

WIRE ROPE SPECIFICATIONS — 3900B, 3900 VICON

**DRAGLINE — HINGED FAIRLEAD
WIDE AND NARROW DRUMS
BOOM NO. 8**

WIRE ROPE LENGTHS

BOOM LENGTH		LEFT DRUM HOIST		RIGHT DRUM DRAG	
FEET	METERS	FEET	METERS	FEET	METERS
60	18.3	175	53	90	27
70	21.3	190	58	95	29
80	24.4	210	64	100	30
90	27.4	225	69	110	34
100	30.5	240	73	115	35

Lengths are based on a 40 ft. (12.2m) digging depth.

Rewrap on narrow drum may occur depending on boom angle, digging depth, bucket size or wire rope chosen for the operation.

HOIST ROPE — 1" (25.4mm) — 6 x 25 Filler Wire, Improved Plow Steel, Lang Lay, IWRC. Minimum Breaking Strength 89,800 lbs. (40,730kg.).

DRAG ROPE — 1¼" (31.8mm) — 6 x 21 Filler Wire, Improved Plow Steel, Lang Lay, IWRC. Minimum Breaking Strength 138,800 lbs. (62,950kg.).

Refer to Drum and Lagging Chart No. 6106.