

LOAD LINE SPECIFICATIONS

TOWER CRANE — TOWER NO. 9 OR 9A WITH BOOM NO. 18

BOOM OR BOOM AND JIB LENGTH		164 FT./50.0m TOWER LENGTH				204 FT./62.2m TOWER LENGTH			
		1 PART		2 PART		1 PART		2 PART	
FEET	METERS	FEET	METERS	FEET	METERS	FEET	METERS	FEET	METERS
100	30.5	555	169	820	250	635	194	940	287
110	33.5	575	175	850	259	655	200	970	296
120	36.6	595	181	880	268	675	206	1000	305
130	39.6	615	187	910	277	695	212	1030	314
140	42.7	635	194	940	287	715	218	1060	323
150	45.7	655	200	---	---	735	224	---	---
160	48.8	675	206	---	---	---	---	---	---
170	51.8	695	212	---	---	---	---	---	---
180	54.9	715	218	---	---	---	---	---	---
190	57.9	735	224	---	---	---	---	---	---
200	61.0	755	230	---	---	---	---	---	---
210	64.0	775	236	---	---	---	---	---	---

Wire rope lengths are given for 164'(50.0m) tower and 204'(62.2m) tower; deduct 10'(3.0m) + (10'(3.0m) x parts of line) for each 10'(3.0m) reduction in tower height.

WIRE ROPE LENGTH FOR INTERMEDIATE FALL

TOWER LENGTH		BOOM LENGTH — FT./m	
		120-150/36.6-45.7	
		1 PART	
FEET	METERS	FEET	METERS
114	34.7	390	119
124	37.8	410	125
134	40.8	430	131
144	43.9	450	137
154	46.9	470	143
164	50.0	490	149
174	53.0	510	155
184	56.1	530	162
194	59.1	550	168
204	62.2	570	174

LOAD LINE: 1" (25.4mm) — 6 x 25 Filler Wire, Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 89,800 lbs. (40,730 kg.). Maximum Load = 22,500 lbs./Line (10,200 kg.). Approx. Weight Per Ft. in lbs. 1.85 (2.8 kg./m).

WHIP LINE: 1" (25.4mm) — 6 x 25 Filler Wire, Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 89,800 lbs. (40,730 kg.). Maximum Load = 22,500 lbs./Line (10,200 kg.). Approx. Weight Per Ft. in lbs. 1.85 (2.8 kg./m).

WHIP LINE: 1" (25.4mm) — 6 x 25 Filler Wire, Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 89,800 lbs. (40,730 kg.). Maximum Load on Intermediate Fall = 15,000 lbs. (6,800 kg.). Approx. Weight Per Ft. in lbs. 1.85 (2.8 kg./m).

Refer to Drum and Lagging Chart No. 4867.