

## CONDUCTOR STRINGING EQUIPMENT **T30/36 VGRC V-Groove Tensioner/ Reel Carrier**



### **MODEL T30/36 VGRC V-GROOVE TENSIONER / REEL CARRIER**

The TSE Model T30/36 VGRC V-Groove tensioner / reel carrier is designed to provide positive control of conductor or wire released under tension. Each component of this tensioner / reel carrier has been designed to withstand rough field service throughout years of stringing operations. The frame is a heavy duty weldment of thick-walled structural steel which maintains the critical alignment of the bullwheel and brake disc. The open sided bullwheel frame design facilitates the threading of line. The bullwheel brake is controlled by a hydraulic controller with fine adjustment and an anti-surge accumulator to insure constant tensioning force. A pressure gauge and performance chart, mounted on a control panel, are provided to indicate the tension in the conductor.

A 3 roller fairlead with rubber lined rollers mounted on roller bearings is located to insure the conductor is guided from the reel shaft to the bullwheel groove. The reel shaft is TSE's quick reel change design and includes a manually operated 16 inch bronze disc brake. The reel shaft is mounted on replaceable bronze full circle sleeve bearings with grease fittings.

### **STANDARD FEATURES**

- Continuous performance of 3,000 lbs. tension at 4 mph.
- A single V-Groove bullwheel 36 inches in diameter with 1.75 inch groove width.
- Mounted on Timken bearings.
- Bolt on replaceable urethane lining segments.
- 36 inch bronze disc bullwheel brake.
- Hydraulic bullwheel brake calipers.
- 3 Roller fairlead.
- Pressure gauge and performance chart.
- Open reeved for easy installation and removal of conductor.
- Tongue and rear stabilizer jacks.
- Tandem axle with leaf spring suspension.
- Pintle hitch adjustable to four height positions.
- 2-5/8" reel shaft with double drive arm and lifting loop.
- 16" ventilated bronze disc reel shaft brake.
- Quick change reel shaft design.

### **OPTIONAL EQUIPMENT**

- Hydraulically operated reel shaft overspin brake.
- Manual reel shaft rewind.
- Hydraulic reel shaft rewind.

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

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