V-GROOVE PULLER-TENSIONER

**Model PTV 60-54**

**Description**

This compact traction unit performs equally well as a puller or a tensioner and is ideal for reconductoring 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, reconductoring 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.

**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)

**Dimensions**

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

**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

**Our People Care...**

**Our Equipment Is The Proof**