

Booster Trolley

Issue 09-2025

KNOLL
.It works



Properties

Benefits

Proven KNOLL screw pump

- Low noise level
- Low pulsation
- Long service life thanks to high wear resistance
- Stable high-pressure supply

UniPur canister filter

- Cost-effective, manual alternative to self-cleaning filters
- Various filter variants

Compact design

Low space requirement

Plug-and-Play solution for fast integration

Addition to existing filter system

Areas of application

- Supply of machine tools
- For original equipment or retrofitting
- For chip breaking

Description

The Booster Trolley is a mobile filter unit that extracts oil from the clean tank of the KNOLL main filtration system. After additional filtration and cooling, the oil is returned to the multi-spindle machine under high-pressure.

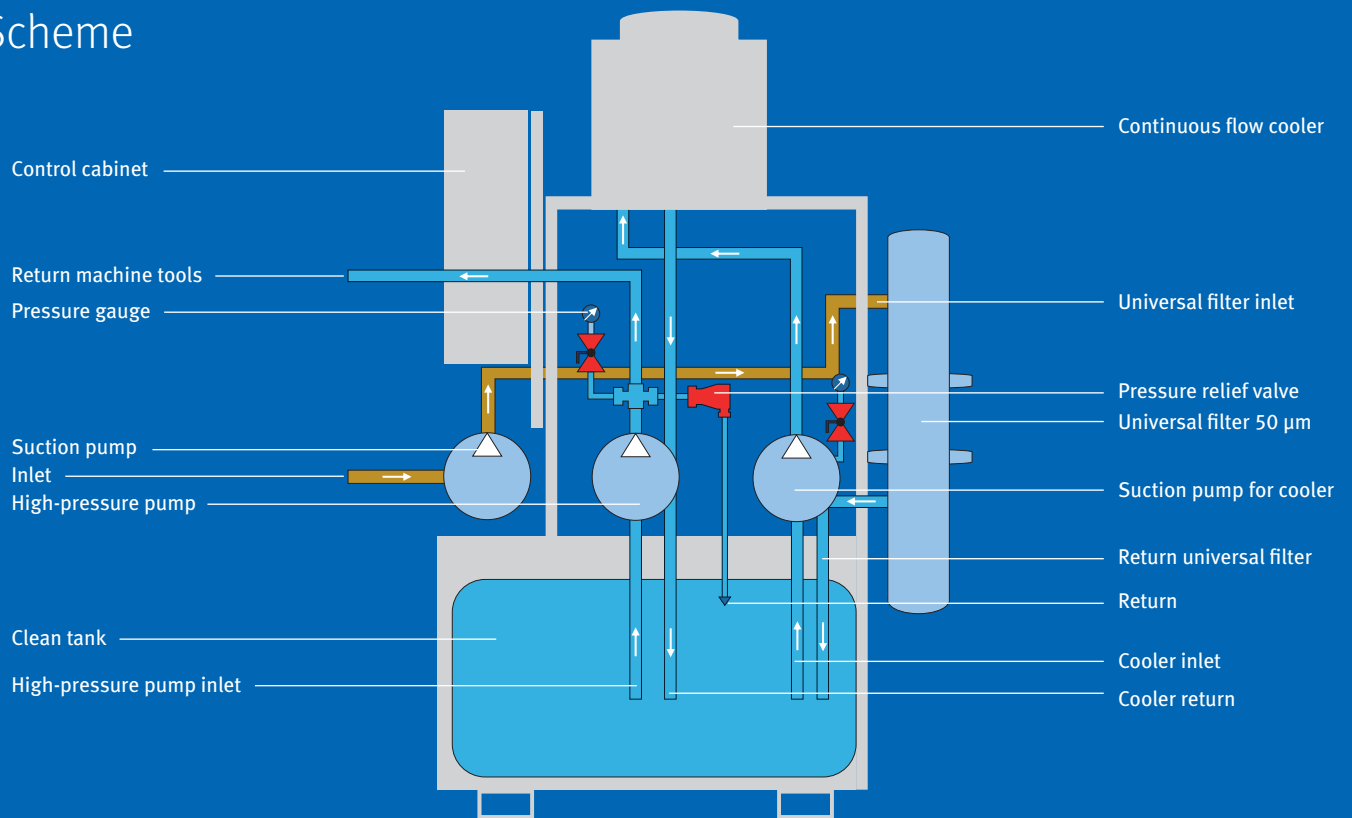
Key features

- Mobile filtration and high-pressure solution for integration with the multi-spindle machine ensuring reliable chip breaking.
- Integrated chiller for temperature stabilization.
- KNOLL BS transfer pump for transferring oil into the tank of the high-pressure system.
- Innovative KNOLL KTS high-pressure pump, virtually wear-free.

