

Wire Rope Specifications

14000 SERIES 1

Clamshell/Grapple
Boom No. 76

Wire Rope Lengths					
Boom Length		Front Drum Closing Line		Rear Drum Holding Line	
Feet	Meters	Feet	Meters	Feet	Meters
65.6	20,0	235	72	175	53
75.5	23,0	255	78	195	59
85.3	26,0	275	84	215	66
95.1	29,0	290	88	235	72
105.0	32,0	310	95	250	76
114.8	35,0	330	101	270	82
124.7	38,0	345	105	290	88
134.5	41,0	365	111	310	94

Lengths are based on a 65 degree boom angle, 20 ft (6m) digging depth, and 60 ft (18m) for reeving bucket.

Rewrap on front drum (closing line) will occur if hoisting distance exceeds approximately 110 ft (34m) 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:	1 in. -	6 X 25 Filler Wire, Extra Improved Plow Steel Right Hand Regular Lay, IWRC Minimum Breaking Strength = 103,400 lbs (46 900 kg) MCC Part No. 719060

Refer to Drum and Lagging chart **No. 8791-A**.