



UNDERGROUND PULLER

TSE UP70BD

PRODUCT DESCRIPTION

The TSE Model UP-70 & UP-70B Underground cable pullers provide infinite speed control and precise tension and distance monitoring. The 8" bullwheels are powered by a hydrostatic drive with a variable displacement axial piston pump and a two speed hydraulic motor. The cable payout is on demand with the the bullwheel drive system feeding the pulling rope when any load in excess of 1 lb. is placed on the cable.

In the high linepull range the unit has a continuous linepull of 7,000 lbs and a maximum speed of 100 fpm. In the high speed range the unit has a maximum continuous linepull of 3,500 lbs. and a maximum speed of 200 fpm. In either speed range the linespeed is infinitely variable from 0 to maximum. The speed control provides excellent inching capability throughout all line pull settings.

The storage reel will hold 3,000 ft. of 3/8 in. diameter steel pulling rope. A diamond lead screw automatic levelwind provides for even winding of the pulling rope onto the storage reel. The levelwind is driven from the storage reel and automatically traverses as the reel turns.

A dynamometer gauge is included calibrated in lbs. of linepull with an adjustable overload cut-off that will automatically stop the pull if the preset maximum line pull is reached. The unit is equipped with an emergency stop button and a 20 ft. long pendant cord. In the event the button is depressed all pulling will stop.

An 8 inch swivelling rear fairlead sheave is provided to guide the pulling rope into the machine, The sheave pivots through 360 degrees and has a locking screw to set it at any angle.

KEY FEATURES

- 7,000 lb maximum linepull.
- 0-200 fpm maximum linespeed range.
- 8" bullwheels with 5 grooves.
- Reel capacity of 3,000 ft of 3/8" wire rope.
- Rope payout on demand.
- Automatic leadscrew levelwind.
- Swivelling rear fairlead.
- Overload cut-off.
- Pivoting rear jib with multi-positional roller.
- 27 HP water-cooled diesel engine on the UP-70.
- 61 HP gasoline engine and 175 cfm air compressor combination on the UP-70B.

OPTIONS

- 2,000 ft. or 3,000 ft. of 3/8" galvanized steel pulling rope.
- Spring driven reel for air hose storage and automatic retrieval, includes 50' of hose.
- Three head roller assembly for a larger bending radius.
- Hold down roller assembly with 4", 5" & 6" conduit adapters to prevent pulling the duct out of the ground.
- Chart recorder kit.



UP70BD



Rear View



Rear View



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