

F120.150.4

max tension 150 kN



Hydraulic tensioner fit to string 1, 2, 3 or 4 (up to 6 on demand) conductors. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

HYDRAULIC TENSIONERS

FEATURES		ENGINE		TENSION PERFORMANCES	
Capstans	2 x Ø 1500 mm	Feeding	diesel	Max tension force	150 kN
Capstan grooves	16	Power	75 hp / 55 kW 75 hp / 55 kW *	Max speed	5 km/h
Max conductor diameter	4 x 42 mm	Cooling	water		
Dimensions LxWxH	4,50x2,30x2,80 m	Electric plant	24 V		
Weight	7800 kg				

PULL-BACK PERFORMANCES	
Max pull	150 kN
Max speed	1 km/h 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.
- **Maintenance-free load cell reading system.**
- **Electronic instrument by-pass.**
- **Self-recovery device for sagging operations.**
- Safety negative hydraulic brakes.
- Back fix conductor-driven 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.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Two auxiliary hydraulic circuits for controlling up to 4 reel-stands (not independent).
- Grounding connection point.

OPTIONAL DEVICES

- 005.1 Chassis with 2 damped axles (tandem), air braking system and lights.
- 008 Damped axle, air brake, drawbar and lights.
- 006.4 Arrangement of the chassis for circulation on road (homologation excluded).
- 012 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).
- 017 Device to control low-force tension values, specially fit for fibre-optic cables.
- 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).
- 028.7 Device to start the diesel engine 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 conductors.
- 045.3 Manual clamp for conductors.
- 069.5 Printer for the electronic recorder, with accessories.
- 174.2 Synchronising device for the connection of 2 machines complete with remote control by cable (20 m).

* 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.