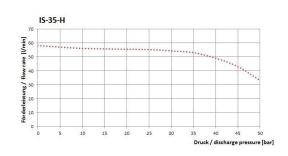


Product Information Grout Plant IS-35-H

Grout Plants





picture similar

Application areas:

- Geothermal application (peripheral filling for geothermal probes)
- Well construction (seal water sealing, backfilling)
- Tunnelling (delivery and injection of slurries, cavity filling)
- Special civil engineering (delivery and injection of slurries, cavity filling)
- Road works (delivery of drainage asphalt)

Mixing of:

- Cement slurries
- Filling materials for peripheral filling
- Bentonite slurries
- Mineral insulating slurries
- Fly ash slurries
- Anchor grout

Technical Data / Performance Data *

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Mixing capacity (20 batches/h)	3,0	m³/h
Effective mixer volume	150	1
Mixing water minimum	50	1
Mixer filling level (bag loading)	1000	mm
Buffer tank volume	200	1
Flow rate	0-55	I/min continuous
Discharge pressure	max. 50	bar
Solids grain size	max. 2	mm
Pressure connection	VT 1"; type 25	motar coupling VT 1",alternatively 1" IG
Water connection	Storz C	11/2" standard coupling DIN14307, max.6 bar; or Geka-claw coupling
Cleaning connection	DN 25	Geka-claw coupling
Dynamic pressure leakage oil line	max. 1,5	bar
Required quantity of oil (on site)	70	l/min
Required oil pressure (on site)	180	bar
Transport dimensions	1,62 x 0,82 x 1,6	m (L x W x H)
Working dimensions	2,21 x 0,82 x 1,6	m (LxWxH)
Weight	approx.385	kg

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)* The specified performance data are non-binding values that differ significantly depending on dosing, mixing and discharge times



Features:

- Batch mixer 150 I capacity (Colloidal mixer); fast running colloidal mixer; debagging grid; adjustable filling bar for rough water level indication; 3-way valve in the mixer-forced circulation and emptying pipe; mixer tank draining
- ✓ Buffer tank 200 I capacity; Sheet steel container with inclined tank bottom for better draining, container cover with inspection hole; in the bottom integrated vertical chute with connecting flange for eccentric screw pump
- Eccentric screw pump directly flanged to the tank bottom of buffer tank, optical pressure gauge mounted at pump outlet, boring tool for rotors is included
- Water dosage by manually operated ball valve
- ✓ separate connection for cleaning hose including stopcock
- Steel frame with suitable seats for forklift and pallet handling; central lifting eye on mixer tank
- ✓ Hydraulic control for manual operation:
 - Mixer ON/OFF
 - Pump forward ON/OFF with speed adjustment MIN MAX
 - Pump backwards ON/OFF with reduced speed adjustment

Accessories (not included in delivery):

- Data logger (24 VDC or 230 VAC)
- Grouting hoses
- o Cleaning hose
- Resettable water counter
- o Water buffer
- Sunshade

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