

WIRE ROPE SPECIFICATIONS

4600

CLAMSHELL — BOOM NO. 33 OR NO. 40

SERIES 1

Lengths are based on a 65 degree boom angle, 40 ft. (12.2m) digging depth from bottom of crawler pads and 90 ft. (27.4m) for reeving bucket.

Rewrap on 34½" (.9m) drums will occur if hoisting distance exceeds approximately 85 ft. (25.9m) with boom at a 65 degree angle and a digging depth of 40 ft. (12.2m). The occurrence of rewrap may vary depending on boom angle, digging depth, bucket size or length of wire rope chosen for the operation.

WIRE ROPE LENGTHS

BOOM LENGTH		REAR DRUM CLOSING LINE		FRONT DRUM HOLDING LINE	
FEET	METERS	FEET	METERS	FEET	METERS
100	30.5	355	108	265	81
120	36.6	395	120	305	93
140	42.7	435	133	340	104

CLOSING ROPE 1⅜" (34.9mm) — 6 x 41 Seale Filler Wire, Improved Plow Steel, Lang Lay, IWRC. Minimum Breaking Strength 167,000 lbs. (75,750 kg).

HOLDING ROPE 1⅜" (34.9mm) — 6 x 41 Seale Filler Wire, Improved Plow Steel, Lang Lay, IWRC. Minimum Breaking Strength 167,000 lbs. (75,750 kg).

REFER TO DRUM AND LAGGING CHART NO. 4861.