

# Wire Rope Specifications

# 777 SERIES 1

Clamshell/Grapple  
Boom No. 78

Wire Rope Lengths					
Boom Length		Front Drum Closing Line		Rear Drum Holding Line	
Ft.	Meters	Ft.	Meters	Ft.	Meters
60	18.3	230	70	165	50
70	21.3	250	76	185	56
80	24.4	270	82	205	62
90	27.4	290	88	225	69
100	30.5	310	94	245	75
110	33.5	330	101	265	81
120	36.6	350	107	285	87

Lengths are based on a 65 degree boom angle, 20 Ft. (6m) digging depth, and 67 Ft. (20m) for reeving bucket.

Rewrap on drum will occur if hoisting distance exceeds approximately 66 Ft. (20m) from ground level with boom at 65 degree angle and digging depth of 20 Ft. (6m). The occurrence of rewrap may vary depending on boom angle, digging depth, bucket size or length of wire rope.

**Note:** Distance from bottom of turntable bearing to bottom of crawlers is 4 Ft. (1m). This must be taken into account for pedestal mounted machines.

Wire Rope Specifications	
Closing or Holding Line:	<p>1 in. - Dyform 6, 6 x 26 Warrington Seale Wire Rope Right Regular Lay, Dyformed Core, IWRC Minimum Breaking Strength = 113,800 Lbs. (51 620 kg) MCC Part No. 719370</p> <p>OR</p> <p>1 in. - Flex X 626 Wire Rope Right Regular Lay, IWRC Minimum Breaking Strength = 113,800 Lbs. (51 620 kg) MCC Part No. 719369</p> <p>OR</p> <p>1 in. - 6 x 25 Filler Wire, Extra Extra Improved Plow Steel Right Regular Lay, IWRC Minimum Breaking Strength = 115,000 Lbs. (52 160 kg) MCC Part No. 719386</p> <p>OR</p> <p>26 mm - Dyform 6, 6 x 36 1960 N/mm<sup>2</sup> Wire Rope Right Regular Lay, IWRC Minimum Breaking Strength = 129,400 Lbs. (58 700 kg) MCC Part No. 719362</p> <p>OR</p> <p>26 mm - 6 x 25 Filler Wire, Extra Extra Improved Plow Steel Right Regular Lay, IWRC Minimum Breaking Strength = 119,400 Lbs. (54 160 kg) MCC Part No. 719383</p>