

Product News

pneumatic Hydraulic Pump LHP2

Applications

- The **alkitronic® LHP2** is a robust, powerful, pneumatic driven hydraulic pump.
- **Perfectly for use in explosion risk areas.** Optional with ATEX-Certification: II2 GDcT4 version.
- **Simple operation** and infinitely adjustable pressure setting up to 700 bar.
- **Ideal working conditions** with an air pressure of 7 bar and a flow rate of 2,100 l/min or 3,800 l/min (LHP2 quattro).

Advantages

- High working speed and short set-up times. **Connection of up to four hydraulic torque tools** is possible. This increases productivity and saves time and money.
- Flexible bolting applications. **Compatible with nearly all hydraulic torque wrenches**, independent of cylinder size and torque range.
- **High precision** ($\pm 3\%$) through all pressure ranges by precisely adapted oil flow rates.
- **Safe and simple remote control** of the forward and return stroke.

alkitronic® specials

- Modular, clear assembly structure for a **cost-saving parts exchange**.
- **Low operating costs** thanks to maintenance-free and low-wear operation.
- Sturdy profile frame with tool box for **stability and transport security**.
- **Integrated silencer** minimize health hazards at work.



Technical Data

alkitronic® LHP2 infinitely adjustable pressure setting up to 700 bar (maximum operating pressure: 700 bar).

Description	alkitronic® LHP2	LHP2 quattro
Driving power, pneumatic motor	1.9 kW	3.0 kW
Output low pressure area	8.5 l/min at 80 bar	10.5 l/min at 70 bar
Output high pressure area	0.77 l/min at 700 bar	1.0 l/min at 700 bar
Tank capacity	approx. 10 l	
Surrounding temperature (use and storage)	-20° C up to +50° C	
Noise emission	76 dB(A)	
Weight exclusive oil with transport frame	approx. 25 kg	
Air consumption	2,100 l/min at 7 bar (74 ft ³ /min)	3,800 l/min at 7 bar (134 ft ³ /min)
Dimensions with transport frame (L x W x H)	530 x 310 x 566 mm	

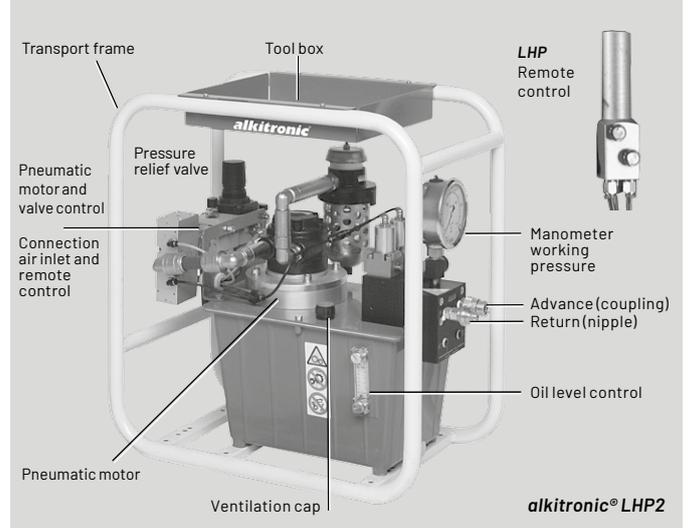
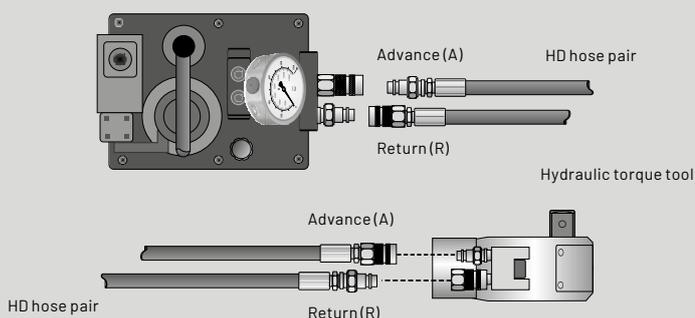


Diagram of hydraulic hose connection (one wrench example)

alkitronic® LHP2



Included in the delivery:
Remote control, transport and security frame, hydraulic oil, instruction manual.

alkitronic® AT Hydraulic Torque Wrench



We recommend our hydraulic torque wrenches for secure and reliable tightening or loosening of heavy bolt connections.

alkitronic®
HOME OF TORQUE POWER

alkitronic® products
Made in Germany by

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Distribution of Bolting Systems

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