

# Wire Rope Specifications

## 777 SERIES 1

Dragline

Boom No. 78 With Open Throat Top

Wire Rope Lengths							
Boom Length		Rear Drum Hoist Line		Front Drum Drag Line		Digging Depth	
Ft.	Meters	Ft.	Meters	Ft.	Meters	Ft.	Meters
60	18.3	160	49	80	24	25	8
70	21.3	190	58	95	29	35	11
80	24.4	220	67	105	32	45	14
90	27.4	240	73	120	37	55	17
100	30.5	250	76	120	37	45	14

Wire rope lengths are based on 30 Degree boom angle and digging depths as shown.

**Note:** Based on fleet angle limitations, length of wire rope for front drum (drag) takes into consideration 4-1/2 wraps [27 Ft. (8m)] on left side of lagging, which are not utilized during operation.

Wire Rope Specifications		
Hoist Line:	1 in. (26 mm) -	6 x 25 Filler Wire, Improved Plow Steel Lang Lay, IWRC Minimum Breaking Strength = 89,000 Lbs. (40 370 kg) MCC Part No. 719040
Drag Line:	1 in. (26 mm) -	Flex-X 626 Wire Rope Right Hand Regular Lay, IWRC Minimum Breaking Strength = 113,800 Lbs. (51 620 kg) MCC Part No. 719369

Refer to Drum and Lagging chart **No. 6123-A**.