

# F120.AF.45.2

max pull-tension 45 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	45 kN
Capstan grooves	8	Power	86 hp / 63 kW 75 hp / 55,4 kW *	Speed at max pull	2,7 km/h 2,3 km/h *
Max conductor diameter	2 x 36 mm	Cooling	water	Max speed	5 km/h
Max rope diameter	16 mm	Electric plant	12 V	Pull at max speed	26 kN 22 kN *
Dimensions LxWxH	3,95x2,00x2,20 m				
Weight	3600 kg				

TENSION PERFORMANCES	
Max tension force	45 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.**
- In puller mode, device for pull-force setting, which allows to maintain the pre-set force even at speed "0".
- Device to control low-force tensions (2-15 kN), fit for OPGW.
- 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.

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 braking system, drawbar and lights.
- 012 Hydraulic circuit to feed a press for high pressure joints (max. 700 bar).
- 006.4 Arrangement of the chassis for circulation on road (homologation excluded).
- 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.