

CONDUCTOR STRINGING EQUIPMENT *DP100 Drum Puller*



The TSE Model DP100 is a heavy duty drum puller designed for transmission line stringing in the 8,000-10,000 lbs. range. Powered by a 165 horsepower 6 cylinder diesel engine and twin hydrostatic transmissions the unit provides continuous infinitely variable speed, torque and directional control within the performance parameters. Each transmission is equipped with two speeds to provide greater flexibility of the pulling operation by allowing increased speed or increased pull. The drive incorporates a spring applied/hydraulic pressure released safety brake which applies automatically in the event of engine shutdown or can be applied by the operator from the control console. Centrally located controls with a protective operator's enclosure allow one man to set up the unit and complete the pulling operation. The operator controls are designed to automatically limit conductor tension to a presettable maximum value to prevent damage to the conductor, towers, stringing blocks, and line hardware. The machine also incorporates a freewheel disconnect and 36 inch bronze overspin pay-out brake to allow the pulling rope to be installed at high speeds and under controlled tensions. The rear mounted engine greatly reduces noise at the operator's ear.

SPECIFICATIONS

Maximum Continuous Linepull	10,000 lbs. @ 4 MPH
Maximum Intermittent Linepull	12,000 lbs.
Linespeed	0-5 MPH Variable
Engine	165 HP Diesel
Drum Capacity	12,000' of 7/8" rope

STANDARD EQUIPMENT

- Fully hydrostatic drive system
- Infinitely variable speed and linepull controls
- 2 speed ranges for optimum performance
- Spring applied, hydraulic pressure released safety brake
- Overpull protective cutout
- Enclosed operator's control station
- Hydraulic operated overhead levelwind
- Freewheel disconnect and 36" bronze payout brake
- Front and rear jacks
- Pintle eye trailer with tandem axles and electric brakes

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

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