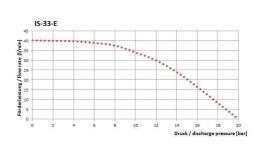


Product Information Grout Plant IS-33-E





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)

Mixing of:

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

Technical Data / Performance Data *

2,0	m3/h
100	1
35	1
850	mm
150	1
approx. 40	l/min
20	bar
16	bar
max. 2	mm
VT 1"; type 25	mortar coupling VT 1", alternatively 1"IG
Storz C	1 ¼" standard coupling DIN14307, max.6 bar; or Geka-claw coupling
DN 25	Geka-claw coupling
CEE-plug	16 A, 5-pole with phase inverter
4,5	KW
400	V; 50 Hz
1,44 x 0,71 x 1,25	m (LxWxH)
approx. 240	kg
	100 35 850 150 approx. 40 20 16 max. 2 VT 1"; type 25 VT 1"; type 25 Storz C DN 25 CEE-plug 4,5 400 1,44 x 0,71 x 1,25

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



Features:

- Modular construction; can be dismantled in 3 modules with few steps (quick release) (mixer / buffer tank / base frame with pump)
- Batch mixer 100 I capacity (Colloidal mixer);
 Fast running colloidal mixer; debagging grid with safety end-switch; adjustable filling bar for rough water level indication and manual water dosage; 3-way valve in the mixer-forced circulation and emptying pipe; removable emptying pipe for easy mixing tank draining
- Buffer tank 150 I capacity;
 Steel sheet tank with eccentric outlet cone (for complete discharge); shared container lid, with removable protective grid with safety end-switch
- ✓ Eccentric screw pump with adjustable stuffing box sealing
- ✓ Visual pressure display with tubing pressure intermediary mountable at pump exit
- ✓ Water dosage by manually operated ball valve
- ✓ Separate connection for cleaning hose including stopcock
- ✓ Galvanized steel frame with suitable seats for forklift and pallet truck handling; central lifting eye on mixer tank
- ✓ Electrical function and power control by push buttons; input with phase inverter;
- ✓ Standard accessories:
 - Adapter Storz-C standard coupling / Geka-claw coupling (water dosage)
 - Document roll (storage of operation manuals)
 - Cleaning brush
 - Mortar coupling MT 1" IG (suitable connection coupling for pump exit)

Accessories (not included in delivery):

- o Data logging
- o Grouting hoses
- o Cleaning hose
- o Water meter
- o LED launder with tripod
- Service socket
- o Sunshade

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