



One unit for many applications

Versatility meets innovation. This compact and robust 3-in-1 hydraulic power unit is the perfect all-rounder for any application. Whether for pumping, bypass filtration, or fresh oil filling and pre-cleaning – with high-quality Hengst filters and a quiet screw pump, it ensures maximum efficiency and cleanliness – even during operation.

The 3-in-1 unit from Knoll Hydraulik

■ OIL PUMPING

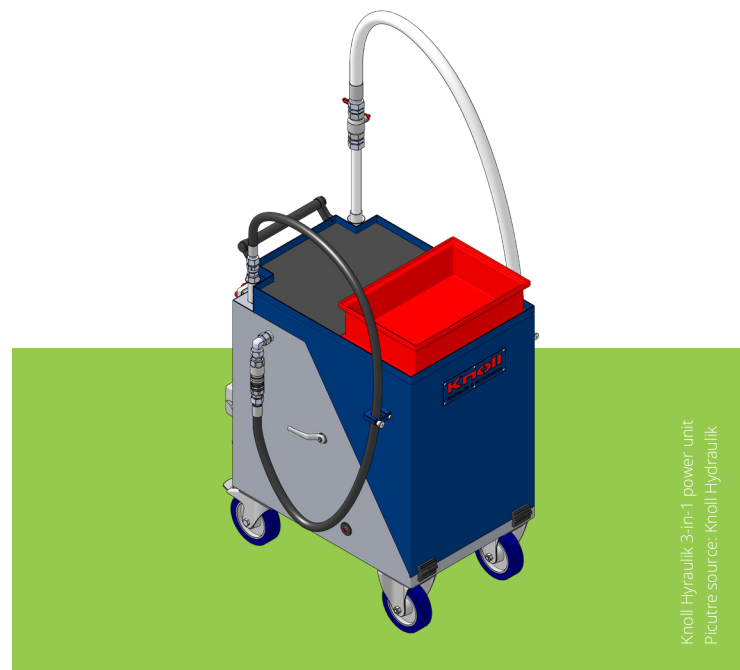
The 3-in-1 unit enables the quick and safe extraction of used hydraulic oil. Thanks to the **through-hole ball valve system**, the filter can be bypassed if necessary, allowing the pumping process to proceed without interruption or damage to the filter. This ensures efficient removal of the used oil, enabling quick and clean maintenance or oil changes.

■ BYPASS FILTRATION

During operation, bypass filtration ensures continuous cleaning of the hydraulic oil. The flow rate can be continuously adjusted via an electric motor using a potentiometer. This continuous cleaning increases the service life of the hydraulic system, protects sensitive components, and prevents costly failures.

■ OIL FILLING AND PRE-CLEANING

During refilling or initial filling, the fresh oil is passed through Hengst hydraulic filters with filtration ratings **from 3 µm to 10 µm**. The water filter is available as an optional replacement for the other filters. This thoroughly removes particles and moisture from the oil before it is even filled. This optimizes the oil quality and protects the hydraulic system from damage right from the start.



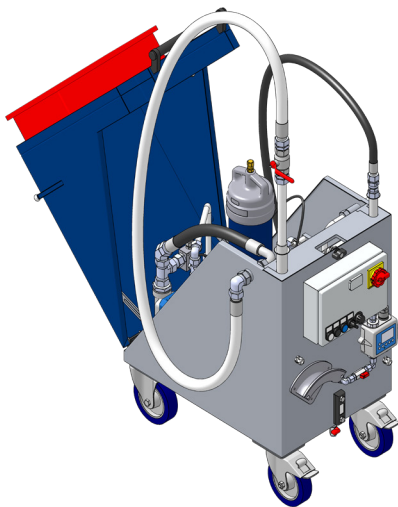
Knoll Hydraulik 3-in-1 power unit
Picture source: Knoll Hydraulik

3-in-1 power unit from Knoll Hydraulik

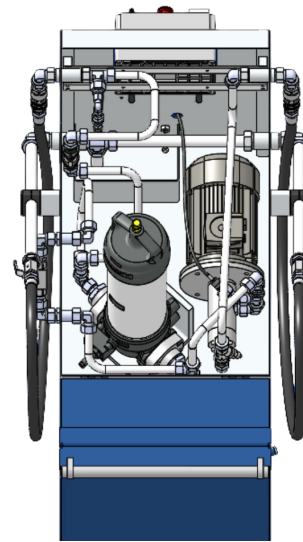
Coming soon - The 3-in-1 power unit

Intelligent design & compact construction

- High-quality Hengst filters (3 - 10 µm) with oil drain function and water separator filter
- Pumping without filtration is possible
- Quiet, low-maintenance screw pump with screen filter protection
- The flow rate can be continuously adjusted via an electric motor using a potentiometer
- Ergonomic, robust solid rubber casters for easy mobility
- Clean, leak-proof flat-face couplings
- Maintenance-friendly design with flap, easily replaceable filters, and shut-off valve for oil draining
- Optional MP-Filtri particle counter for oil cleanliness control with percentage water content display
- Measurement of cleanliness according to ISO 4406, AS 4059E and NAS 1638
- Customizable company logo available at an additional cost



Side view of a 3-in-1 hydraulic power unit



View into the hydraulic unit

Quieter and more powerful!



Compared to standard units on the market, the Knoll 3-in-1 hydraulic power unit impresses with significantly **lower noise levels**. The innovative, low-maintenance screw pump operates extremely quietly, ensuring a more pleasant working environment – a crucial advantage in noise-sensitive areas.

Furthermore, the Knoll unit offers improved flow rates with flexible adjustment options. This allows Knoll to increase productivity and ensure optimal performance while simultaneously reducing noise and energy consumption.



AVAILABLE FROM JULY 2026!

The innovative Knoll 3-in-1 hydraulic power unit will be available from spring 2026 and will be offered exclusively through the **authorized distributor FILCOM GmbH and directly from the manufacturer, Knoll Hydraulik GmbH & Co. KG**. Secure your unit now and benefit from exclusive service, expert advice, and the consistently high quality you expect from Knoll.

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