

# GEDORE

TOOLS FOR LIFE

## Air-Driven Hydraulic Pump

complete, with hose, coupling,  
adaptor and pressure gauge



## KL-0215-36 M25



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**KL-0215-36 M25**



**KL-0215-36 M25 Air-Driven Hydraulic Pump complete, with hose, coupling, adaptor and pressure gauge**

**Field of Application**

The air-driven hydraulic pump **KL-0215-36 M25** can be used to power a Hydraulic Cylinder.

The hydraulic pump is powered by compressed air. Operation is carried out by a foot pedal with three positions for pump, stop and release.

**Advantage:** Both hands free to work

**Warnings and Notes**



Carefully read and observe all instructions, warnings and precaution notes.



Always wear suitable protective clothing and equipment when operating the hydraulic system.



Only trained personnel strictly observing safety instructions and procedures should operate hydraulic tools.



Performance of pump, of hydraulic cylinder and of equipment have to match.



Each time before use, check the hydraulic fluid level and check the hydraulic system for leaks.



Never detach the hydraulic hose or the pump from an extended hydraulic cylinder.



Disconnect the hydraulic hose only when the drain valve is open.



Before use, make sure that there are no leakage, damage, or missing parts in the hydraulic pump.



Before starting repairs, disconnect the pump from the cylinder.

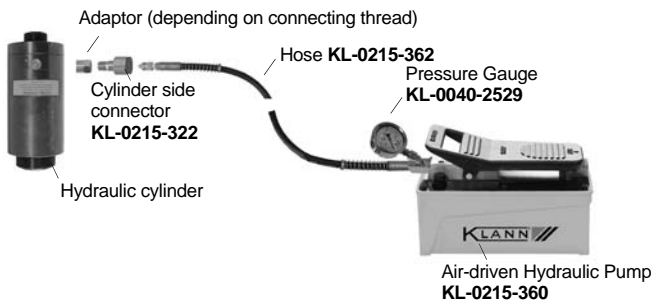


**WARNING: Observe and respect maximum load capacity of the tool!**

**Technical Data:**

Total weight:	8.1 kg
Operating pressure compressed air connection:	8 - 14 bar
Max. Working pressure Hydraulic:	700 bar
Quantity of oil:	1.5 l
Gauge-Ø:	71 mm
Measuring range Gauge:	700 bar

**Connecting the Hydraulic Cylinder.**

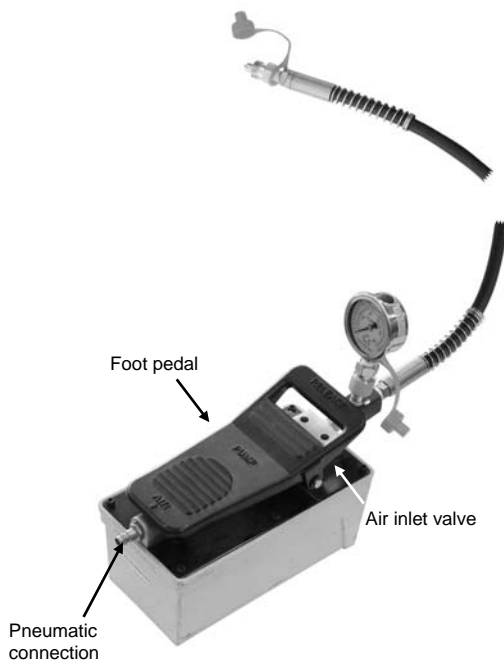


**Installation**

- 1. Connect the hydraulic hose to the hydraulic cylinder.** Fully tighten the couplings by hand. Loose coupling connections will result in the restriction of the oil-flow between pump and cylinder. (The consequence is, e.g., a pressure build-up in the hose only).

**Note:** Never connect the hydraulic hose or the pump to an extended hydraulic cylinder otherwise, during the relief process, the pump may be overfilled with oil.

### Air-Driven Hydraulic Pump complete, with hose and pressure gauge.



### Scope of Delivery: KL-0215-36 M25



2. **Install air inlet valve** Before performing the start up procedure screw out the sealing plug (red) and screw in the air inlet valve (black).

**Note:** When transporting, the air inlet valve (black) has to be replaced with the sealing plug (red).

3. **Exhaust the air from the hydraulic system.**

When connecting the hydraulic components, it is possible that air may accumulate in the system, thus, causing malfunction. Bleed the air from the system while extending and retracting the cylinder without load. Repeat two to three times. In so doing, the pump must be in a higher position than the cylinder. Align the cylinder so that the piston faces downwards and the air contained in the cylinder flows back into the oil tank of the pump.

4. **Check the hydraulic oil level and top up if necessary.**

Remove the air inlet valve (black). The oil level must be about 1 cm beneath the top edge of the valve aperture. If necessary, top up with hydraulic oil HLP 46.

**Note:** Always check the oil level only when the cylinder is in retracted position and the exhaust valve is in open position. Do not overfill the pump. Use the recommended hydraulic oil HLP 46 only.

**Refit the air inlet valve (black).**

### Application

1. **Connect the hydraulic pump to the air system.**

- Connect the hydraulic pump only to dry and lubricated air systems.

2. **Always check the oil level and exhaust the air from the hydraulic system.**

- The oil level must be about 1 cm beneath the top edge of the valve aperture.

3. **Pump:**

- Operate the pedal on the „PUMP“side until the desired hydraulic pressure or the required cylinder stroke length has been attained. **Note:** Pay attention to the max load capacity of each single component, e.g. of the spindle.

4. **Relieving the load:**

- Operate the pedal on the „RELEASE“ side.
- The design of the exhaust valve ensures a controlled pressure reduction.

### Scope of Delivery

Pos.	Part No.	Designation	Qty.
	<b>KL-0215-36 M25</b>	<b>Air-Driven Hydraulic Pump</b>	<b>1</b>
	<i>consists of:</i>		
1	KL-0215-360	Hydraulic pump (without Hose)	1
3	KL-0215-362	Hydraulic hose 2.5 m with hose-side connector	1
4	KL-0215-322	Cylinder-side connector 1/4"NPT	1
5	KL-0040-2520	Adaptor 3/8"NPT to 1/4"NPT	1
2	KL-0040-2529	Pressure Gauge	1

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WERKZEUGE FÜRS LEBEN

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