



Häny Mixing and Injection Technology

Compact Grout Plant IC 1100/712



The compact grout plants consist of the proven Häny standard components Mixer, Agitator and Grout Pump. This setup is suitable for a wide range of applications such as anchoring, sleeve pipe, contact and backfill grouting. For higher outputs and increased quality control, the plants are also available in semi automated and fully automated versions.

HÄNY
Mixing and Injection Technology

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Compact Grout Plant

IC 1100/712



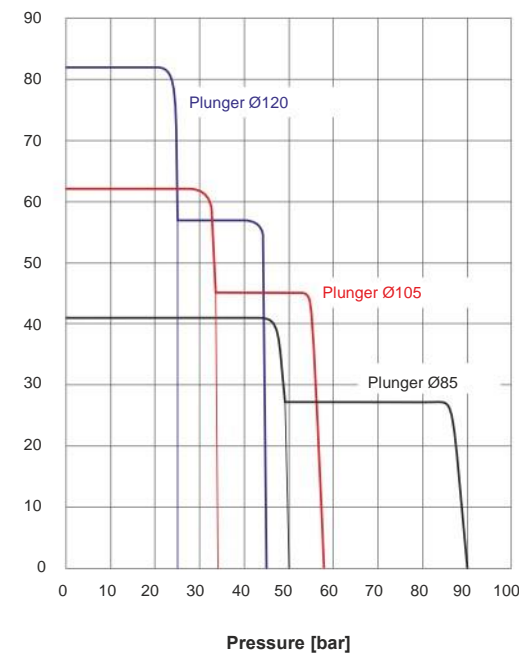
Key features

- ▶▶ Extremely compact mixing and injection system with central lifting point for easy transport and minimum installation time.
- ▶▶ High productivity due to ergonomically positioned operating elements.
- ▶▶ High reliability and low-maintenance operation with good accessibility to the wear parts.
- ▶▶ Independent from pressure ratios, the suction stroke is always carried out at high velocity in order to flush the valves and to avoid clogging.

Typical applications

- ▶▶ Grouting of anchors, soil nails, tension cables as well as for sleeve pipes, rock and contact injections
- ▶▶ Preparation and pumping of bentonite suspensions for pipe jacking and microtunneling

Pump performance



Grout Pump ZMP 712

Capacity:	4.9 m ³ /h
Pressure max.:	88 bar
Aggregate size max.:	8 mm
Hydraulic tank:	110 l
Pump module:	single
Cooling water flow rate:	3 - 4 l/min
Cooling water connection:	BSP 1/2"
Pressure connection:	BSP 2"

Standard included

- Manual pressure and flow control
- Oil level and temperature sensor

Optional

- Pressure relief valve Grout Pump - Agitator, manual

Mixer / Agitator

Mixing capacity mixer:	260 l
Circulation capacity:	1400 l/min
Water connection:	BSP 1"
Holding capacity agitator:	800 l

Optional

- Auxiliary mixing unit (recommended for W/C < 0.45)
- Automatic water meter 1"

Control

PLC with stroke counter
Main switch lockable, emergency stop
Mixer ON-OFF
Agitator ON-OFF
Pump ON-OFF

Optional

- Remote control with 50 m cable, ON-OFF
- P/Q-Registration

1: Water to cement ratio = 1

Electrical data

Tension:	3x 400/460
Frequency:	50 / 60 Hz
Nominal power:	17.5 / 20.0 kW

Weight and Dimensions

Total weight:	1240 kg
Width:	1950 mm
Height:	1900 mm
Length:	2184 mm

Construction and Dimensions

