

LOAD LINE SPECIFICATIONS 4000W

LIFT CRANE — BOOM NO. 22 WITH OPEN THROAT TOP
INLINE OR OFFSET 4-1/2 DEGREES

BOOM OR BOOM AND JIB LENGTH		WHIP LINE LEFT DRUM				LOAD LINE RIGHT DRUM		MAXIMUM REQUIRED PARTS OF LINE	
		1 PART		2 PART					
FEET	METERS	FEET	METERS	FEET	METERS	FEET	METERS	TOP INLINE	TOP OFFSET
70	21.3	165	50	235	72	985	300	13	11
80	24.4	185	56	265	81	985	300	11	9
90	27.4	205	62	295	90	985	300	9	8
100	30.5	225	69	325	99	985	300	8	8
110	33.5	245	75	355	108	985	300	7	7
120	36.6	265	81	385	117	985	300	6	6
130	39.6	285	87	415	126	985	300	6	6
140	42.7	305	93	445	136	985	300	5	5
150	45.7	325	99	475	145	985	300	5	5
160	48.8	345	105	505	154	985	300	5	5
170	51.8	365	111	535	163	985	300	4	4
180	54.9	385	117	565	172	985	300	4	4
190	57.9	405	123	595	181	985	300	4	4
200	61.0	425	130	625	191	985	300	3	3
210	64.0	445	136	655	200	985	300	3	3
220	67.1	465	142	685	209	985	300	3	3
230	70.1	485	148	715	218				
240	73.2	505	154	745	227				
250	76.2	525	160	---	---				

HOIST REEVING FOR MAIN LOAD BLOCK							
No. Parts of Line	1	2	3	4	5	6	7
Maximum Load — Lbs.	32,500	64,000	95,500	126,200	157,000	186,800	215,900
Maximum Load — Kg	14,740	29,020	43,310	57,240	71,210	84,730	97,930
No. Parts of Line	8	9	10	11	12	13	
Maximum Load — Lbs.	243,000	267,100	289,000	311,000	331,000	350,000	
Maximum Load — Kg	110,220	121,150	131,080	141,060	150,130	158,750	

LOAD LINE: 1-1/8" (28.6mm) — 6 x 31 Warrington-Seale, extra improved plow steel, regular lay, IWRC. Minimum breaking strength 130,000 lb. (58,960 kg). Approx. weight per ft. in lbs. 2.34 (3.48 kg/m)

WHIP LINE: 1-1/8" (28.6mm) — 6 x 25 filler wire, improved plow steel, regular lay, IWRC. Minimum breaking strength 113,000 lb. (51,250 kg). Maximum load = 28,300 lbs./line (12,830 kg). Approx. weight per ft. in lbs. 2.34 (3.48 kg/m).

Refer to drum and lagging chart No. 4865.