

Wire Rope Specifications

999 SERIES 1

Dragline

Boom No. 82 Or No. 22EL

Wire Rope Lengths							
Boom Length		Rear Drum Hoist Line		Front Drum Drag Line		Digging Depth	
Ft.	Meters	Ft.	Meters	Ft.	Meters	Ft.	Meters
70	21.3	190	58	125	38	35	11
80	24.4	220	67	140	43	45	14
90	27.4	240	73	140	43	50	15
100	30.5	250	76	140	43	40	12

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 10 wraps [58 Ft. (18m)] on left side of drum, 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. 8222-A.