

PT140.4


HYDRAULIC PULLER -TENSIONER



Hydraulic machine designed to operate both as a tensioner and as puller, fit to string 1, 2, 3 or 4 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.

MAX PULL-TENSION	MAX SPEED	MAX ROPE / COND.Ø	CAPSTANS Ø
140 kN	4,5 km/h	25 mm / 4 x 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 4 ropes/conductors**
- Pull-force setting to maintain the pre-set force even at speed "0"
- Safety negative hydraulic brake
- Back fix conductor-driver with nylon rollers for 4 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
- Four auxiliary hydraulic circuits for additional equipment (4 reel-winders or reel-stands)
- Grounding connection point

FEATURES

Capstans	2 x Ø 1500 mm
Capstan grooves	16
Max conductor diameter	4 x 42 mm
Max rope diameter	25 mm
Dimensions LxWxH	4,50x2,30x2,80 m
Weight	8500 kg

PERFORMANCES

Max pull / tension	140 kN
Speed at max pull	4,5 km/h
Max speed	4 km/h
Pull at max speed	55 kN

ENGINE

Feeding	diesel
Power	175 hp / 130 kW*
Cooling	water
Electric plant	24 V

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

OPTIONAL DEVICES

005.1	Chassis with 2 damped axles (tandem), air braking system and lights	107.1	GPS geolocation
008	Damped axle, air braking system, drawbar and lights	069.5	Printer with accessories
006.4	Chassis arrangement for towing on the road (homologation excluded)	119	Capstans with steel grooves chemically treated
014	Reel-winder arm fit for a 1600-mm-dia. reel (1 or 2)	174.2	Synchronising device for the connection of 2 machines, complete with remote control by cable (20 m)
028.7	Device to start the diesel engine at low temperatures (up to -30°C)	020.3	Set of nylon sectors with grooves fit for 6 conductors Ømax 31,5 mm (instead of standard set), and 2 additional hydraulic circuits to control 2 extra reel-stands (total 6).
107	Remote monitoring and diagnostics		