

MANITOWOC ENGINEERING CO.

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



WIRE ROPE SPECIFICATIONS _____ 4600 SERIES 3

DRAGLINE
BOOM NO. 27 WITH OPEN THROAT TOP

WIRE ROPE LENGTHS							
BOOM LENGTH		FRONT DRUM HOIST LINE		REAR DRUM DRAG LINE		DIGGING DEPTH	
FT.	METERS	FT.	METERS	FT.	METERS	FT.	METERS
80	24.4	220	67	145	44	50	15
100	30.5	260	79	155	47	60	18
120	36.6	300	91	165	50	70	21
140	42.7	340	104	175	53	80	24

WIRE ROPE LENGTHS ARE BASED ON DIGGING DEPTHS AS SHOWN.

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

DRAG LINE: 1-5/8" (42 mm) - DRAG ROPE, 6 X 25 FILLER WIRE, EXTRA IMPROVED PLOW STEEL, LANG LAY, IWRC. MINIMUM BREAKING STRENGTH 264,000 LBS. (119 750 kg).

DRAG LINE: 1-3/4" (45 mm) - DRAG ROPE, 6 X 25 FILLER WIRE, EXTRA IMPROVED PLOW STEEL, LANG LAY, IWRC. MINIMUM BREAKING STRENGTH 306,000 LBS. (138 800 kg).
(OPTIONAL)

REFER TO DRUM AND LAGGING CHART NO. 4861.