



Application areas:

- Special foundation engineering, Tunnelling (bored pile, cut-off wall, jet grouting)
- Biogas production
- Chemical industry
- Ceramic and Porcelain industry

Pumping of:

- Bentonite slurries, drilling fluids, sealing wall slurries, groundwater, mortar, slurries, dirty water, cement, fly ash or other solid-containing slurries
- Return suspensions
- Slurries
- Biomasses, Press water

Technical Data / Performance Data *

Flow rate	max. 48	m³/h
Discharge pressure	max. 8	bar
Suction lift	max. 8	m
Solids grain size	max. 32	mm
Medium temperature	50	°C
Nominal diameter of hose	100	mm
Pump speed	37	upm
Suction connection	Storz A	4" standard coupling DIN 14307, alternatively 4" AG, flange DN100 PN16
Pressure connection	Storz A	4" standard coupling DIN 14307, alternatively 4" AG, flange DN100 PN16
Power connection	CEE-plug	63 A, 5-pole
Power input	22	kW
Voltage	400	V; 50 Hz
Dimensions	1,57 x 1,52 x 1,63	m (L x W x H)
Weight	approx. 1500	kg

)* The stated values are approximate values and refer to the pumping of water with 18 ° C. Conditionally by abrasion of the hose pump, unfavourable suction, pressure conditions and influence of viscosity of the pumping medium may differ the actual performance data from the specified data.

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 Technical specifications
are subject to change
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Characteristics:

- dry running
- self-priming
- reversible
- low pulsation
- high productivity
- high operating reliability
- easy wear compensation of the hose pump via eccentric adjustment
- central lifting eye for crane handling
- forklift handling from long and transverse side, lift truck handling from long side

Features:

- ✓ **Steel frame** with forklift pockets and central lifting eye
- ✓ **Pump housing** with pivoting housing cover
- ✓ **Pump drive** with reinforced bearing
- ✓ **Pump rotor** with rotatable mounted pressure rollers including eccentric adjustment
- ✓ **Hose rupture detection**
- ✓ **Vacuum unit** to support suction capability
- ✓ **Pulsation damper** reduces the flow rate pulsation
- ✓ **Pressure switch-off** (safety device)
- ✓ **Remote control connection** arranged
- ✓ **Operating manual** and spare parts list
- ✓ **Electrical function and power control** with the following display and control elements:
 - Main switch ON/OFF
 - Pump ON/OFF
 - Vacuum pump ON/OFF
 - Selector switch reversing operation (forwards/backwards)
 - Selector switch on-site/remote control
 - Display hose rupture detection
 - Display combined fault

Accessories (not included in delivery):

- Cable remote control
- Radio remote control
- Suction filter
- Suction tube
- Suction and pressure connections