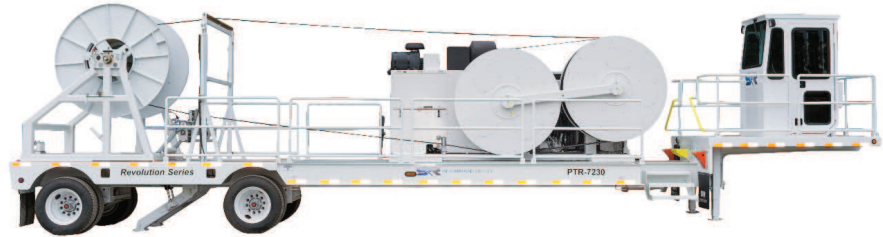


# PTR-7230

## Specifications



### General Overview

The Sherman+Reilly Revolution Series PTR-7230 is a puller/tensioner/reconductor in a single unit delivering 30,000 lbs. of pulling force and tensions up to 25,000 lbs. With a maximum speed of 4 mph, the 72 inch bullwheels provide constant tension and can handle transmission-class conductors. The PTR-7230 features a fully electronic, integrated control system for precision application of force to conductors, and an integrated drum for steel hardline; no separate reel trailer is required.

This machine also allows for synchronized integration of external reel stands. The PTR-7230's heavy-duty 5th wheel trailer offers excellent ground clearance for tackling very rugged terrain. The addition of a powerful 7.1 liter, 268 HP, 6-cylinder diesel engine supplies plenty of power for the large and long pulls. The operator controls employ PLC machine control with CAN-bus technology, and uses a removable/replaceable memory card to store all relevant stringing data. The onboard computer system allows for self-diagnostics of all hydraulic circuits with results shown on a large color display.

The PTR-7230 features a Safe-Zone™ Cab providing ultimate safety and comfort for the operator. The Safe-Zone™ Cab employs a poly carbonate front window for maximum visibility while providing superior protection against impact. The cab includes climate control, a fully adjustable ergonomic seat, and all required electronic controls and gauges. The Safe-Zone™ Cab is designed to reduce operator fatigue, and provide an "off-ground" envelope for greatly reducing the risk of "touch potential" in energized environments.



### Key Features

- Fully Hydraulic/Direct Drive System
- Puller/Tensioner/Reconductor in a single unit
- Safe-Zone™ Cab- Fully Enclosed, w/Climate Control
- 72 inch Bullwheels- Hydraulically Driven
- 84 in. Rope Reel with Optional 25,000 ft. (Max) Unitrex™ Synthetic Rope
- Horizontal Automatic Levelwind/Fairlead
- Centralized Engine Controls- CAN-bus technology
- Digital Controls and Self Diagnostics



# Specifications

## Specifications Details: PTR-7230

(Dimensions, weights, and capacities listed are approximate. All specifications are subject to change without notice.)

Maximum Pulling Capacity	30,000 lbs.
Maximum Tensioning Capacity	25,000 lbs.
Maximum Line Speed	Pulling: 4 mph. @ 16,000 lbs. / 2.3 mph @ 30,000 lbs.
Maximum Reconductor Reel Size	112 in. Diameter / 60 in. Width / Contact S+R for Total Weight w/Conductor
Rope Reel Dimensions	84 in. Diameter / 60 in. Width / 3,832 lbs. Weight (Empty) (Opt.) 112 in. Diameter / 60 in. Width / 5,173 lbs. Weight (Empty)
Rope Reel Capacities	.84 in. dia. Unitrex™ / 25,000 ft. on 84 in. Reel / 5,750 lbs. Rope Weight
Hardline Capacity (Maximum)	20 mm. dia. Anti-Twist Steel Cable / 24,250 ft. on 84 in. Reel / 29,102 lbs Total Weight
Bullwheels (2)	72 in. / 8 Groove
Bullwheel Linings	1 3/16 in. Groove Radius / Molded Neoprene / Replaceable
Drive System	Direct Drive: hydraulic motor, bullwheel
Drive System Engine	Turbocharged, diesel, 268 HP, water-cooled
Fuel Capacity	35 U.S. gallon
Hydraulic Fluid	ISO Grade 32
Hydraulic Reservoir	20 U.S. gallon
Hydraulic Fluid Filtration (3)	25 microns, two in tank return filters, one pump filter
Tensioning Brake	Hydraulic-applied, automatically controlled- per operator settings
Fail-Safe Brake	Spring-applied- released by hydraulic pressure
Fairlead Rollers / Levelwind	Single, hydraulically driven, automatically controlled, remotely adjustable
Levelwind	Hydraulically driven, automatically controlled
Operator's Safety Enclosure	Safe-Zone™ Cab, fully enclosed, dual door, climate controlled
Frame Construction	Steel, continuous-weld
Length (Overall, Nom.)	48 ft.
Width (Overall, Nom.)	8 ft., 6 in.
Height (Overall, Nom.)	12 ft., 2 in.
Weight (With Rope, Nom.)	Contact S+R
GVWR	63,391 lbs.
Suspension	Air Ride
Axle Configuration	Tandem
Wheel Configuration and Tires	Dual 275/70R 22.5
Brakes (Trailer)	Air
Towing Attachment	5 <sup>th</sup> Wheel, 2 in. king pin
Rear (R/L) Jacks (2)	Hydraulic, with shoe
Front/Nose Jack (2)	Hydraulic, vertical cylinder type, with shoe
Electrical System	Split 12/24 VDC
Battery (2)	12 V, 720 CCA, BCI group 93
Lights / Navigation	12 V, LED, U.S. DOT-approved
Tie Downs (2)	1 in. dia. steel D-Rings
Rope Tie-Offs (2)	1 in. dia. steel D-Rings
Grounding (6)	3/4 in. dia. copper-clad steel loops
Wheel Chocks	Standard
Fire Extinguisher	ABC
Color	S+R White