

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



WIRE ROPE SPECIFICATIONS

3950D

DRAGLINE

BOOM NO. 39A OR NO. 39C 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
70	21.3	200	61	100	30	40	12
80	24.4	230	70	110	34	50	15
90	27.4	250	76	120	37	55	17
100	30.5	270	82	130	40	60	18
110	33.5	290	88	140	43	65	20
120	36.6	310	94	150	46	70	21

WIRE ROPE LENGTHS ARE BASED ON DIGGING DEPTHS AS SHOWN.

HOIST LINE: 1-1/8" (29 mm) - DRAGLINE HOIST ROPE, 6 X 25 FILLER WIRE, EXTRA IMPROVED PLOW STEEL, LANG LAY, IWRC. MINIMUM BREAKING STRENGTH 130,000 LBS. (58 970 kg).

DRAG LINE: 1-3/8" (35 mm) - DRAG ROPE, 6 X 25 FILLER WIRE, EXTRA IMPROVED PLOW STEEL, LANG LAY, IWRC. MINIMUM BREAKING STRENGTH 192,000 LBS. (87 090 kg).