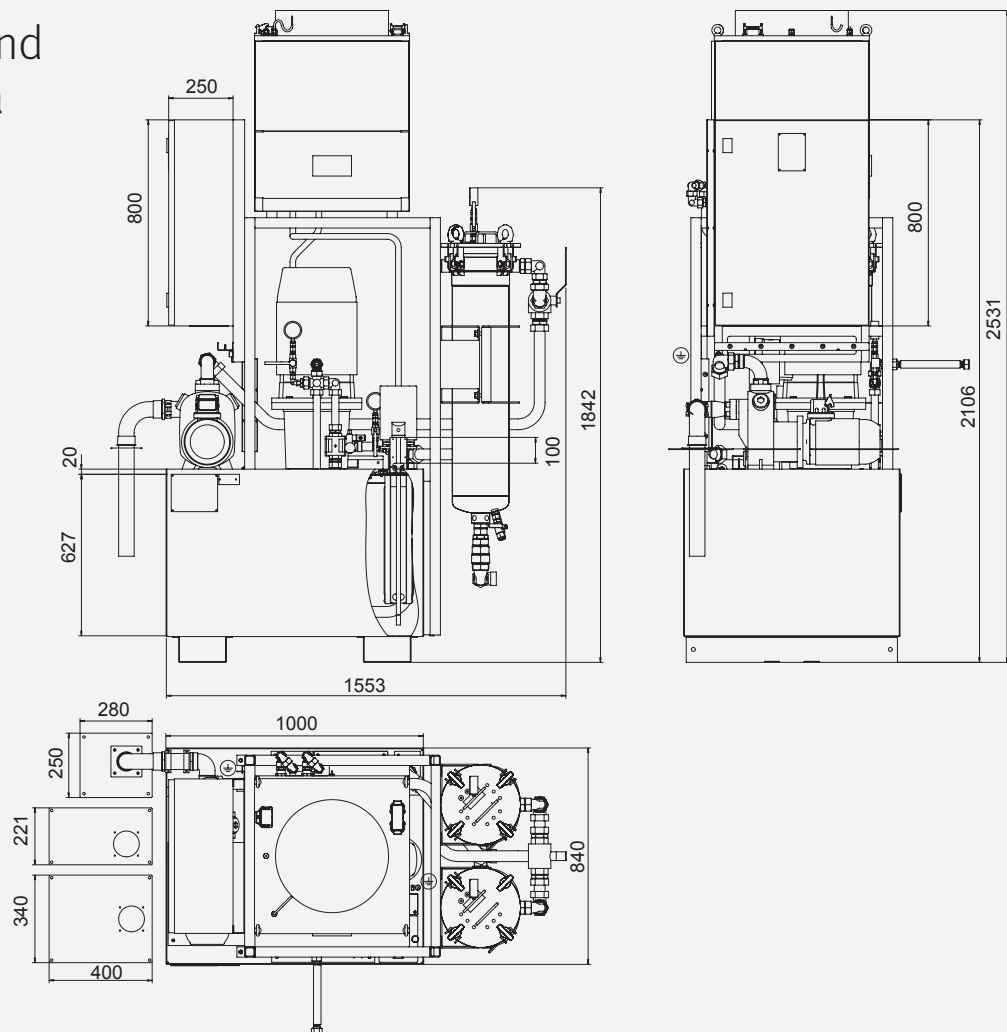
Technical data

- Tank capacity: 460 l / 121.5 US gal
- KTS flow rate Q: 60 l/min @ 80 bar (15.85 gal/min @ 1,160 psi) (viscosity 40 °C / 104 °F: 10 mm²/s)
- Filtration fineness: 50 µm

Scheme



Dimensions and technical data



KNOLL Maschinenbau GmbH

Schwarzachstraße 20
DE-88348 Bad Saulgau
Tel. +49 7581 2008-0
Fax +49 7581 2008-90140
info.itworks@knoll-mb.de
www.knoll-mb.de

KNOLL America Inc.

5131 Apple Creek Pkwy
US-28034 Dallas, North Carolina
Phone +1 248 498 1400
sales@knollamerica.com
www.knollamerica.com

BT