



Quality Tools, Equipment & Line Materials for the Energy Industry.



## 100kN Digital Puller Tensioner

Part No. PT2451

# TESMEC - GEN 4.0 100kN Puller/Tensioner

## TESMEC



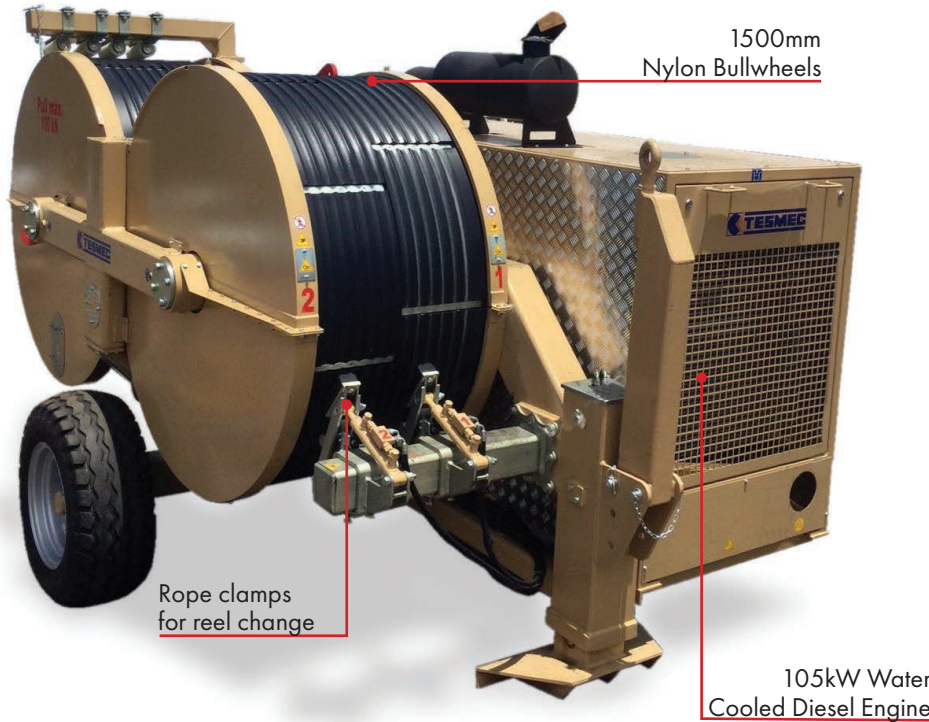
**MAX TENSION**  
2 x 50kN



**MAX SPEED**  
5km/h



**CONDUCTOR DIAMETER**  
42mm



- Tesmec Digital HMI 178mm (7") Colour Display. Radio Remote Control. Data Recorder
- Rope clamp
- Integrated covers

**100kN MAX PULL**

Performance	
Max pull (kN)	2 x 50/ 1 x 100
Speed at Max pull (km/hr)	2
Max speed (km/hr)	5
Pull at Max speed (kN)	2 x 20
Characteristics	
Bull-wheel diameter (mm)	1500
Bull-wheel material	NYLON
Max conductor diameter (mm)	42
Max rope diameter (mm)	21
Weight (without rope) (kg)	6700
Number of grooves	12
Suitable for	2 conductors
Layout	Twin

Configuration	
Tescmec digital HMI.	
Automatic reel winder.	
Lockable sound proof integrated covers.	
Rope clamp for reel change.	
Negative self-acting hydraulic brake.	
Rigid axle 30 km/h.	
Earthing connection point.	
Hydraulic front stabilizers.	
Power pack to control 2 reel stands or 2 reel-winders.	
Gearbox with 3 operating positions on 1 circuit:	
• Neutral position (with free bull-wheels for conductor loading and unloading).	
• Low tension position:	
- 4 to 17kN as tensioner	
- 0 to 17kN as puller	
• Nominal tension position.	

Engine	
Diesel (kW)	105 (140hp)
Cooling System	Water
Electrical System	24V
Hydraulic Transmission	
Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.	
Available Options	
ALL005	Hydraulic power for compressor
ALL037	Preheating device up to -30°C
ALL089	Electronic connection and synchronization between machines
ALL216	External printer
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription
ALL280	Automatic grease pump.

