

PT2450

HYDRAULIC
PULLER-TENSIONER

Leading the Industry in Design & Performance

The Condux Tesmec line of Puller-Tensioners is designed to improve productivity and efficiency while limiting downtime and improving job site safety. Hydraulic Puller-Tensioners offer industry leading features like negative self-acting hydraulic brakes, integrated hydraulic dynamometers, hydraulic cooling systems, advanced user controls and more. Condux Tesmec puller-tensioners are the safest and most effective on the market today.



ISO 9001:2015
CERTIFIED

PT2450 HYDRAULIC PULLER-TENSIONER



LOCKABLE SOUNDPROOF COVERS

Lockable, soundproof covers add safety and security during and after machine operations.



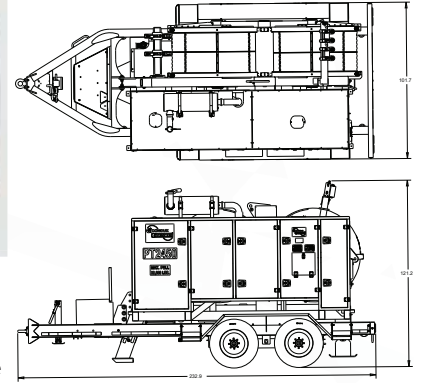
NEW DIGITAL HMI

The new user interface features a 7-inch color display with integrated pull and speed recorder.



REMOTE CONTROL

The radio remote control provides total user machine control while integrating with the new digital user interface.



GENERAL SPECIFICATIONS:

PERFORMANCE

Max pull	2 x 11,240 lbf (50 kN)/1 x 22,480 lbf (100kN)
Speed at max pull/tension	1.25 mph (2 km/h)
Max speed	3.1 mph (5 km/h)
Pull/tension at max speed	2 x 4,500 lbf (20 kN)

CHARACTERISTICS

Bull-wheel diameter	59 in (1,500 mm)
Max conductor/rope diameter	1 ⁵ / ₈ in (42 mm)
Number of grooves per side	5 & 5

ENGINE

Diesel	140 hp (105 kW)
Emission Level	tier 4f/Stage IV
Cooling system	liquid
Electrical system	24 V

HYDRAULIC TRANSMISSION

CLOSED HYDRAULIC WITH A PULL PRESETTING SYSTEM THAT AUTOMATICALLY ADJUSTS PULLING SPEED.

GENERAL SPECIFICATIONS - DOT

Weight (w/rope)	20,100 lbs (9,120 kg)
Overall Length	233 in (5,918 mm)
Overall Width	102 in (2,591 mm)
Height	121 in (3,073 mm)

STANDARD EQUIPMENT

New digital HMI provided with:

- Color 7-in. display.
- Integrated pull and speed recorder.
- Remote diagnostic with GPS data recorder.

Radio remote control.

Negative self-acting hydraulic brake.

Hydraulic oil cooling system.

Hydraulic quick connectors to control 2 separate reel stands/winders.

Electronic arrangement for connection of multiple machines and for stringing synchronization.

Gearbox with 3 operating positions:

- Neutral position (with free bull-wheels for conductor loading and unloading)
- low tension position 450 - 2,700 lbs (2 - 12 kN)
- nominal tension position 1,800 - 11,240 lbs (8 - 50 kN)

Hydraulic front and rear stabilizer.

Grounding connection points.

Hydraulic rope clamp for reel change operations.

Automatic greaser.

OPTIONAL EQUIPMENT

- ALL037** Preheating device for use up to -22°F (-30°C)
- ALL261** External printer
- TAYS326** 6 groove sector kit both sides per side
- TAYS229** 4 groove sector kit both sides

CONDUX | TESMEC



Note: the basic machine performance is calculated at 68°F (20°C) and at sea level.

The latest issue of the Condux Tesmec Stringing Equipment & Accessories Catalog includes comprehensive product information specific for stringing applications in the transmission and distribution industries.



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