

# PT100.2

## HYDRAULIC PULLER - TENSIONER



Hydraulic machine designed to operate both as a tensioner and as puller, fit to string one or two ropes or conductors. 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.

<b>MAX PULL-TENSION</b>	<b>MAX SPEED</b>	<b>MAX ROPE / COND.Ø</b>	<b>CAPSTANS Ø</b>
<b>100 kN</b>	<b>5 km/h</b>	<b>21 mm / 2 x 42 mm</b>	<b>2 x 1500 mm</b>

### 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 2 ropes/conductors**
- Pull-force setting to maintain the pre-set force even at speed "0"
- Device to control low-force tensions (4-30 kN), fit for OPGW
- Safety negative hydraulic brake
- Back fix conductor-driver with nylon rollers for 2 conductors
- 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
- Two auxiliary hydraulic circuits for additional equipment (1 or 2 reel-winders or reel-stands)
- Grounding connection point

### FEATURES

Capstans	2 x Ø 1500 mm
Capstan grooves	10
Max conductor diameter	2 x 42 mm
Max rope diameter	21 mm
Dimensions LxWxH	4,00x2,25x2,30 m
Weight	5000 kg

### PERFORMANCES

Max pull / tension	100 kN
Speed at max pull	2,4 km/h
Max speed	5 km/h
Pull at max speed	46 kN

### ENGINE

Feeding	diesel
Power	150 hp / 110 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
006.4	Chassis arrangement for towing on the road (homologation excluded)	028.7	Device to start the diesel engine at low temperatures (up to -30°C).
012	Hydraulic circuit to feed a press for high pressure joints (max. 700 bar)	069.5	Printer with accessories.
014	Reel-winder arm fit for a 1600-mm-dia.reel	119	Capstans with steel grooves chemically treated.
107	Remote monitoring and diagnostics	174.2	Synchronising device for the connection of 2 machines, complete with remote control by cable (20 m).
		175.1	Kit for 3 conductors up to Ø max 34 mm