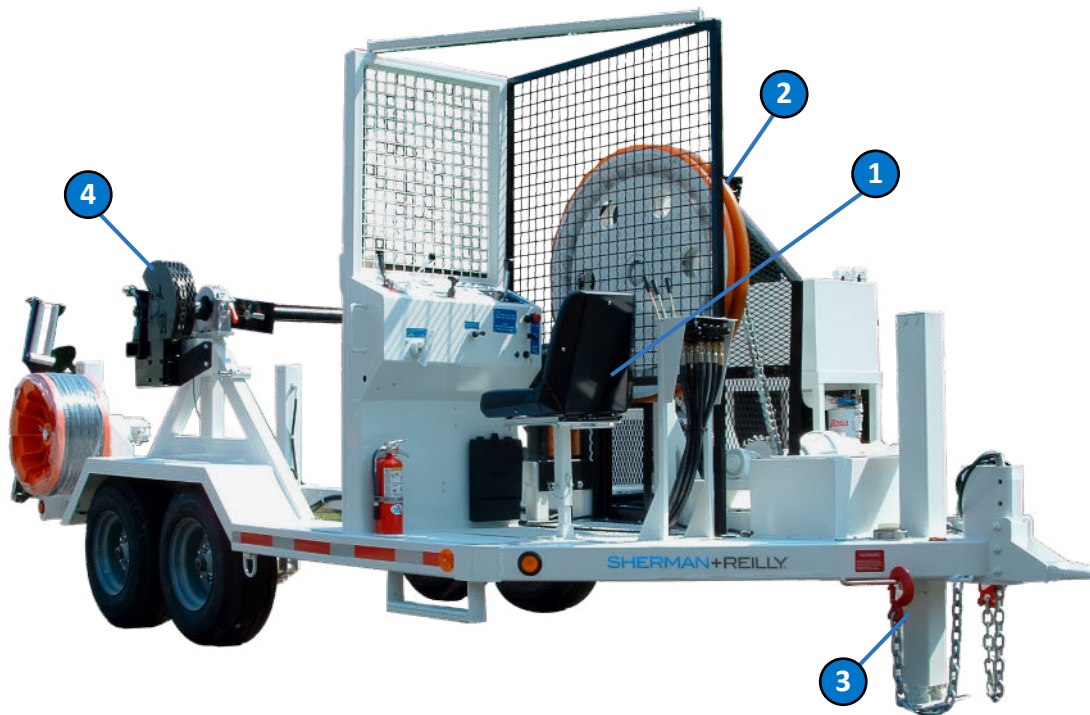




SHERMAN+REILLY®

TVG-1424 V-Groove Tensioner

4,000-lb. Multi-Role Tensioner



- 1 Ergonomic operator's station
- 2 42-inch diameter v-groove bullwheel
- 3 Hydraulic leveling jacks
- 4 Seamless reel change with Sherman+Reilly pillow block bearing support

Features

- Smooth tension control of single conductor through hydraulic system
- Spring-applied, hydraulic-pressure-released fail safe brake
- Precision, CNC-machined v-groove profile

Specifications

Max. Tensioning Capacity	4,000 lb.
Max. Pulling Capacity	3,000 lb.
Max. Speed	4 mph
Bullwheel Size	42 in. dia.
Groove Diameter (Conductor)	1.5 in. dia.
Bottom of Groove	36 in. dia.
Groove Lining Material	Cast polyurethane
Bullwheel V-Groove Profile	Precision-machined CNC
Engine	Turbocharged, Tier-4 final, diesel, 49 HP, water-cooled, Kubota®
Tensioning (Hydraulic Motor)	Planetary gearbox (closed-loop system)
Final Drive	Chain & sprocket
Fail Safe Brake	Hydraulic-relieved/spring-applied
Directional Controls	Variable-speed, pressure and pre-set mode
Reel Capacity	1 reel carrier
Max. Reel Width	54 in.
Max. Reel Diameter	84 in.
Max. Reel Weight	8,000 lb.
Reel Shaft	2½ in.
Payout Brake	16 in. aluminum/bronze caliper disc
Frame Construction	Steel tubing, continuous weld
Length (Overall, Nom.)	20 ft.
Width (Overall, Nom.)	8 ft. 6 in.
Height (Overall, Nom.)	9 ft. 4 in.
Weight*	9,200 lb.
GVWR	18,000 lb.
Fuel Capacity	13 gal.
Hydraulic Fluid & Filtration	ISO Grade 32; 10 micron
Tailing Tension Brake Control	Hydraulically-adjustable from operator console
Suspension	Leaf-spring
Axle Configuration	Tandem; 10,000 lb. each
Wheel Configuration & Tires	235/75R 17.5
Brakes (Trailer)	Electric, w/ break-away switch
Towing Attachment	3 in. pintle eye with (2) safety chains & hooks
Tie Downs (4)	¾ in. dia. steel D-rings (2) 1 in. dia. steel D-rings (2)
Bumper (SS/CS) Jacks	Hydraulic w/ shoe (2)

Tongue Jack	Hydraulic w/ shoe (1)
Electrical System	12 VDC
Battery	12V, 840 CCA, BCI group 27
Lights/Navigation	US DOT, LED, 12 VDC
Grounding	¾ in. dia. copper-clad steel loops (4)
Wheel Chocks	Standard
Fire Extinguisher	ABC
Color	S+R white

Options

- Solar battery charger
- Hydraulic retriever for reel control
- Spider® pilot line system with independent levelwind, S-75 or S-85 Spider® reels with 3,000 ft. or 6,000 ft. of rope capacity
- Spider® rewind performance: in. 10,000 in./lb. (1,000 lb. of line tension at 20 in. dia.)
- RDG-2100 rotating distribution ground
- DG-4100 running ground
- RCR-60 - Core: 24 in. to 18 in. tapered; Total outside width: 39 in.; Flange diameter: 60 in.
- RDG-4100 rotating distribution ground
- Powered reel carrier rewind/puller
- Powered pilot line Spider® rewind
- Pilot line Spider® levelwind 12V electric

*Specifications are subject to change