



Crane Weights

222 WAGON

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

	Weight	
	Pounds	Kilograms
LIFTCRANE - BOOM NO. 222:		
Upperworks and wagon complete, 63,300 Lb. (28 710 kg) counterweight, gantry, fully rigged 40 Ft. (12.2m) Boom No. 222 including upper boom point, 100 Ton (91t) block, and 10 Ton (9t) hook and weight ball, boom stops and maximum length hoist and whip lines - - - - -	186,095	84 411
UPPERWORKS:		
Upperworks with two drums, 5 Ft. (1524 mm) elevated operator's cab, gantry, backhitch and maximum length hoist and whip lines - - - - -	40,445	18 345
WAGON:		
Manitowoc 8 x 4 wagon with outriggers, jacks and pads - - - - -	73,700	33 429
COUNTERWEIGHT:		
1st (inner) - - - - -	28,500	12 927
2nd (outer) - - - - -	24,800	11 249
Middle box (required for 63,300 Lb. [28 710 kg]) - - - - -	10,000	4 535
BOOM STOP:		
Lower tube (each) - - - - -	125	56
Upper tube (each) - - - - -	290	131
Spring (each) - - - - -	95	43
BOOM NO. 222:		
19 Ft. (5.8m) butt - - - - -	1,700	771
21 Ft. (6.4m) top (with lower point and wire rope guide) - - - - -	2,265	1 027
10 Ft. (3.0m) insert - - - - -	635	288
10 Ft. (3.0m) insert (with jib backstay lugs) - - - - -	655	297
20 Ft. (6.1m) insert - - - - -	1,085	492
20 Ft. (6.1m) insert (with jib backstay lugs) - - - - -	1,105	501
40 Ft. (12.2m) insert - - - - -	2,030	920
40 Ft. (12.2m) insert (with jib backstay lugs) - - - - -	2,050	929
21 Ft. 0 in. (6.4m) basic pendant (each) - - - - -	115	52
10 Ft. 0 in. (3.0m) pendant (each) - - - - -	85	38
20 Ft. 0 in. (6.1m) pendant (each) - - - - -	115	52
40 Ft. 0 in. (12.2m) pendant (each) - - - - -	175	79
Equalizer - - - - -	450	204



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	Weight	
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JIB NO. 10:		
15 Ft. (4.6m) butt - - - - -	340	154
15 Ft. (4.6m) top (with jib point) - - - - -	650	294
10 Ft. (3.0m) insert - - - - -	190	86
32 Ft. 3 in. (9.8m) basic pendant - - - - -	55	24
9 Ft. 0 in. (2.7m) pendant (each) - - - - -	20	9
Pendant link (each) - - - - -	5	2
12 Ft. 6 in. (3.8m) strut with sheave - - - - -	435	197
Backstay link (each) - - - - -	5	2
48 Ft. 4 in. (14.7m) backstay pendant (each) - - - - -	65	29
3 Ft. 9 in. (1.1m) backstay pendant (each) - - - - -	20	9
1 Ft. 10-1/2 in. (0.6m) backstay link - - - - -	25	11
Jib stop - - - - -	25	11
MACHINE OPTIONS:		
20-7/16 in. (519 mm) Dia. lagging for front or rear drum - - - - -	305	138
BOOM AND JIB OPTIONS:		
Upper boom point (one sheave) - - - - -	295	133
10 Ton (9t) hook and weight ball - - - - -	610	276
60 Ton (54t) load block with swivel hook - - - - -	1,850	839
100 Ton (91t) load block with swivel hook - - - - -	2,540	1 152
WIRE ROPE:		
Boom Hoist		
430 Ft. (131m) of 5/8 in. (16 mm) wire rope - 0.86 Lbs. per Ft. (1.28 kg/m) - - - - -	370	167
Load Lines		
22 mm rotation resistant wire rope - 1.61 Lbs. per Ft. (2.39 kg/m)		
Hoist line - 775 Ft. (236m) - - - - -	1,250	566
Whip line - 535 Ft. (163m) - - - - -	860	390
7/8 in. rotation resistant wire rope - 1.53 Lbs. per Ft. (2.28 kg/m)		
Hoist line - 775 Ft. (236m) - - - - -	1,185	537
Whip line - 535 Ft. (163m) - - - - -	820	371
7/8 in. conventional wire rope - 1.42 Lbs. per Ft. (2.11 kg/m)		
Hoist line - 775 Ft. (236m) - - - - -	1,100	498
Whip line - 535 Ft. (163m) - - - - -	760	344