CONDUCTOR HANDLING EQUIPMENT

The TSE Model T30H/36 DD BWRC hydraulic tensioner / reel carrier is designed for conductor stringing, reconductoring and groundwire installation at infinitely adjustable tensions up to 3,000 lbs. Each component of this hydraulic 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 discs. The open sided bullwheel frame design facilitates the threading of line. The bullwheels are braked through a direct drive hydraulic motor and gear reduction that is powered by the puller at the opposite end of the operation. The tensioner requires no engine. 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 entrance groove. The reel shaft is TSE’s quick reel change design. The reel shaft is mounted on replaceable full circle bronze sleeve bearings with grease fittings.

DIMENSIONS & WEIGHT

<table>
<thead>
<tr>
<th>Unit Length</th>
<th>17’-0”</th>
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</thead>
<tbody>
<tr>
<td>Unit Width</td>
<td>7’-5”</td>
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<tr>
<td>Unit Height</td>
<td>8’-9”</td>
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<tr>
<td>Unit Weight</td>
<td>4,600 lbs (approx.)</td>
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</tbody>
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STANDARD FEATURES

- Continuous performance of 3,000 lbs. tension at 4 mph.
- (2) 4 groove bullwheels direct drive through gear reducer and hydraulic motor.
- Bolt on replaceable urethane lining segments.
- 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.
- Quick change reel shaft design.

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