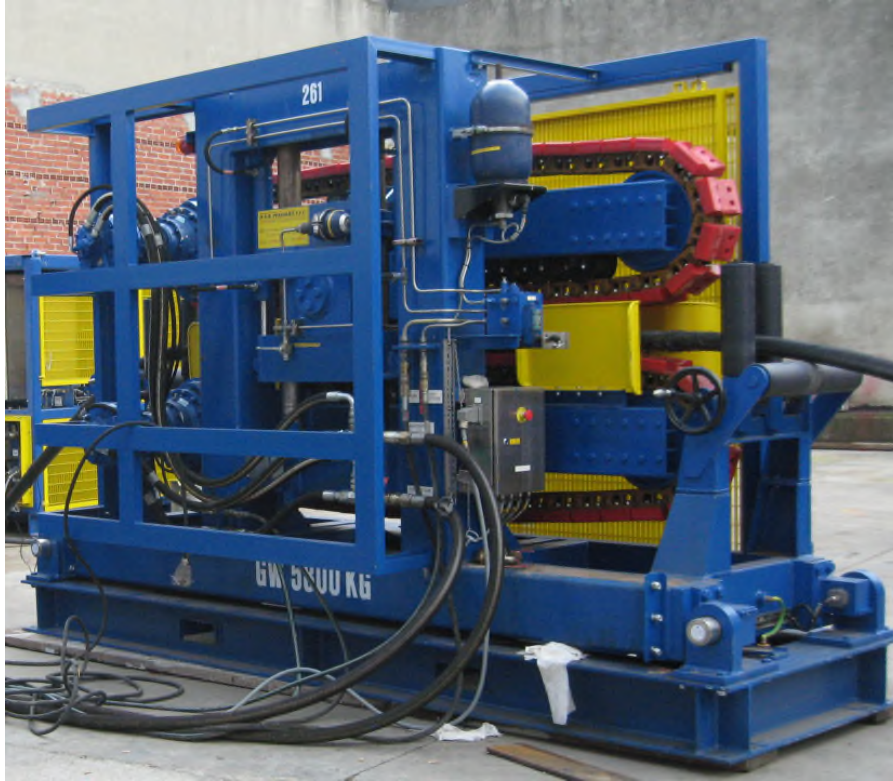


LINEAR MACHINE - LM-10 - TENSIONER

Basic Equipment Datasheet



DESCRIPTION:

The LM has the essential purpose to maintain the correct residual tension on the cable, working as brake during cable laying or as pulling winch while loading the cable on board. The 2 vertically opposed crawlers allow cable pass through maintaining the required amount of grip pressure.

The LM 10 hosts comprises 2 opposed crawlers with polyurethane moulded pads, driven by a 75kW Electro- Hydraulic Power Unit connected to the 200kW power generator Perin GEPD250 Super Silent.

The equipment includes a Remote Control Unit (RCU) to select direction and control tracks speed, equipped with readout meters, grip & compression values, speed and tension.

TECHNICAL DATA

Dimension:

- **Length:** 3.85 m
- **Width:** 1.60 m
- **Height (from the deck):** 2.54 m

- **Weight:** 5,5 tons

Additional Data:

- **Pad Opening:** 400 mm (max).
- **Grip Length:** 1.8 m
- **Max Lock Pressure:** 11 tons/m
- **Max Pulling Force:** 10 tons
- **Max Speed @ 60Hz:** 1.5 km/h
- **Coefficient of Friction (assumed)** 0.5
- **Maximum cable diameter:** 200 mm
- **Minimum cable diameter** 40 mm
- **Cable entrance height:** 1300 mm