

DP100 DRUM PULLER



The TSE Model DP100 is a trailer mounted single drum puller designed to transport; store and control the release and retrieval of synthetic pilot rope in transmission or distribution line stringing.

The puller is fully hydrostatic with infinite speed linepull control from zero to the maximum performance of the machine. Power for the puller is obtained from the 161 horsepower Tier IV engine. The drum is driven by two (2) independent hydraulic drives. The drives are composed of variable displacement axial piston motors; a spring-on hydraulic released holding brakes, a two stage planetary reducer and final chain drive. The drum is also equipped with a boom type levelwind to ensure even spooling of the rope onto the drum, freewheeling pins, and a hydraulic caliper/bronze disc style brake.

GENERAL SPECIFICATIONS

Unit Dimensions

Length: 243 inches
 Width: 96 inches
 Height: with operator's guard down .. 110 5/8 inches

Drum Dimensions

Core Diameter:..... 24 inches
 Width between flanges:..... 60 inches
 Flange Diameter:..... 80 inches
 Drum Capacity: 21,000 ft. of 1 inch
 synthetic pulling rope

Performance

Continuous Line Pull: 10,000 lbs.
 Line Speed: 4 mph

DIMENSIONS & WEIGHT

Unit Length..... 20'-3"
 Unit Width..... 8'-0"
 Unit Height 9'-2" (operator
 screen down)
 Unit Weight..... 18,000 lbs. (approx.)
 (with rope)

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



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