

Wire Rope Specifications

2250 SERIES 1

**Bulk Material Handling
 Boom No. 44 With Heavy Lift Top
 50,000 Lb. Rating - Pedestal Mount**

Wire Rope Lengths					
Boom Length		Front Drum Closing Line		Rear Drum Holding Line	
Ft.	Meters	Ft.	Meters	Ft.	Meters
70	21.3	310	94	240	73
80	24.4	330	101	260	79
90	27.4	350	107	280	85
100	30.5	370	113	300	91
110	33.5	390	119	320	98
120	36.6	400	122	335	102
130	39.6	420	128	355	108
140	42.7	440	134	375	114

Lengths are based on a 65 degree boom angle, 75 Ft. (23m) digging depth from boom hinge, and 73 Ft. (22m) for reeving bucket.

Rewrap on drum will occur if hoisting distance above boom hinge exceeds approximately 60 Ft. (18m) with boom at 65 degree angle and digging depth of 75 Ft. (23m). 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:	1-3/8 in. (35 mm) - 6 x 41 Warrington-Seale, Extra Improved Plow Steel Regular Lay, IWRC Minimum Breaking Strength = 192,000 Lbs. (87 090 kg) MCC Part No. 719315

Lagging Specifications
Front Lagging (Closing): No. 502403 on Drum No. 192771 Rear Lagging (Holding): No. 502403 on Drum No. 192665 24-1/2 in. dia. x 45 in. wide grooved lagging 177 Ft. spooling capacity with 1-3/8 in. wire rope on one layer with 20 Ft. deducted for 3 dead wraps.