

# F120.30

max tension 30 kN



Hydraulic tensioner fit to string one conductor or fiber optic cable. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

FEATURES		ENGINE		TENSION PERFORMANCES	
Capstans	2 x Ø 1500 mm	Feeding	diesel	Max tension force	30 kN
Capstan grooves	5	Power	35 hp / 26 kW 25,5 hp / 18,8 kW *	Min tension force	1,5 kN
Max conductor diameter	1 x 36 mm	Cooling	water	Max speed	5 km/h
Dimensions LxWxH	3,85x1,85x2,20 m	Electric plant	12 V		
Weight	2500 kg				

  

PULL-BACK PERFORMANCES	
Max pull	30 kN
Max speed	1,5 km/h 1,1 km/h *

## CONFIGURATION

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with built-in electronic instrument DEG 4.0 featuring a 7" large graphic colour display and a USB port.
- Device to control low-force tensions (1,5-15 kN), specially fit for optical fibers.
- **Maintenance-free load cell reading system.**
- **Electronic instrument by-pass.**
- Freewheeling disconnection (neutral) of capstans.
- **Self-recovery device for sagging operations.**
- 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.
- Mechanical front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- One auxiliary hydraulic circuit for controlling 1 reel-stand.
- Grounding connection point.

\* 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.

## OPTIONAL DEVICES

- 008 Damped axle, air brake, drawbar and lights.
- 006.2 Pneumatic braking system.
- 024.1 Aluminium sectors with grooves, fit for tripolar cable ELICORD 80-mm dia.
- 037 Remote control by cable, with 10 m of cable.
- 038 Radio-control (max distance 100 m).
- 045.2 Automatic clamp for conductor.
- 045.3 Manual clamp for conductor.
- 069.5 Printer for the electronic recorder, with accessories.
- 047.2 Hydraulic front plough.
- 048 Hydraulic back stabilisers.