



Wire Rope Specifications

Liftcrane - Boom No. 79
 Fixed Jib No. 44 Attached

MAX-ER 2000
On 2250

Wire Rope Lengths				
Boom Length		Hoist Line Drum 9		Maximum Required Parts of Line
Ft.	Meters	Ft.	Meters	
140	42.7	3800	1158	24
160	48.8	3800	1158	20
180	54.9	3800	1158	18
200	61.0	3800	1158	16
220	67.1	3800	1158	14
240	73.2	3800	1158	14
260	79.2	3800	1158	12

Note: Hoist line lengths given in table 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					
No. Parts of Line	8	10	12	14	16
Maximum Load - Lbs.	277,600	347,000	416,400	485,800	555,200
Maximum Load - kg	125 920	157 400	188 880	220 360	251 830
No. Parts of Line	18	20	22	24	
Maximum Load - Lbs.	624,600	694,000	763,400	764,700	
Maximum Load - kg	283 310	314 790	346 270	346 800	



Wire Rope Specifications

MAX-ER 2000
On 2250

Liftcrane - Boom No. 79
Fixed Jib No. 44 Attached

Wire Rope Specifications	
Hoist Line:	1-1/8 in. (28.6 mm) Wire Rope Right Hand Regular Lay, Rotation Resistant Minimum Breaking Strength = 176,800 Lbs. (80 190 kg) MCC Part No. 719416 Approx. Weight = 2.58 Lbs. Per Ft. (3.84 kg/m) Minimum Breaking Strength Required = 173,500 Lbs. (78 700 kg) No Load Dia. = 1.134 in. (28.80 mm) to 1.154 in. (29.31 mm)
OR	
	1-1/8 in. (28.6 mm) Wire Rope Right Hand Lang Lay, Rotation Resistant Minimum Breaking Strength = 173,800 Lbs. (78 830 kg) MCC Part No. 719375 Approx. Weight = 2.73 Lbs. Per Ft. (4.06 kg/m) Minimum Breaking Strength Required = 173,500 Lbs. (78 700 kg) No Load Dia. = 1.131 in. (28.73 mm) to 1.166 in. (29.62 mm)

Maximum Spooling Capacities	
Drum 9: (Hoist Line)	1-1/8 in. (28.6 mm) Wire Rope - 11 Layers - 4,334 Ft. (1 321m)
21 Ft. (6m) is deducted from maximum spooling capacities for 3 dead wraps.	

Refer to Drum and Lagging chart No. 8195-A.