



**TSE INTERNATIONAL, INC.
MODEL DP-3.5-4H TRAILER MOUNTED FOUR DRUM PULLER FINAL TIER 4**

Performance

- * Continuous torque rating of 96,000 in.-lbs.
- * Intermittent torque rating of 102,000 in.-lbs.
- * Continuous line pull capacity of 3,500 lbs. with 15,000 ft. x 5/8" of rope on the reel.
- * 0-4 miles per hour line speed at full reel with infinite speed control and excellent inching ability.

Reel

- * Four pulling reels with individual clutch control to each reel.
- * Reel dimensions are 56 inch outside diameter 21 inch inside width and 12.75 inch core.
- * Each reel has a capacity for 15,000 ft. of 5/8" diameter pulling rope.
- * Free wheeling reels with individual 24" diameter bronze disc brakes and hydraulic brakes on each reel for controlling rope payout.
- * The reel shaft is mounted on replaceable ball bearings with grease fittings for smooth operation and long life.
- * Four hydraulic boom-type level winds with speed and direction controls in the console.

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.
- * Manual holding brake control.
- * Closed loop hydrostatic drive system with infinite speed and line pull control.
- * Hydraulic oil cooler to ensure uniform heat dissipation.
- * 30 gallon hydraulic reservoir with oil level and temperature gauge.

Engine

- * 71 horsepower Final Tier 4 water cooled diesel engine.
- * 19 gallon fuel tank with level gauge.
- * Lockable steel battery box with maintenance free battery.
- * Hour meter.

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.
 - Drive brake control.
 - Line pull chart for estimating line pull or tension.
 - Engine throttle, choke, and ignition controls.
 - Level wind directional and speed controls.
- * Operator's seat: adjustable horizontally and vertically.
- * Operators welded wire protective screen.

Additional Options

- * TSE Superline pulling rope 15,000 ft. x 5/8" diameter.
- * TSE Pulling grip installed on the pulling rope.
- * TSE SW-13 pulling swivel (5,000 lb.)

Trailer and Undercarriage

- * Tandem axles with 24,000 lbs. capacity (GVWR 26,400 lbs), spring leaf type with electric brakes on each axle.
- * Two breakaway safety chains with hooks.
- * Four tires having the capacity of the unit.
- * Wheels: quantity 4 disc type.
- * Trailer plug: 7-pin connector.
- * Standard highway lighting with a dual tail light system, one for turn light and one for brake light.
- * Two grounding bars, one on the tongue and the other at the rear of the unit.
- * Reflective tape as required by NHTSA.
- * Hydraulic Front Jack.
- * Two rear heavy duty, crank type, drop leg mechanical 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.
- * The unit is sandblasted, primed and painted with two coats of polyurethane finish paint.