

# TPVG-1424-T “V-Groove” Puller-Tensioner

Multi-Role Puller-Tensioner  
4,000 lb. Class



## KEY FEATURES

- 42” diameter v-groove bullwheel.
- Automatic emergency brake for safety.
- 25 HP liquid cooled diesel engine.



## OVERVIEW

Capable of tensioning up to 4,000 lbs. at 4 mph, the Sherman + Reilly Model TP-1424-T “V” Groove Tensioner provides the ultimate in smooth tension control of single conductor through its purely controlled hydraulic system. Equipped with a 42” diameter v-groove bullwheel, cast with polyurethane and precision CNC machined for proper radius and depth. The “V” Groove tensioner is also equipped with an automatic emergency brake in case of loss of hydraulic pressure or power.

## SPECIFICATIONS

Maximum Tensioning Capacity:	4,000 lbs.
Maximum Pulling Capacity:	4,000 lbs.
Maximum Speed Tensioning Mode:	4 mph
Reverse Drive (Pullback):	3,000 lbs. @ 2 mph
Bullwheel Size:	42” dia.
Groove Diameter (Conductor):	1.5 in. dia.
Bottom of Groove:	36 in. dia.
Groove Lining Material:	Cast polyurethane 92 durometer A scale
Bullwheel V-Groove Profile:	Precision machined CNC
Engine:	Diesel, 25 HP, water-cooled
Tensioning (Hydraulic Motor):	Planetary gearbox (closed loop system)
Final Drive:	Chain and sprocket
Fail-Safe Brake:	Hydraulic relieved / spring applied
Directional Controls:	Variable speed, pressure and pre-set mode
Reel Capacity:	1 reel carrier
Maximum Reel Width:	54”
Maximum Reel Diameter:	84”
Maximum Reel Weight:	8,000 lbs.
Reel Shaft:	2-5/8”
Reel Brake:	16 in. aluminum/bronze caliper disc
Tailing Tension Brake Control:	Hydraulic; adjustable from console, ACG
Frame Construction:	Steel tubing, continuous-weld



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Distribution  
Overhead  
Equipment