





PT50


HYDRAULIC PULLER -TENSIONER



Hydraulic machine designed to operate both as a tensioner and as puller, fit to string one rope or conductor.
One hydraulic circuit allows to tension at constant force even when stringing speed changes. In puller mode, one hydraulic circuit allows to continuously vary the speed in both directions.

			
MAX PULL-TENSION	MAX SPEED	MAX ROPE / COND.Ø	CAPSTANS Ø
50 kN	5 km/h	16 mm / 42 mm	2 x 1500 mm

CONFIGURATION

- Steel capstans lined with multi-grooved nylon sectors
- **Built-in electronic instrument DEG 4.0 - 7" large graphic colour display and a USB port**
-  **Omac Link System (opt.107 and opt.107.1 excluded)**
- **Maintenance-free load cell reading system**
- **Electronic instrument by-pass**
- **Self-recovery device for sagging operations**
- **Metallic soundproof cover with doors**
- **Radio control**
- **Automatic clamp for 1 rope/conductor**
- Pull-force setting to maintain the pre-set force even at speed "0"
- Device to control low-force tensions (2-25 kN), fit for OPGW
- Freewheeling disconnection (neutral) of capstans
- Safety negative hydraulic brake
- Back fix conductor-driver with nylon rollers
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site
- Hydraulic front plough and back stabilisers
- Anchoring and lifting points
- Oil cooling system
- One auxiliary hydraulic circuit for additional equipment (1 reel-winder or reel-stand)
- Grounding connection point

FEATURES

Capstans	2 x Ø 1500 mm
Capstan grooves	6
Max conductor diameter	42 mm
Max rope diameter	16 mm
Dimensions LxWxH	3,95x2,00x2,20 m
Weight	3600 kg

PERFORMANCES

Max pull / tension	50 kN
Speed at max pull	2,3 km/h
Max speed	5 km/h
Pull at max speed	22 kN

ENGINE

Feeding	diesel
Power	75 hp / 55 kW*
Cooling	water
Electric system	12 V

* According to the EC directive 97/68/CE with subsequent amendments and additions

OPTIONAL DEVICES

008	Damped axle, air braking system, drawbar and lights	107.1	GPS geolocation
012	Hydraulic circuit to feed a press for high pressure joints (max. 700 bar)	028.7	Device to start the diesel engine at low temperatures (up to -30°C).
006.4	Chassis arrangement for towing on the road (homologation excluded)	069.5	Printer with accessories.
107	Remote monitoring and diagnostics	119	Capstans with steel grooves chemically treated.
014	Reel-winder arm fit for a 1400-mm-dia.reel	175.1	Kit for 2 conductors up to Ø max 31 mm