

# Wire Rope Specifications

# 555 SERIES 1

Clamshell/Grapple  
 Boom No. 84

Wire Rope Lengths					
Boom Length		Front Drum Closing Line		Rear Drum Holding Line	
Ft.	Meters	Ft.	Meters	Ft.	Meters
50	15.2	210	64	145	44
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 front drum (closing line) will occur if hoisting distance exceeds approximately 75 Ft. (23m) 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.

Wire Rope Specifications	
Closing or Holding Line:	28 mm - 6 X 36 Warrington Seale Wire Rope Extra Improved Plow Steel Right Regular Lay, IWRC Minimum Breaking Strength = 123,000 Lbs. (547.1 kN) MCC Part No. A03112

Refer to Drum and Lagging chart No. 8442-A.