



TSE INTERNATIONAL, INC.
MODEL T50/52 BWRC COMBINATION TENSIONER / REEL CARRIER

Performance

- * Continuous performance of 5,000 lbs. tension at 4.0 mph.
- * Capable of tensioning of conductors up to 1113 ACSR.

Bull Wheels

- * Two five groove bull wheels 52 in. in diameter.
- * Groove diameter of 1.5 in.
- * Each bull wheel has bolt on replaceable urethane lining segments.
- * Each bull wheel has a 36 in. diameter bronze disc brake and a hydraulic brake caliper.
- * The bull wheel brakes are controlled by a single hydraulic control with fine adjustment and an anti-surge accumulator to insure equal tensioning force is exerted on each bull wheel.

Control Console

- * A pressure gauge and performance chart, mounted on a control panel, are provided to indicate the tension in the conductor.

Fairlead

- * A 3 roller fairlead with rubber lined rollers mounted on roller bearings is located to insure conductor is guided from the reel to the entrance groove.

Reel Capacity

- * Maximum reel diameter capacity is 96 in.
- * Maximum reel width capacity is 54 in.
- * Maximum reel weight capacity is 12,500 lbs.

Reel Shaft

- * The reel shaft is 2-5/8 inches in diameter.
- * Equipped with a double drive arm with 2 adjustable drive pins, a clamp type locking collar and lifting loops.
- * The reel shaft is mounted on replaceable bronze full circle sleeve bearings with grease fittings for smooth operation and long life.
- * The reel tensioning brake is a 16 in. diameter bronze, ventilated disc with a manually adjustable caliper. The reel brake provides adequate tension to prevent over spin of the reel as it enters the bull wheel tensioning module.
- * The reel shaft is designed for quick reel change. The reel and shaft are lifted straight up with no side shift required to remove the assembly. No tools or adjustments to the over spin brake are required.

Trailer and Undercarriage

- * Tandem axle set with 16,000 lbs capacity, spring type with electric brakes and a break away switch.
- * Two breakaway safety chains with hooks.
- * Four 9R -17.5 HC tires each having a capacity of 4,410 lbs.
- * Standard LED lighting with a dual tail light system.
- * Heavy duty, crank type, drop leg mechanical tongue and rear jacks.
- * 3" pintle hitch adjustable to 4 height positions using pin type connections which do not require tools for adjustment.
- * The trailer frame and tongue is constructed of tubular steel and is fully welded.
- * Heavy duty checker plate fenders.
- * The unit is sandblasted, primed and painted with two coats of polyurethane finish paint.