

F120.AF.75.2

max pull-tension 75 kN



Hydraulic machine designed to operate both as a tensioner and as a puller, fit to string one or two ropes or conductors. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. In puller mode, one hydraulic circuit allows to continuously vary the speed in both directions.

FEATURES		ENGINE		PULL PERFORMANCES	
Capstans	2 x Ø 1500 mm	Feeding	diesel	Max pull	75 kN
Capstan grooves	10	Power	100 hp / 75 kW	Speed at max pull	2 km/h
Max conductor diameter	2 x 42 mm		100 hp / 75 kW *		2 km/h *
Max rope diameter	18 mm	Cooling	water	Max speed	5 km/h
Dimensions LxWxH	3,95x2,10x2,20 m	Electric plant	12 V	Pull at max speed	35 kN
Weight	4800 kg				35 kN *

TENSION PERFORMANCES	
Max tension force	75 kN
Max speed	5 km/h

ALSO AVAILABLE VERSION WITH Ø1200 Ø1800 mm CAPSTANS

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.**
- Device to control low-force tensions (2-25 kN), fit for OPGW.
- In puller mode, device for pull-force setting, which allows to maintain the pre-set force even at speed "0".
- Freewheeling disconnection (neutral) of capstans.
- Safety negative hydraulic brake.
- 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.
- Two auxiliary hydraulic circuits for additional equipment (1 or 2 reel-winders or reel-stands).
- Grounding connection point.

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

OPTIONAL DEVICES

- 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.
- 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.
- 045.3 Manual clamp for 2 ropes/conductors.
- 069.5 Printer for the electronic recorder, with accessories.
- 119 Capstans with steel grooves chemically treated.
- 174.2 Synchronising device for the connection of 2 machines, complete with remote control by cable (20 m).

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.