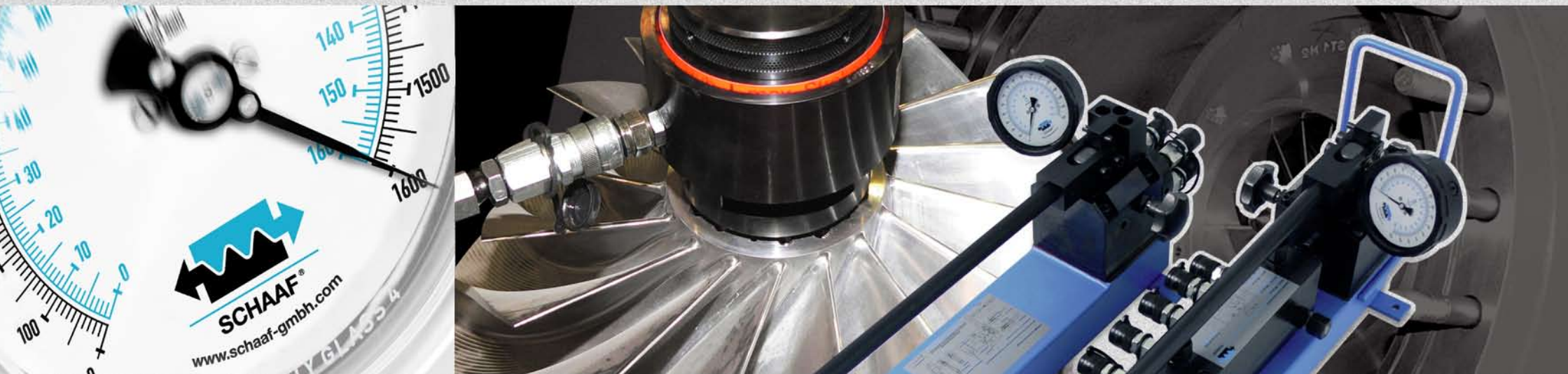


HP 1600-Series

The Hand Lever Pumps
Rugged - Efficient - Safe

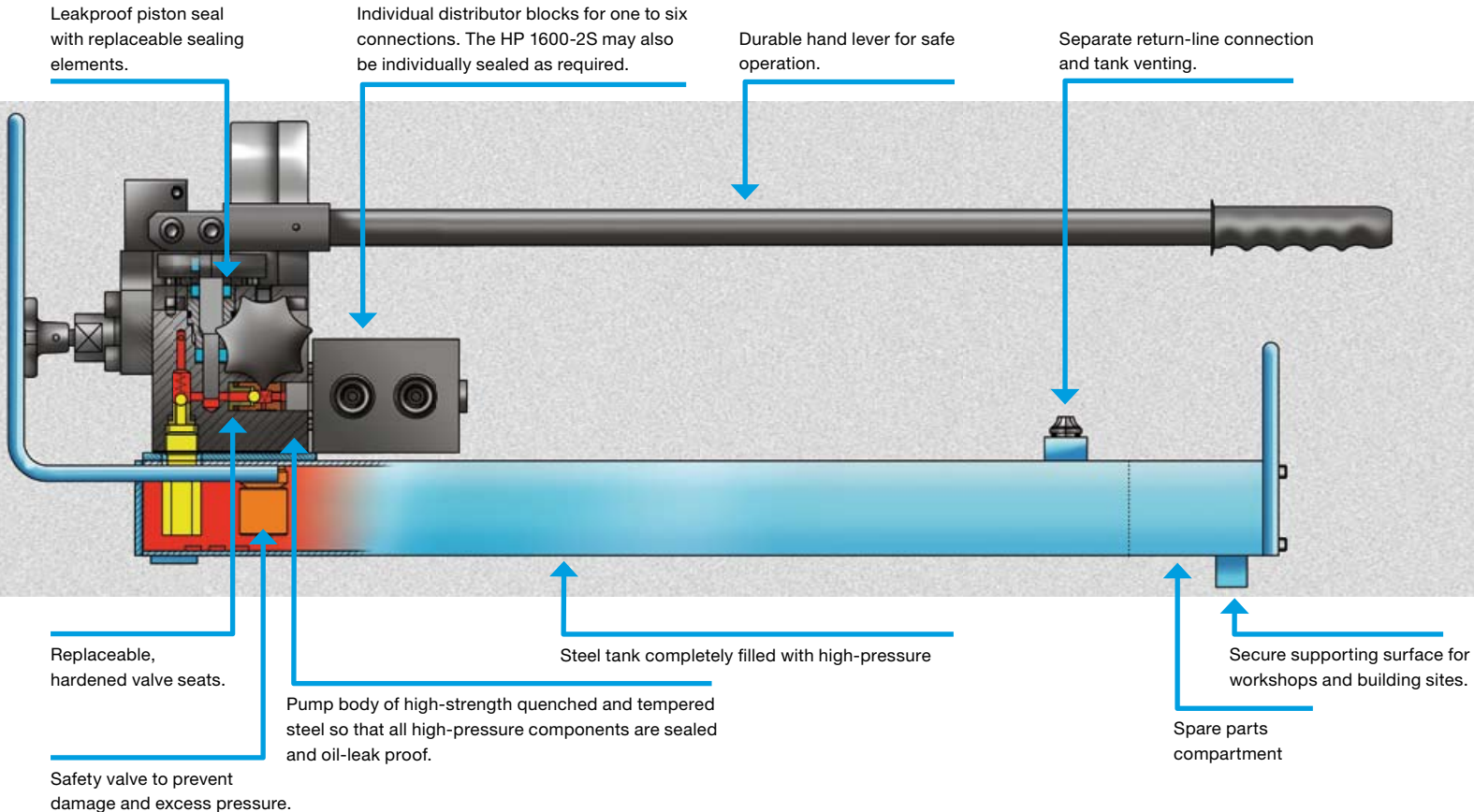


HP 1600-Series -
always ready for
immediate use.



HP 1600-1S / -2S

One or two-stage hand lever pump for hydraulic pressures up to 1600 bar, completely assembled and ready for immediate use



➔ Type code and additional information under www.schaaf-gmbh.com

Areas of Application

SCHAAF HP 1600 are ideally suited for:

- The use of bolt tensioners, hydraulic nuts, ExpäTen Bolts and EcoRolls
- Tightening and loosening of oil press fits (e.g., gearwheels, flywheels, coupling hubs, roller bearings, hydraulic couplings and overload protection devices)

Advantages

SCHAAF **HP 1600** are hand lever pumps specially designed for industrial use.

- Rugged, durable design
- Immediately ready for use, fully assembled and oil filled
- All components sealed leakproof
- No pressure loss even at 1600 bar
- Pump body of high-strength quenched and tempered steel, all steel components burnished
- Hardened, replaceable valve seats
- Pressure relief valve with internal tank return line
- Venting and return-line connection
- Perm. installed hand lever (Low leverage)
- Low-maintenance operation
- Integrated swarf separator and intake strainer for clean oil
- Integrated, adjustable pressure limitation valve
- Integrated spare parts compartment with HP 1600-2S.

HP 1600-1S /HP 1600-2S

SCHAAF **HP 1600-2S** are especially suited for:

- with simultaneous pressurisation while using multiple bolt tensioners
- with numerous bolt tensioning passes for large dimension bolts (> M56)

