

Crane Weights

222

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

	Weight	
	Pounds	Kilograms
LIFTCRANE - BOOM NO. 222:		
Upperworks and lowerworks complete, 36 in. (914 mm) crawler treads, 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		
222 - - - - -	152,330	69 095
222EX - - - - -	156,760	71 105
222HD - - - - -	165,750	75 182
222 SERIES B - - - - -	176,330	79 981
222EX SERIES B - - - - -	180,760	81 991
222HD SERIES B - - - - -	189,750	86 069
UPPERWORKS WITH CARBODY:		
Carbody, upperworks with two drums, operator's cab, gantry, backhitch, equalizer and boom hoist line, boom butt, boom stops, and maximum length hoist and whip lines - - - - -		
	55,655	25 244
CRAWLERS:		
22 Ft. 4 in. (6 807 mm) crawler assembly with 36 in. (914 mm) treads (each) - - - - -		
	19,080	8 654
COUNTERWEIGHT - UPPER:		
1st (inner) - - - - -	28,500	12 927
2nd (outer) - - - - -	24,800	11 249
Middle box (SERIES B) - - - - -	10,000	4 535
Total upperworks counterweight - 222 - - - - -	53,300	24 176
Total upperworks counterweight - 222 SERIES B - - - - -	63,300	28 712
COUNTERWEIGHT - CRAWLER FRAME:		
Crawlers frame counterweight (4 required on SERIES B) (each) - - - - -		
	3,500	1 587
BOOM STOP:		
Lower tube (each) - - - - -	125	56
Upper tube (each) - - - - -	290	131
Spring (each) - - - - -	95	43

Crane Weights

222

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

	Weight	
	Pounds	Kilograms
BOOM NO. 222:		
19 Ft. (5.8m) butt with wire rope guide - - - - -	2,000	907
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. 1 in. (3.1m) pendant (each) - - - - -	85	38
20 Ft. 1-1/2 in. (6.1m) pendant (each) - - - - -	115	52
40 Ft. 3 in. (12.3m) pendant (each) - - - - -	175	79
Equalizer - - - - -	450	204
BOOM NO. 222HD:		
19 Ft. (5.8m) butt - - - - -	1,995	904
21 Ft. (6.4m) top (with lower point and wire rope guide) - - - - -	5,605	2 542
10 Ft. (3.0m) insert - - - - -	890	403
20 Ft. (6.1m) insert - - - - -	1,560	707
20 Ft. (6.1m) insert (with jib backstay lugs) - - - - -	1,580	716
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. 1 in. (3.1m) pendant (each) - - - - -	85	38
20 Ft. 1-1/2 in. (6.1m) pendant (each) - - - - -	115	52
40 Ft. 3 in. (12.3m) pendant (each) - - - - -	175	79
Equalizer - - - - -	450	204
BOOM NO. 260 (used with Luffing Jib No. 222):		
19 Ft. (5.8m) butt with wire rope guide - - - - -	2,075	941
7 Ft. (2.1m) cap (with wire rope guide) - - - - -	1,185	537
29 Ft. (8.8m) tapered insert (with wire rope guide) - - - - -	2,360	1 070
10 Ft. (3.0m) insert - - - - -	725	328
20 Ft. (6.1m) insert - - - - -	1,235	560
40 Ft. (12.2m) insert - - - - -	2,315	1 050
26 Ft. 0 in. (7.9m) basic pendant (each) - - - - -	145	65
10 Ft. 1 in. (3.1m) pendant (each) - - - - -	85	38
20 Ft. 1-1/2 in. (6.1m) pendant (each) - - - - -	115	52
40 Ft. 3 in. (12.3m) pendant (each) - - - - -	175	79
Spreader - - - - -	285	129
Equalizer - - - - -	450	204
Wire rope guide on butt - - - - -	165	74
Wire rope guide on tapered insert - - - - -	440	199

