

MANUAL HYDRAULIC PUMP KITS

An ultralight high pressure 2-stage hand pump 700 bar (70 MPa) and 1500 bar (150 MPa).



TOOL PUMP SET 700B

APPLICATIONS

These high-pressure pumps are designed for use with automatic return hydraulic nuts or for the mounting and dismounting of bearings coated with an oil film.

Pumps are supplied as standard with the following accessories designed for use at 700 bar and 1500 bar:

- 1 pressure gauge, minimising the risk of overloading,
- 1 high-quality hose (1.5 m for the 700 bar pump with a 0.3 litre reservoir, 3m for the 700 and 1500 bar pumps with a 0.9 litre reservoir),
- 1 quick coupling connection (female) suitable for NTN-SNR hydraulic nuts,
- They are supplied filled with hydraulic oil.

ADVANTAGES

- Ultra-light, compact design.
- Robust reservoir in composite materials.
- Ergonomic: locking of the lever to facilitate transport
- Robust: pump guaranteed for life under normal conditions of use.
- Efficient: savings in time and effort due to the two stages which allow a reduction of 80% in the number of pump strokes required in comparison with single-stage pumps.
- User safety: electrically isolated lever and safety relief valve.
- Multiple uses: 3 available reservoir sizes:
 - 0.3 litre for nuts \leq HMV 54 EBF,
 - 0.9 litre for nuts \leq HMV 92 EBF,
 - 2.5 litres for nuts \leq HMV 200 EBF (for 1500 bar pump).

Accessories included for 700 and 1500 bar pumps

- Pressure gauge adaptor for pumps 750b 0.3L and 0.9L.
- Pressure gauge (0-700 bar) or (0-1500 bar)
 - Liquid filled to protect against any sudden loss of pressure,
 - Dual markings in bars / PSI,
 - Fitted with a device protecting against bursting.
- Hose 700 and 1500 bar
 - Very strong thermoplastic, reinforced with layers of woven steel wire,
 - Polyurethane envelope for extreme abrasion resistance,
 - With a rubber protective "handle".
- Quick coupling protection (female) 1500 bars, which provides maximum safety with end stop locking and optimum sealing with a flat face valve.

Technical characteristics of the hydraulic oil

Contains corrosion inhibitors which do not attack sealing materials such as nitrile.

Relative density at 15°C: 0.870 kg/dm³

Viscosity at 40°C: 31 cSt

Viscosity index: 102

Flash point: 230°C

Freezing point: -36°C

COMMERCIAL REFERENCE

TOOL PUMP SET 700B - (reservoir capacity) I / Pump with accessories

TOOL PUMP SET 1500B - 2.5 L / Pump with accessories

TOOL HYDRAULIC OIL 1 L



TOOL HYDRAULIC OIL 1L