Thanks to its two-stage pressurisation, hand lever action is reduced because at up to 600 bar 2.2 times the amount of oil is pumped.

■ Any special version possible

Complete solution from SCHAAF

The accessories for the **HP 1600**, such as hydraulic hoses, connection couplings, as well as the hydraulic high-pressure tools such as bolt tensioners and hydraulic nuts are aligned to the functions = 100 % system solution.

Quality Assurance

All **HP 1600** are checked for material quality, dimensional accuracy, correct functioning and load-resistance. During order execution, they are subject to continuous quality assurance measures and are supplied together with detailed technical documentation.

Services

HP 1600 are, of course, oil filled and ready for immediate use.

SCHAAF **HP 1600** are user-friendly, extremely rugged, reliable and manufactured in accordance with the highest level of technical know-how.

Our highly-motivated staff would be pleased to train your personnel, in situ or at our works, in the general handling and operation of high-pressure equipment.



Example (top): **HP 1600-2S with 4 outlets**

Example (bottom): **HP 1600-2S with 5 outlets, 3 of these individually sealable**

Certificates

- Material test reports
- Specific test reports
- Certificates in accordance with special customer requirements

Accessories manufactured by SCHAAF

- High-pressure hydraulic hoses
- Couplings, nipples, adapters, distributor blocks for pressures up to 4000 bar
- Bolt tensioners,
- Hydraulic nuts
- ExpaTen Bolts
- EcoRolls



Example (top): **HP 1600-1S with distributor disk and two outlets**

Example (bottom): **HP 1600-1S with one outlet**

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