



The Wagner-Smith Equipment Co. **Model T-BWT-4-61 (FO)** is a trailer mounted 61" B.O.G diameter bullwheel tensioner, and is designed for left hand lay OPGW fiber optic cable and ADSS fiber. The open-sided bullwheels are canted to minimize line twisting. Maximum line tension rating is 4,000 lbs. at an average 4 mph line speed.

Both simple to operate and easy to maintain the model T-BWT-4-61 (FO) is another innovative product designed and developed to meet the specific Transmission needs of the fiber optics industry.

## OPERATING FEATURES

- Bullwheel brakes are smooth running hydraulic calipers.
- Brake discs have flare hole cut to help dissipate heat.
- All unit operating controls are located at the operator's station, off the ground, for operator safety.
- Large diameter fairlead roller assembly is provided to reduce bending radius on input side.

## STANDARD FEATURES

- |                   |                                      |
|-------------------|--------------------------------------|
| • Tension Brakes  | Hydraulic actuated caliper, 42" dia. |
| • Front Hitch     | Adjustable 3" Lunette eye            |
| • Lighting        | DOT regulation (LED)                 |
| • Electrical Plug | 6-way pin                            |
| • Front Jack      | Manual crank type                    |
| • Rear Jacks      | Manual pin type                      |
| • Tires           | 215/75R x 17.5 Load Range "H"        |
| • Axle(s)         | Single 8,000 lbs. capacity           |
| • Suspension      | Leaf Spring                          |
| • Brakes          | Electric with Breakaway Switch       |
| • Wheel Chocks    | 2 each with support brackets         |
| • Tie Downs       | Front and rear on frame support      |
| • Seat            | Adjustable                           |



## MODEL T-BWT-4-61 (FO) SPECIFICATIONS

### UNIT PERFORMANCE

- |                          |            |
|--------------------------|------------|
| • Maximum Tension Rating | 4,000 lbs. |
| • Line Speed (Average)   | 4 mph      |

### BULLWHEEL TENSIONER

- |                        |                                 |
|------------------------|---------------------------------|
| • Diameter             | 61" (bottom of groove)          |
| • Groove Diameter      | 1.50"                           |
| • Number of Grooves    | 3                               |
| • Replaceable Segments | Yes                             |
| • Bullwheel Lining     | Elastomer (Bolt-on)             |
| • Tensioning Brakes    | Hydraulic actuated caliper/disc |
| • Brake discs          | 42" diameter                    |
| • Bullwheels           | Canted                          |

### DIMENSIONS & WEIGHT

- |               |            |
|---------------|------------|
| • Unit Length | 17' 3 3/8" |
| • Unit Width  | 8'         |
| • Unit Height | 9' 5 1/4"  |
| • Net weight  | 5,820 lbs. |
| • GVWR        | 8,920 lbs. |
| • GAWR        | 8,000 lbs. |
| • Tongue Load | 920 lbs.   |