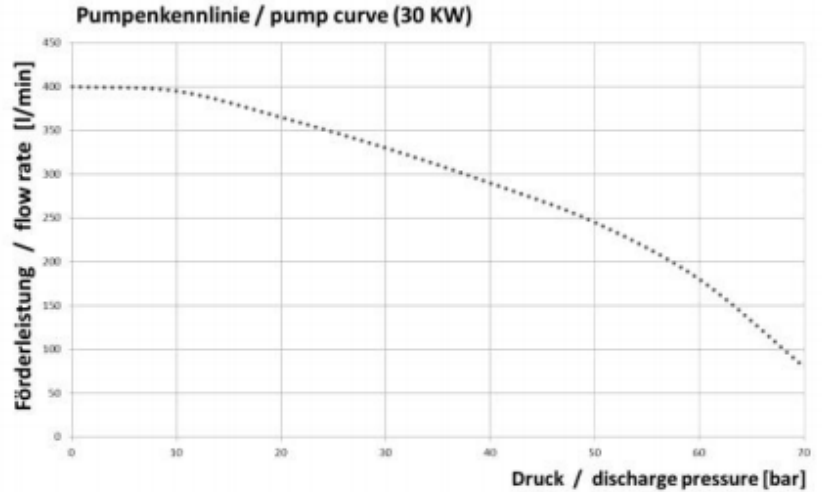


Gertec PP-150-E

Plunger Pump



Rental fee : 250 €/day

Application areas:

- Sealing, gap and conduct grouting
- Anchor injection, ground stabilization, rock injection
- Drill injection
- Jet grouting, pipe roof grouting
- Cavity filling
- Micro tunnelling

Discharge and grouting of :

- Cement, bentonite and tone slurries, water glass or other gels
- Cement slurries, anchor grout
- Bentonite and tone slurries
- Cement slurries
- Cement and fly ash slurries
- Bentonite, cement and insulation slurries

Technical Data / Performance Data *

Flow rate	0-400	l/min continuously adjustable
Discharge pressure	70	bar continuously limited
Solids grain size	max. 2	mm
Pressure connection	1½"	IG
Suction connection	Storz C	2" standard coupling DIN14307, alternatively 2" IG
Power connection	CEE-plug	63A, 5-pole with phase inverter
Power input	32,0	KW
Voltage	400	V; 50 Hz
Dimensions	1,8 x 1,1 x 2,1	m (L x W x H)
Weight	approx. 1560	kg

)* The specified performance data are non-binding values, depending of the rheological slurry characteristics.

Features (100 bar; electrical pump adjustment):

- ✓ **compact hydraulic power pack** consisting of:
 - sound insulated and encapsulated sheet steel construction, floor assembly constructed as oil drain tank
 - electric drive with vibration-damping fixing for engine
 - hydraulic variable displacement pump and hydraulic fixed displacement pump
 - welded hydraulic tank incl.:
 - visual oil level indicator and electrical minimum level guard
 - oil return filter including visual contamination indicator
 - venting nozzles
 - separate oil drain nozzles
 - hydraulic control block incl. 2 electrical proportional valves (1 x electrical continuously adjustment of the pump flow rate, 1 x electrical continuously limiting of the pump discharge pressure)
 - air-oil cooler
- ✓ **Double plunger pump** vertical mounted; self-running ball valves, encapsulated hydraulic drive
- ✓ **Pump pressure line** with 2 lubricated high-pressure ball valves (1 x possible pressure relief/circulation, 1 x pressure connection plunger pump); pressure line incl. diaphragm seal and visual pressure display (manometer 100 mm)
- ✓ **Transport traverse** with central hitch
- ✓ **Sled-base frame** galvanized with forklift pockets
- ✓ **Electrical function and power control** incl.:
 - light indicator button Pump ON / OFF
 - electrical adjustment of pump flow rate 0-100%
 - electrical adjustment of pump discharge pressure 0-100%
 - operation mode switch (far / near / maintenance)
 - resettable stroke counter (pump strokes)
 - light indicator button acknowledge fault
 - emergency-off button
 - various push buttons maintenance operation

Accessories (not included in delivery):

- Remote control (cable or radio)
- Data logger
- Discharge hoses
- LED ladder (telescoping)
- Spare and wearing part package



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