

CONDUCTOR STRINGING EQUIPMENT  
**PTV 100-72 Puller/Tensioner**



**V-Groove Puller-Tensioner:**

This compact traction unit performs equally well as a puller or a tensioner and is ideal for reconducting applications. Having the self-loading, powered reel winder as an integral part of the machine allows reels of conductor or pulling rope to be loaded and unloaded without a crane on the location.

Ability to operate equally well as a puller or a tensioner means that a unit can pull out old conductor, wind it on a scrap reel, unload it and tension out the new conductor all with one machine. For contractors or utility companies performing a wide variety of jobs, these units have unsurpassed versatility. 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. TSE'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.

At TSE, engineering is a process of continuous product improvement; therefore, specifications are subject to change without notice.

16-6600-062

**Specifications**

Maximum continuous linepull	10,000 lbs. @ 4MPH
Maximum Intermittent linepull	11,000 lbs.
Linespeed	0-4 MPH Variable
Engine	165 HP Diesel
Bullwheel diameter	72 inches
Bottom of groove diameter	65-1/2 inches
Maximum reel size	96" X 56"
Maximum reel weight (highway)	11,000 lbs
Maximum reel weight (jobsite)	16,000 lbs
Unit Weight w/o reel	10,500 lbs. approx.
Unit dimensions (approx.)	26' 4" L, 8' 4" W, 10' 9" H

**Standard Equipment**

- Fully hydrostatic drive system
- 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 electric brakes
- Hydraulic front and rear jacks
- Elastomer bullwheel segments