



Wire Rope Specifications

MAX-ER 2000 On 2250

Liftcrane - Luffing Jib No. 133 or 133A On
Boom No. 79-44

European Standards

WIRE ROPE LENGTHS																
Boom and Luffing Jib Length		Luffing Jib Whip Line Drum 3		Luffing Jib Hoist Line Drum 9												
				1 Part		7 Part		6 Part		5 Part		4 Part		3 Part		2 Part
		Ft.	Meters	Ft.	Meters	Ft.	Meters	Ft.	Meters	Ft.	Meters	Ft.	Meters	Ft.	Meters	Ft.
270	82.3	600	183	2275	693											
280	85.3	620	189	—	—	2050	625									
290	88.4	640	195	2425	739	2125	648									
300	91.4	660	201	—	—	2000	610	1875	572							
310	94.5	680	207	2600	792	2275	693	1950	594							
320	97.5	700	213	—	—	2325	709	2000	610	1675	511					
330	100.6	720	219	2750	838	2400	732	2075	632	1725	526					
340	103.6	740	226	—	—	2475	754	2125	648	1775	541					
350	106.7	760	232	—	—	2550	777	2200	671	1825	556					
360	109.7	780	238	—	—	—	—	2250	686	1875	572	1500	457			
370	112.8	800	244	—	—	—	—	2300	701	1925	587	1550	472			
380	115.8	820	250	—	—	—	—	2375	724	1975	602	1575	480			
390	118.9	840	256	—	—	—	—	—	—	2025	617	1625	495			
400	121.9	860	262	—	—	—	—	—	—	2075	632	1675	511	1275	389	
410	125.0	880	268	—	—	—	—	—	—	2125	648	1700	518	1300	396	
420	128.0	900	274	—	—	—	—	—	—	2175	663	1750	533	1325	404	
430	131.1	920	280	—	—	—	—	—	—	—	—	1800	549	1350	411	
440	134.1	940	287	—	—	—	—	—	—	—	—	1825	556	1375	419	
450	137.2	960	293	—	—	—	—	—	—	—	—	1875	572	1425	434	
460	140.2	980	299	—	—	—	—	—	—	—	—	1900	579	1450	442	
470	143.3	1000	305	—	—	—	—	—	—	—	—	1950	594	1475	450	
480	146.3	1020	311	—	—	—	—	—	—	—	—	—	—	1500	457	
490	149.4	1040	317	—	—	—	—	—	—	—	—	—	—	1525	465	
500	152.4	1060	323	—	—	—	—	—	—	—	—	—	—	1575	480	

Note: Hoist line and whip 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	1	2	3	4	5	6	7
Maximum Load - Lbs.	30,000	60,000	90,000	120,000	150,000	180,000	193,000
Maximum Load - kg	13 610	27 220	40 820	54 430	68 040	81 650	87 500



Wire Rope Specifications

MAX-ER 2000
On 2250

Liftcrane - Luffing Jib No. 133 or 133A On
 Boom No. 79-44

European Standards

WIRE ROPE SPECIFICATIONS	
Hoist Line:	28 mm Wire Rope Right Hand Lang Lay, Rotation Resistant Minimum Breaking Strength = 179,400 Lbs. (81 370 kg) MCC Part No. 719425 Approx. Weight = 2.76 Lbs. Per Ft. (4.11 kg/m) Minimum Breaking Strength Required = 173,500 Lbs. (78 700 kg) No Load Dia. = 1.124 in. (28.55 mm) to 1.146 in. (29.11 mm)
Whip Line:	29 mm - 1 770 N/mm ² Wire Rope, Rotation Resistant Minimum Breaking Strength = 154,700 Lbs. (70 170 kg) Maximum Load = 30,000 Lbs. (13 610 kg) per line MCC Part No. 719374 Approx. Weight = 2.85 Lbs. Per Ft. (4.25 kg/m)

MAXIMUM SPOOLING CAPACITIES	
Drum 9: (Hoist Line)	28 mm Wire Rope - 11 Layers - 4,334 Ft. (1 321m)
Drum 3: (Whip Line)	29 mm Wire Rope - 9 Layers - 1,164 Ft. (355m) 8 Layers - 1,060 Ft. (323m) with 24½ in. (622 mm) Dia. Lagging
21 Ft. (6m) is deducted from maximum spooling capacities for 3 dead wraps on Drum 9, 20 Ft. (6m) on Drum 3.	

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