



Wire Rope Specifications

999 SERIES 2, 3

Liftcrane - Boom No. 82

Luffing Jib No. 149 Attached

WIRE ROPE LENGTHS - FRONT DRUM				
Boom Length		Hoist Line Front Drum		Maximum Required Parts of Line
Ft.	Meters	Ft.	Meters	
80	24.4	1350	411	14
90	27.4	1400	427	13
100	30.5	1425	434	12
110	33.5	1425	434	11
120	36.6	1425	434	10
130	39.6	1425	434	9
140	42.7	1500	457	9
150	45.7	1500	457	8
160	48.8	1525	465	8
170	51.8	1525	465	7
180	54.9	1525	465	7
190	57.9	1525	465	4

Note: Hoist line lengths given in tables will allow hook to touch ground. When block travel below ground is required, add additional rope equal to parts of line times added travel distance. Hoisting distance or line pull may be limited when block travel below ground is required.

HOIST REEVING FOR MAIN LOAD BLOCK FRONT DRUM					
Parts of Line	Maximum Load		Parts of Line	Maximum Load	
	Lbs.	kg		Lbs.	kg
1	29,500	13 380	8	236,000	107 050
2	59,000	26 760	9	265,500	120 430
3	88,500	40 140	10	295,000	133 810
4	118,000	53 520	11	324,500	147 190
5	147,500	66 900	12	354,000	160 570
6	177,000	80 290	13	383,500	173 950
7	206,500	93 670	14	408,800	185 400

