



**TSE INTERNATIONAL, INC.
MODEL DPT40B TRAILER MOUNTED PULLER/TENSIONER**

Performance

- * Continuous torque rating of 70,000 in.-lbs., intermittent rating of 80,000 in.-lbs.
- * Continuous line pull rating of 4,000 lbs. with 10,000 ft. of 5/8" rope on the reel.
- * 0-4 M.P.H. pulling speed with infinite speed control.
- * Pulling and tensioning operations are completely hydraulic controlled.

Reel Shaft

- * The reel shaft is 2-5/8 inches in diameter.
- * Equipped with a reel drive arm with 2 adjustable drive pins, a clamp type locking collar and lifting loops.
- * The reel shaft is mounted on replaceable full circle bronze sleeve bearings with grease fittings for smooth operation and long life.
- * 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 hydraulic drive system or over spin brake are required. (No Exceptions)
- * Shaft mounted over spin brake using a 16" bronze disc and manual caliper for controlled payout of the pulling rope in the freewheel mode.

Hydraulic Reel Drive

- * The reel drive incorporates a spring applied-hydraulic released holding brake rated at 150% of the maximum rated torque. The brake applies automatically in the event of loss of hydraulic pressure or engine shutdown.
- * Hydraulic drive must be chain driven (No Exceptions)
- * Piston type hydraulic motor.
- * Manual holding brake control.
- * Fully hydrostatic drive system with infinite speed and tension control.
- * Hydraulic oil cooler to ensure uniform heat dissipation and add to hydraulic component life.
- * 18-gallon hydraulic reservoir with oil level and temperature gauge.
- * The reel drive is equipped with disconnect pin which will allow the reel to freewheel independently of the hydraulic drive system.

Engine: John Deere 3029

- * 49 HP water-cooled diesel engine with 12-volt electric starter, keyed ignition, throttle, ammeter, and oil pressure indicators.
- * 19-gallon fuel tank with level gauge.
- * Lockable steel battery box.
- * Glow plugs for cold weather start.

Control Console

- * The console is positioned in the center of the trailer's tongue for optimum operator visibility and safety. It includes:
 - Permanently engraved panel.
 - Hydraulic pressure gauge.
 - Reel direction and speed controller. Includes a positive stop between Pull in and Pay out setting.
 - Adjustable line pull/tension controller.
 - Reel holding brake controller.
 - Line pull chart for estimating line pull or tension.
- * Operator's welded wire protective screen.
- * Deluxe, padded operator's seat with horizontal and vertical adjustments.

Trailer and Undercarriage

- * Tandem axle set, spring leaf type with electric brakes and a break away switch.
- * Two break away safety chains with hooks.
- * LED highway lighting with a dual tail light system, one for turn light and one for brake light.
- * Reflective tape as required by NHTSA.
- * Heavy-duty crank type rear jacks.
- * Operator's platform will have non-skid surface
- * 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 with mud flaps.
- * The unit is sandblasted, primed and painted with Polyurethane finish.
- * Hydraulic powered overhead levelwind with a swing-away top opening, roller and controlled from operator's console.

Additional Options

- * Model 4446 steel overhead pulling reel
- * 10,000 ft. of 5/8 in. diameter TSE Superline pulling rope
- * TSE Pulling Grip installed on the pulling rope.
- * TSE-Model SW-13L (5,000 lb. swivel)