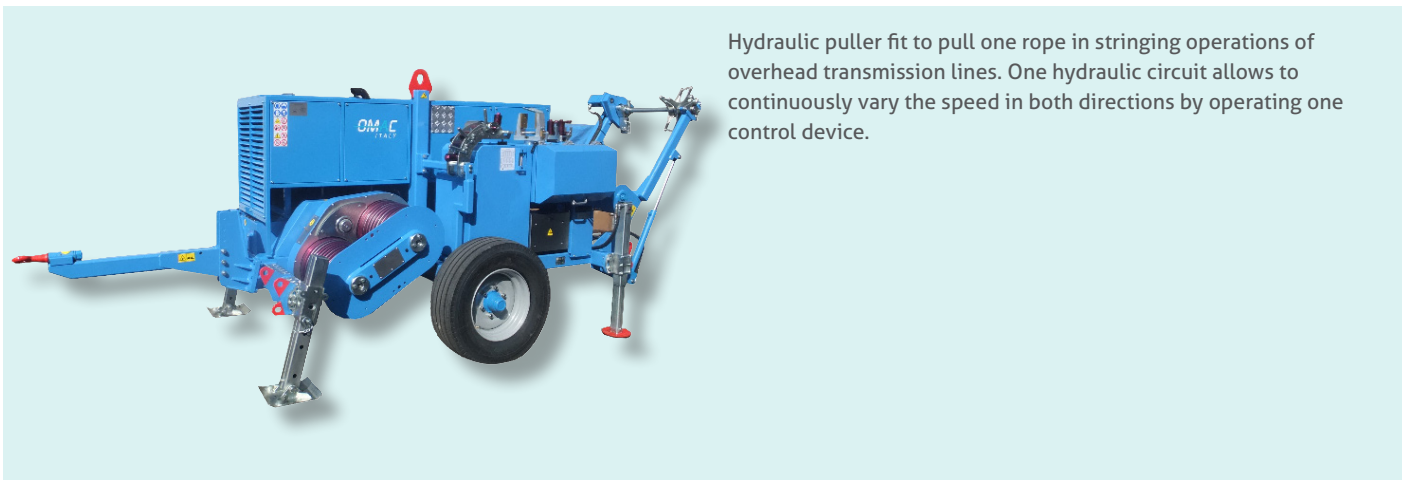


# F245.90

max pull 90 kN



Hydraulic puller fit to pull one rope in stringing operations of overhead transmission lines. One hydraulic circuit allows to continuously vary the speed in both directions by operating one control device.

FEATURES		ENGINE		PULL PERFORMANCES	
Capstans	2 x Ø 525 mm	Feeding	diesel	Max pull	90 kN
Capstan grooves	9	Power	130 hp / 97 kW 147 hp / 110 kW *	Speed at max pull	2,5 km/h 2,5 km/h *
Max rope diameter	20 mm	Cooling	water	Max speed	5 km/h
Max joint diameter	60 mm	Electric plant	12 V	Pull at max speed	42 kN 42 kN *
Dimensions LxWxH	3,70x2,15x2,10 m				
Weight (without rope)	3900 kg				

## CONFIGURATION

- One pair of multi-grooved steel capstans fit for stringing one steel rope.
- 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.**
- Device for pull force setting which allows to maintain the pre-set force even at speed "0".
- Safety negative hydraulic brake.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Hydraulic back stabilisers and manual front stabilisers.
- Attachments for anchorage and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Reelwinder fit for a 1600-mm-dia reel, with automatic ropewinder.

## OPTIONAL DEVICES

- 008 Axle with leaf spring suspensions, drawbar, pneumatic braking system, tires and lights for towing on the road (without homologation).
- 006.1 Lights for towing on the road.
- 006.2 Pneumatic braking system.
- 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 rope.
- 045.3 Manual clamp for rope.
- 047 Hydraulic front stabilisers.
- 069.5 Printer with accessories, complete with case.
- 084 Bigger reelwinder fit for a 1900-mm-dia reel.
- 115 Setting-up for pulling 2 ropes simultaneously.
- 014 Second reel-winder, ideal to complete the opt. 115.

\* 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.