



# SHERMAN & REILLY

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**Pilot Line/  
Drum Puller**

## Pilot Line/Drum Puller PLW-350-4-WF-T



### General Specifications:

The Sherman & Reilly all purpose 4 drum pilot line/drum puller model PLW-350-4-WF-T water fall design is ideal for pulling in heavier overhead pulling ropes, distribution, sub-transmission, and even transmission class conductors. Unit can be powered by an ultra-quiet industrial diesel to provide a full 3500 lbs. line pull on top of each drum when filled with 12,000 ft. 5/8" dia. synthetic pulling rope. With only 6,000 ft. of 5/8" rope on the reel, the pulling power increases to 5,000 pounds on the last wrap of the rope. This unique puller is the ultimate in pulling one, two, three, or four conductors or ropes simultaneously. Central console provides the operator with variable control of the speed of each drum along with variable line tension control. Four manually operated, hydraulic levelwinds ensure even distribution of rope. Each drum has its own independent levelwind for total control of even and smooth winding. Spring applied, hydraulically released brake automatically engages when necessary. Drag type, hydraulic caliper-disc brake prevents overspinning of drum when rope is being "payed out." Brakes are controlled from operator's console. Locking dogs are standard. Frame is rigidly constructed of high strength continuously welded steel members by certified welders. Stress relieved pulling drums designed to withstand compressive forces of synthetic rope under tension. Ideal for stringing multiple conductors in distribution or sub-transmission. Unit will develop 95,000 inch lbs. continuous torque at an average speed of 4 mph and is equipped with spring applied/hydraulic pressure release failsafe/brake. Trailer is standard with hydraulic front leveling jack, drop and pin type rear leveling jacks, adjustable pintle eye, safety chains, D.O.T. Lighting, and safety operating features second to none.

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ISO 9001 Certified



1-18C



## **Pilot Line/Drum Puller PLW-350-4-WF-T**

### **GENERAL SPECIFICATIONS\***

Pulling Capacity .....	3,500 lbs. Top of Drum, 5,000 lbs. with 6,000 ft. of rope
Maximum Drum Speed .....	4 mph (Average to fill drum)
Steel Pulling Drum .....	Four 54" Diameter Flange x 16" Core x 28.75" Inside Width-Stress Relieved
Drum Capacity .....	12,000' of .625" Diameter Rope - synthetic 18,000' of .5" Diameter Rope - synthetic
Locking Dogs .....	Four (1 per Drum) Manual
Drag Brake .....	Four (1 per Drum) Hydraulic
Hydraulic Level Wind .....	Four (1 per Drum)
Hydraulic Reservoir .....	35 Gallon Capacity
Hydraulic System Oil .....	Dexron Quality Transmission Fluid
Drive System .....	Hydraulic/Chain and Sprocket Final Drive
Fail Safe Brake .....	Emergency/Parking Brake Spring Applied/Hydraulic Pressure Released

### **TRAILER SPECIFICATIONS**

Maximum Gross Vehicle Weight Rating .....	33,500 lbs.
Axle .....	Tandem
Suspension .....	Leaf Type
Tires .....	235 - 75R - 17.5 - H
Road Brakes .....	Electric w/ Break-away Safety Switch(Air Optional)
Trailer Lights .....	Standard, All DOT Approved
Electric System .....	12 Volt
Engine .....	84 HP Diesel Standard
Jack, Front .....	Hydraulic
Jacks, Rear .....	Drop Leg & Pin Type (Hydraulic Optional)
Pintle Eye .....	Adjustable from 24" to 36"
Safety Chains & Hook .....	Two - High Strength
Battery .....	Enclosed (Provision for Locking)
Fuel Tank .....	27 Gallon (Provision for Locking Optional)
Construction .....	Rectangular Steel Tubing – Welded Solid
Grounding Loops .....	Four Total (2 Front, 2 Rear) Copper Clad
Dimensions (approximate)	
Height (approximate) .....	8'8" (Operator Safety Screen Down)
Width (approximate) .....	102"
Length (approximate) .....	22'
Weights (approximate) .....	22,000 lbs. (without Rope)
Weights (approximate) .....	26,000 lbs. (with Rope)

\* Dimensions, weights, capacities are approximate. Manufacturer's specifications subject to change without notice.

