

LOAD LINE SPECIFICATIONS

4600
**LIFTCRANE — BOOM NO. 27 WITH OPEN THROAT TOP
INLINE OR OFFSET 4-1/2 DEGREES**
SERIES-3

BOOM OR BOOM AND JIB LENGTH		WHIP LINE FRONT DRUM				LOAD LINE REAR DRUM		MAXIMUM REQUIRED PARTS OF LINE	
		1 PART		2 PART					
FEET	METERS	FEET	METERS	FEET	METERS	FEET	METERS	TOP INLINE	TOP OFFSET
80	24.4	200	61	280	85	1150	351	12	11
90	27.4	220	67	310	94	1230	375	11	10
100	30.5	240	73	340	104	1230	375	10	9
110	33.5	260	79	370	113	1230	375	9	9
120	36.6	280	85	400	122	1230	375	8	8
130	39.6	300	91	430	131	1230	375	7	7
140	42.7	320	98	460	140	1230	375	7	7
150	45.7	340	104	490	149	1230	375	6	6
160	48.8	360	110	520	158	1230	375	6	6
170	51.8	380	116	550	163	1230	375	5	5
180	54.9	400	122	580	177	1230	375	5	5
190	57.9	420	128	610	186	1350	411	5	5
200	61.0	440	134	640	195	1350	411	5	5
210	64.0	460	140	670	204	1350	411	4	4
220	67.1	480	146	700	213	1350	411	4	4
230	70.1	500	152	730	223	1350	411	4	4
240	73.2	520	158	760	232	1350	411	3	4
250	76.2	540	165	790	241	1350	411	3	4
260	79.2	560	171	820	250	1350	411	3	3
270	82.3	580	177	850	259				
280	85.3	600	183	880	268				

HOIST REEVING FOR MAIN LOAD BLOCK						
No. Parts of Line	1	2	3	4	5	6
Maximum Load — Lbs.	40,000	80,000	120,000	160,000	200,000	240,000
Maximum Load — Kg.	18,140	36,280	54,430	72,570	90,710	108,860
No. Parts of Line	7	8	9	10	11	12
Maximum Load — Lbs.	280,000	320,000	360,000	400,000	440,000	480,000
Maximum Load — Kg.	127,000	145,140	163,290	181,430	199,580	217,720

LOAD LINE 1 1/4" (31.8mm) — 6 x 31 Warrington-Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 159,800 lbs. (72,480 kg.). Approx. Weight Per Ft. in lbs. 2.89 (4.3 kg./m).

WHIP LINE 1 1/4" (31.8mm) — 6 x 31 Warrington-Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 159,800 lbs. (72,480 kg.). Maximum Load = 40,000 lbs./Line (18,140 kg.). Approx. Weight Per Ft. in lbs. 2.89 (4.3 kg./m).

REFER TO DRUM AND LAGGING CHART NO. 4861