Crane Weights

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

	Weight	
	Pounds	Kilograms
LUFFING JIB NO. 222:		
19 Ft. (5.8m) butt with intermediate fall	1,580	716
21 Ft. (6.4m) top (with both points and wire rope guide)	2,700	1 224
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	2,080	943
40 Ft. (12.2m) insert (with jib backstay lugs)	2,100	952
21 Ft. 0 in. (6.4m) basic pendant (each)	115	52
17 Ft. 7-1/2 in. (5.4m) basic pendant (each)	110	49
10 Ft. 1 in. (3.1m) pendant (each)	85	38
20 Ft. 1-1/2 in. (6.1m) pendant (each)	115	52
40 Ft. 3 in. (12.3m) pendant (each)	175	79
Pendant link (each)	35	15
16 Ft. 9 in. (5.1m) jib strut with luffing sheaves and links	1,000	453
16 Ft. 9 in. (5.1m) main strut with luffing sheaves and links	1,040	471
34 Ft. 9 in. (10.6m) basic backstay pendant (each)	125	56
40 Ft. 3 in. (12.3m) backstay pendant (each)	135	61
20 Ft. 1-1/2 in. (6.1m) backstay pendant (each)	90	40
10 Ft. 4 in. (3.1m) backstay pendant (each)	65	29
10 Ft. 0 in. (3.0m) backstay pendant (each)	65	29
Jib stop assembly	670	303
Main strut stop assembly	140	63
Wire rope guide on jib top	300	136
Upper jib point roller	140	63
Luffing jib hinge pin (each)	25	11
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:		
Auxiliary drum assembly	930	421
20-7/16 in. (519 mm) Dia. lagging for front or rear drum	305	138
Hinged fairlead	1,325	601
Counterweight handling pendants and links	130	58
BOOM AND JIB OPTIONS:		
Upper boom point (two sheaves)	705	319
10 Ton (9t) hook and weight ball	610	276
100 Ton (91t) load block with swivel hook	2,470	1 120

Crane Weights

222

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

	Weight	
	Pounds	Kilograms
WIRE ROPE:		
Boom Hoist		
480 Ft. (146m) of 5/8 in. (16 mm) wire rope - 0.72 Lbs. per Ft. (1.07 kg/m) - - - - -	345	156
Luffing Jib Hoist		
400 Ft. (122m) of 7/8 in. (22 mm) wire rope - 1.42 Lbs. per Ft. (2.11 kg/m) - - - - -	570	258
Load Lines		
7/8 in. rotation resistant wire rope - 1.53 Lbs. per Ft. (2.28 kg/m)		
Hoist line - 725 Ft. (221m) 222 - - - - -	1,110	503
825 Ft. (251m) Luffing Jib - - - - -	1,260	571
Whip line - 525 Ft. (160m) 222 - - - - -	805	365
670 Ft. (204m) Fixed Jib on Luffing Jib - - - - -	1,025	464
385 Ft. (117m) 222HD - - - - -	590	267
22 mm rotation resistant wire rope 1.61 Lbs. per Ft. - (2.39 kg/m)		
Hoist line - 725 Ft. (221m) 222 - - - - -	1,165	528
825 Ft. (251m) Luffing Jib - - - - -	1,330	603
Whip line - 525 Ft. (160m) 222 - - - - -	845	383
670 Ft. (204m) Fixed Jib on Luffing Jib - - - - -	1,080	489
385 Ft. (117m) 222HD - - - - -	620	281
7/8 in. conventional wire rope 1.42 Lbs. per Ft. - (2.11 kg/m)		
Hoist line - 725 Ft. (221m) 222 - - - - -	1,030	467
825 Ft. (251m) Luffing Jib - - - - -	1,170	530
525 Ft. (160m) 222 - - - - -	745	337
670 Ft. (204m) Fixed Jib on Luffing Jib - - - - -	950	430
385 Ft. (117m) 222HD - - - - -	545	247
5/8 in. rotation resistant wire rope 0.84 Lbs. per Ft. (1.25 kg/m)		
Intermediate Fa11 line - 350 Ft. (107m) Luffing Jib - - - - -	295	133
5/8 in. conventional wire rope 0.72 Lbs. per Ft. (1.07 kg/m)		
Intermediate Fa11 line - 350 Ft. (107m) Luffing Jib - - - - -	250	113
1-1/4 in. conventional wire rope 2.89 Lbs. per Ft. (4.30 kg/m)		
Hoist line - 490 Ft. (149m) 222HD - - - - -	1,415	641
Whip line - High Line Pull - 385 Ft. (117m) 222HD - - - - -	1,115	505