 required) with pins - - - - -	2,610	1 183
Strut [18 Ft. (5.5m)] (each) (2 required) with pins - - - - -	1,670	757
Front shear frame with pins and railing - - - - -	9,210	4 177
Rear shear frame with pins and railing - - - - -	7,995	3 626
Hydraulic cylinder assembly with fluid (each) (2 required) - - - - -	5,145	2 333
Total wheeled counterweight - - - - -	1,124,000	509 837
COUNTERWEIGHT - HANGING:		
Sub-plate for counterweight tray (each) (2 required) - - - - -	5,300	2 404
Side counterweight box (each) (20 required) - - - - -	44,000	19 958
Center counterweight box (each) (4 required) - - - - -	44,000	19 958
A-frame assembly (each) (2 required) - - - - -	8,065	3 658
Strut [30 Ft. (9.1m)] (each) (2 required) with pins - - - - -	2,610	1 183
Strut [18 Ft. (5.5m)] (each) (2 required) with pins - - - - -	1,670	757
Front shear frame, pins and railing - - - - -	9,210	4 177
Rear shear frame, pins and railing - - - - -	7,995	3 626
Hydraulic cylinder assembly with fluid (each) (2 required) - - - - -	5,145	2 333
Shear frame adaptor, links, pins and railing - - - - -	7,110	3 225
Strap link (each) (2 required) with pins - - - - -	445	201
Total hanging counterweight - - - - -	1,127,300	511 334
Refer to FOLIO 1713 for basic machine components and options		
MAST NO. 81 (Additional components):		
40 Ft. (12.2m) insert with strap supports and without equalizer rail - - - - -	14,195	6 438
40 Ft. (12.2m) strap (with connector links) (each) - - - - -	1,815	823
26 Ft. 8 in. (8.1m) strap (with connector links) (each) - - - - -	1,365	619



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NO. 81 LUFFING JIB:		
30 Ft. (9.1m) butt - - - - -	16,975	7 699
30 Ft. (9.1m) top with lower point, upper point and wire rope guide - - - - -	33,200	15 059
40 Ft. (12.2m) insert - - - - -	13,820	6 268
20 Ft. (6.1m) insert, 80/81 transition - - - - -	9,760	4 427
20 Ft. (6.1m) insert - - - - -	7,990	3 624
Luffing jib strut assembly - - - - -	30,390	13 784
1 Ft. 8 in. (0.5m) connector link, pin (each) - - - - -	225	102
27 Ft. 8-1/4 in. (8.4m) boom support strap (each) - - - - -	1,170	530
40 Ft. 0 in. (12.2m) boom support strap (each) - - - - -	1,575	714
1 Ft. 8 in. (0.5m) connector link, pin (each) 4 required - - - - -	240	108
20 Ft. 0 in. (6.1m) boom support strap (each) - - - - -	810	367
8 Ft. 11-1/4 in. (2.7m) connector link, pin (each) - - - - -	605	274
16 Ft. 11.5 in. (5.2m) boom support strap (each) - - - - -	755	342
Strut support link (each) 4 required - - - - -	545	247
Strut spreader (each) with pins - - - - -	295	133
20 Ft. 2-1/2 in. (6.2m) strut support straps (each) - - - - -	880	399
Strut spreader link, pins (each) 2 required - - - - -	155	70
Main strut assembly - - - - -	31,355	14 222
8 Ft. 3-1/2 in. (2.5m) connector link, pins (each) - - - - -	500	226
12 Ft. 4 in. (3.8m) boom support strap (each) - - - - -	580	263
5 Ft. 2 in. (1.6m) connector link (each) with pins - - - - -	460	208
10 Ft. 10-3/4 in. (3.3m) boom support strap (each) - - - - -	520	235
15 Ft. 1 in. (4.6m) boom support strap (each) - - - - -	680	308
Strut spreader with pins - - - - -	390	176
Dead end equalizer link - - - - -	270	122
Load sensor (upper and lower) - - - - -	260	117
Jib stop assembly - - - - -	4,410	2 000
Block-up limit control - - - - -	140	63
Limit control - upper point - - - - -	105	47
Electric cable reel - - - - -	105	47
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
Luffing Jib Hoist		
4,200 Ft. (1 280m) of 32 mm wire rope - 3.20 Lbs. per Ft. (4.76 kg/m) - - - - -	13,440	6 096
Load Lines		
32 mm wire rope - 3.74 Lbs. per Ft. (5.57 kg/m)		
Hoist line - 5,500 Ft. (1 676m) - - - - -	17,765	8 058
Whip line - 1,250 Ft. (381m) No. 80 Boom - - - - -	4,675	2 120
2,000 Ft. (610m) No. 81 Luffing Jib - - - - -	7,480	3 392
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 - 1,250 Ft. (381m) No. 80 Boom - - - - -	4,035	1 830
2,000 Ft. (610m) No. 81 Luffing Jib - - - - -	6,460	2 930