



**LHP**

Pneumatic  
Hydraulic Pump

**alkitronic<sup>®</sup>**

## Applications

- The hydraulic pump is robust and powered with a **unique worldwide proven pneumatic drive**
- Perfectly for use in **explosion risk areas**. Optional with **ATEX-certification: II 2 GD c IIB T6**.
- Simple operation and **infinitely adjustable pressure setting** up to 700 bar
- Ideal working conditions with an air pressure of 2-7 bar and a flow rate of approx. 10-15 l/sec

## Advantages

- **High working speed and short set-up times**. Connection of up to two 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 (± 3%)** through all pressure ranges by precisely adapted oil flow rates
- Safe and simple **remote control** of the forward and return stroke

## alkitronic® specials

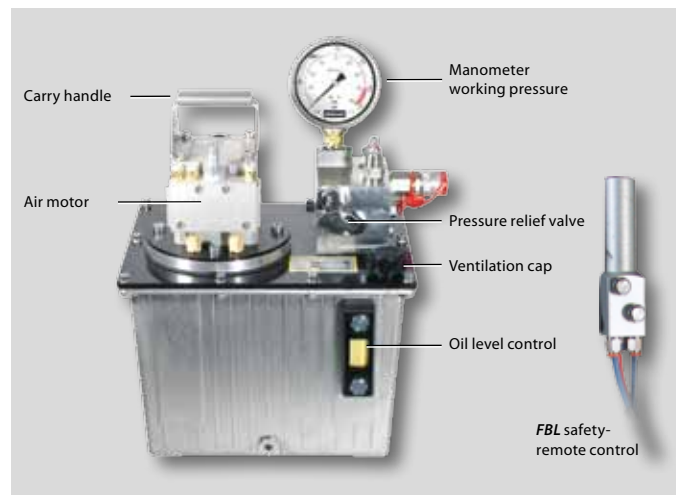
- **Low sound emission levels**: Integrated silencers minimize health hazards at work
- **Low maintenance costs**: Valve-less switching of the oil circuit ensures a maintenance-free and low-wear operation



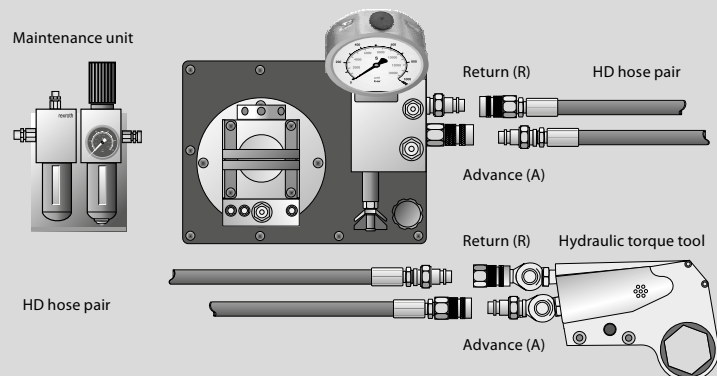
## Technical Data

**alkitronic® LHP** infinitely adjustable pressure setting up to 700 bar (maximum operating pressure 700 bar)

Specification	alkitronic® LHP
Drive	pneumatic
Input air pressure / volume flow	2-7 bar / 10-15 l s <sup>-1</sup>
Output:	
Low pressure area	4.0 l/min up to 40 bar
High pressure area	0.4 l/min up to 700 bar
Tank capacity	7.0 l
Surrounding temperature	-20 °C up to +50 °C
Noise emission	< 78 dB(A)
Weight incl. oil	approx. 24.5 kg
Dimensions L x W x H (mm)	330 x 250 x 420



Compatible: Diagram of hydraulic hose connection



Included in the scope of delivery: hydraulic hoses, 5 m long (DN 6). Accessory: Maintenance unit to increase operational safety and service life of the pneumatic drive. Comes complete with filter, regulator, lubricator and high-pressure hose incl. couplings.

AX / AS Hydraulic Torque Wrenches



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

## alkitronic®

TORQUE POWER WORLDWIDE

alkitronic® products  
Made in Germany by

alki TECHNIK GmbH  
Development, Production and  
Distribution of Bolting Systems

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