

Klübermatic KD

Manual spraying equipment



Your benefits at a glance

- Low investment costs
- High reliability
- Easy handling - no special training required for operation
- High flexibility - shoulder strap provided for ease of transport (weight with complete fill: approx. 11 kg)
- Corrosion-resistant materials – long equipment life
- Not subject to EC pressure equipment – no regular pressure inspection required sure equipment directive

Your requirements - our solution

The manual spraying equipment comprises a stainless steel reservoir and a hand pump used to build up a compressed air cushion above the lubricant level up to a maximum operating pressure of 6 bar.

In addition to the standard spraying tube of 450 mm with a bent nozzle end, an extension tube is provided that can be continuously adjusted from 1070 to 2000 mm. The usability of the equipment has been tested, and it has been adjusted to the requirements in practice. It does not require a stationary compressed air connection. Klübermatic KD is TÜV and GS certified.

Application

Klübermatic KD is primarily used for loose kiln riding rings lubricated with WOLFRACOAT C FLUID.

Application notes

The built-in air pump is screwed out anti-clockwise to fill the pressure vessel.

Caution: Prior to filling, the lubricant container should be well shaken to activate the solid lubricants.

When the pressure vessel has been filled with lubricant (5 l max.), the air pump is fitted again and screwed fast to ensure an air-tight seat.

For safety during transport, the air pump handle can be locked. Do not screw fast too tight to facilitate release when activating the pump.

The pump is used to build up a compressed air cushion. The maximum permissible pressure is 6 bar, which can be checked on the pressure gauge, red mark. Upon pumping, Klübermatic KD is ready for use.

The lubricant jet is activated by brief actuation of the hand valve.

The jet nozzle is directed onto the friction point, i.e. the inside of the kiln riding ring.

If the pressure inside the pressure vessel exceeds 6 bar, the safety relief valve must open automatically.

To relieve the pressure manually - e.g. when the pump is to be dismantled for refilling — open the deaeration valve.

Refilling

- Press red button of the deaeration valve and keep depressed until complete pressure relief; monitor pressure relief on pressure gauge.
- Dismount air pump.
- Fill in lubricant, remount pump and screw fast.

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- Actuate air pump again to build up pressure cushion.



Technical data of Klübermatic KD

- Extension pipe (adjustable up to 2000 mm / can be ordered separately at extra cost, article number 039113)
- Brass spray pipe, 450 mm, with jet nozzle
- Hand valve with filter screen
- Pressure vessel, 5 l capacity, operating pressure 6 bar max.
- Flexible tube, approx. 1200 mm

- Deaeration valve
- Pressure gauge (0 to 10 bar)
- Safety relief valve (opening pressure 6 bar)
- Locking device
- Air pump



Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

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Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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