PT100.22 MAX PULL-TENSION 100 KN (2 X 50 KN)

Two hydraulic circuits puller-tensioner designed to operate both as a tensioner and as a puller, fit to string one or two ropes or conductors.

MAX PULL-TENSION
100 kN

MAX SPEED
5 km/h

MAX CONDUCTOR
2 x 42 mm

BULL-WHEELS
4 x Ø 1500 mm

FEATURES

BULL-WHEELS	4 x Ø 1500 mm
NUMBER OF GROOVES	10
MAX CONDUCTOR DIAMETER	2 x 42 mm
MAX ROPE DIAMETER	21 mm
DIMENSIONS LxWxH	4,50x2,25x2,80 m
WEIGHT (without rope)	6200 kg

ENGINE

FEEDING	diesel
POWER	135 hp / 100 kW 135 hp / 100 kW *
COOLING	water
ELECTRIC PLANT	12 V

PULL PERFORMANCES

MAX PULL	1 x 100 kN or 2 x 50 kN
SPEED AT MAX PULL	2,4 km/h 2,4 km/h *
MAX SPEED	5 km/h*
PULL AT MAX SPEED	50 kN / 50 kN *

TENSION PERFORMANCES

MAX TENSION	1 x 100 kN or 2 x 50 kN
MAX SPEED	5 km/h

ALSO AVAILABLE VERSION WITH Ø1800 mm BULL-WHEELS

CONFIGURATION

- Two pairs of steel bull-wheels lined with multi-grooved nylon sectors
- Machine control panel equipped with built-in electronic instrument DEG 10 featuring a 10'' large graphic colour display and a USB port
- **Maintenance-free load cell reading system**
- **Electronic instrument by-pass**
- **Self-recovery device for sagging operations**
- In puller mode, device for pull-force setting, which allows to maintain the pre-set force even at speed "0"
- Manual clamp for 2 ropes/conductors
- Two safety negative hydraulic brakes
- Back fix conductor-driver with nylon rollers for 2 cond
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site
- Hydraulic front plough and back stabilisers
- Attachments for anchoring and for lifting
- Oil cooling system
- Devices for coupling the two pairs of bull-wheels
- Two auxiliary hydraulic circuits for additional equipment (1 or 2 reel-winders or reel-stands)
- Grounding connection point
- Hydraulic device (n.1, on 1 circuit) to control low tension values (2-15 kN), fit to string fiber optics

OPTIONAL DEVICES

005.1 Chassis with 2 damped axles (tandem), air braking system and lights
008 Damped axle, air braking system, drawbar and lights
006.4 Arrangement of the chassis for circulation on road (homologation excluded)
012 Hydraulic circuit to feed a press for high pressure joints (max. 700 bar)
014 Reel-winder arm fit for a 1600-mm-dia. reel (1 or 2)
028.7 Device to start the diesel engine and the hydraulic circuit at low temperatures (up to -30°C)
037 Remote control by cable, with 10 m of cable
038 Radio-control (max distance 100 m)
045.2 Automatic clamp for 2 ropes/conductors
069.5 Printer for the electronic recorder, with accessories
119 Bull-wheels with steel grooves chemically treated
174.2 Synchronising device for the connection of 2 machines, complete with remote control by cable (20 m)
072.2 Automatic lubricating system

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

Performances of the machine without optional devices, at sea level and temperature 20°C.
Dimensions and weights are without optional devices. All data may change without notice. Images and drawings are indicative only.