

V-GROOVE PULLER-TENSIONER



DESCRIPTION

This compact traction unit performs equally well as a puller or a tensioner and is ideal for reconducting applications. The self-loading, powered reel winder is an integral part of the machine and allows reels of conductor or pulling rope to be loaded and unloaded without a crane on the location. The unit can be used to pull out old conductor, wind it on a scrap reel, unload it and tension out the new conductor all with one machine.

Whether it's stringing new conductor, reconducting existing circuits and groundwire or wrecking out old conductors these combination units are ideal. The V-groove bullwheel permits easy handling of splicing sleeves and a wide range of conductor or rope diameters.

Conductor or pulling line is imbedded in the elastomer lined V-groove of the bullwheel. Timberland's unique hydraulic system allows the operator to preset the maximum pulling tension and provides infinite linespeed and linepull control.

The machine design incorporates a pivoting bullwheel arrangement which automatically aligns the bullwheel with the point on the reel from which the conductor is being payed off. During the pulling mode the operator controls the bullwheel movement to levelwind the pulled cable onto the storage reel.

STANDARD EQUIPMENT

- Infinitely variable speed and linepull control with overpull protection
- Spring applied / hydraulic released holding brakes
- Self-loading rear mounted reel winder
- Oscillating bullwheel for minimal fleet angle on conductor or rope
- Centrally located console for optimum visibility
- Tandem axle trailer mounted with air brakes
- Hydraulic front and rear jacks
- Elastomer bullwheel segments

SPECIFICATIONS

Maximum continuous linepull	2268 kg (5000 lbs) @ 6.4 k/hr (4 mph)
Maximum intermittent linepull	2721 kg (6000 lbs)
Linespeed	0-6.4 k/hr (0-4 mph)
Engine (diesel)	74 kW (100 hp)
Bullwheel diameter	1371 mm (54")
Bottom of groove diameter	1219 mm (48")
Maximum reel size	2438 mm x 1422 mm (96" x 53")
Maximum reel weight (highway)	4989 kg (11,000 lbs)
Maximum reel weight (jobsite)	7257 kg (16,000 lbs)
Unit weight w/o reel	4309 kg (9500 lbs)
Tow eye weight w/o reel	907 kg (2,000 lbs)

UNIT DIMENSIONS

Length (Approx.)	7950 mm (313")
Width (Approx.)	2445 mm (96.25")
Height (Approx.)	3353 mm (132")

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TENSION STRINGING EQUIPMENT & ACCESSORIES CATALOGUE