LP1

The LP1 is a pneumatic driven high pressure pump unit, option from 150 up to 4700 Bar. A stainless steel frame protects the pump unit. It is designed for mobile duty for bolt tensioning equipment in offshore applications, petrochemical industri, nuclear plant etc.

The LP1 unit is delivered ready to go with quick connections to pneumatic air and hydraulic. The pressurised tank is normally filled with a water glycol mixture, option hydraulic oil, water or any other fluid media.

The LP1 unit contains a pressure regulator to adjust the maximum permitted output pressure, filter for air and hydraulic fluid, pressurised tank, a \( \phi 160 \) mm manometer for hydraulic pressure and a relief valve for hydraulic fluid.

The LP1 unit is CE marked

The LP1 is very easy to operate; one lever for pressure and a cock wrench for relief.

Schedule:

1. Air inlet
2. Pressure regulator
3. Air filter
4. Operating valve
5. Pump unit
6. Manometer
7. Relief valve
8. High pressure connection
9. Reduce / check valve
10. Oil tank
11. Oil level
12. Oil filter
13. Air silencer

Technical data:
- Standard pressure: 1000 Bar at 5,5 Bar
- Discharge at 850 Bar: 0,6 l/min
- Air consumption: 2 m\(^3\)/min
- Tank volume: 3 l

Dimensions:
- Length*width*height: 370*550*650 mm
- Weight: 40 kg

Options:
- Custom design.
- Pressure: from 150 up to 4700 Bar.
- Fluid: oil, water or custom request.
- Electronic pressure regulator.

Subject to alteration without previous notice.