

F120.AF.30

max pull-tension 30 kN



Hydraulic machine designed to operate both as a tensioner and as a puller, fit to string one rope or conductor. 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	30 kN
Capstan grooves	5	Power	49 hp / 36 kW 57 hp / 42 kW *	Speed at max pull	2,5 km/h 2,8 km/h *
Max conductor diameter	36 mm	Cooling	water	Max speed	4,5 km/h
Max rope diameter	16 mm	Electric plant	12 V	Pull at max speed	15 kN 16 kN *
Dimensions LxWxH	3,85x1,85x2,20 m				
Weight	2700 kg				

TENSION PERFORMANCES	
Max tension force	30 kN
Max speed	5 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.**
- Freewheeling disconnection (neutral) of capstans.
- 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.
- Oil cooling system.
- Auxiliary hydraulic circuit for additional equipment (one reel-stand or reel-winder).
- Grounding connection point

OPTIONAL DEVICES

- 008 Damped axle, air braking system, drawbar and lights.
- 006.4 Arrangement of the chassis for circulation on road (homologation excluded).
- 014 Reel-winder arm fit for a 1400-mm-dia. reel.
- 037 Remote control by cable, with 10 m of cable.
- 038 Radio-control (max distance 100 m).
- 045.2 Automatic clamp for rope/conductor.
- 045.3 Manual clamp for rope/conductor.
- 069.5 Printer for the electronic recorder, with accessories.
- 047.2 Hydraulic front plough.
- 048 Hydraulic back stabilisers.

* 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.