



# P220.U

 MAX PULL 220 KN

Hydraulic puller 220 kN. Fit to pull one rope in laying underground transmission cables and pipes refurbishing with high load reel-winder arm for high capacity of rope.



-  **MAX PULL**  
220 kN
-  **MAX SPEED**  
40 m/min
-  **MAX ROPE**  
24 mm
-  **CAPSTANS**  
2 x Ø 600 mm

## FEATURES

CAPSTANS	2 x Ø 600 mm
CAPSTANS GROOVES	10
MAX ROPE DIAMETER	24 mm
MAX JOINT DIAMETER	70 mm
DIMENSIONS L x W x H	5700 x 2240 x 2600 mm
WEIGHT (WITHOUT ROPE)	8500 kg

## PULL PERFORMANCES

MAX PULL	220 kN
SPEED AT MAX PULL	12 m/min / 14 m/min *
MAX SPEED	40 m/min
PULL AT MAX SPEED	69 kN / 75 kN *

## ENGINE

FEEDING	diesel
POWER	97 kW / 105 kW *
COOLING	water
STARTING	12 V

## CONFIGURATION

- Multi-grooved steel capstans
- Control panel equipped with built-in electronic instrument DEG 4.0 - 7" large graphic colour display and a USB port
- Metallic protection cover on the engine and hydraulic parts
- Electronic instrument by-pass
- Device for pipe refurbishing. Fit for setting the max. pull force which allows to maintain the force set even at speed 0 m/min
- Maintenance-free load cell reading system
- Safety negative hydraulic brake
- Oil cooling system
- Front guide rope pulley fit for pulling underground cables
- **Reel-winder arms with automatic rope-winder and hydraulic lifting system fit for reel up to max. Ø 2200 mm (load capacity 5000 kg)**
- Single rigid axle, adjustable towing bar and manual parking brake fit for towing at low speed on the job-site
- N° 4 hydraulic stabilisers
- Anchoring and lifting points

## OPTIONAL DEVICES

- 037** Remote control by cable. Complete with electric joystick to control the pulling direction and potentiometer for speed adjustment. Cable length = 10 m
- 038.1** Radio remote control. Complete with display and 5 m long back-up cable
- 038** Radio-control (max distance 100 m)
- 069.5** Printer with accessories
- 051.3** Motorised rubber crawler system, complete with front hydraulic plough and radio-remote control for the crawler system and the machine pulling operations
- 107** OLS - OMAC Link System. GPS geolocation + remote monitoring and diagnostics
- 008** Damped axle complete with air braking system, drawbar and lights
- 006.2** Pneumatic brake system for towing the machine on the road

\* 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.