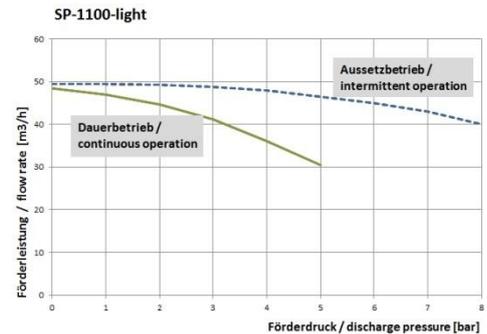




picture similar



Application areas:

- Special foundation engineering, Tunnelling (bored pile, cut-off wall, jet grouting)
- Biogas production

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 | m ³ /h |
| Discharge pressure | max. 5 | 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 DN100PN16 |
| Pressure connection | Storz A | 4" standard coupling DIN 14307, alternatively 4" AG, flange DN100PN16 |
| Power connection | CEE-plug | 32 A, 5-pole |
| Power input | 15 | kW |
| Voltage | 400 | V; 50 Hz |
| Dimensions | 1,65 x 1,69 x 1,63 | m (L x W x H) |
| Weight | approx. 1430 | 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.

Characteristics:

- dry running
- self-priming
- reversible
- 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
- ✓ **Soft start** (limitation of starting current)
- ✓ **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 (forward/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 strainer
- Suction tube
- Suction and pressure hoses
- Pulsation damper

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Technical specifications are
subject to change

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