

# Grout Plants medium pressure

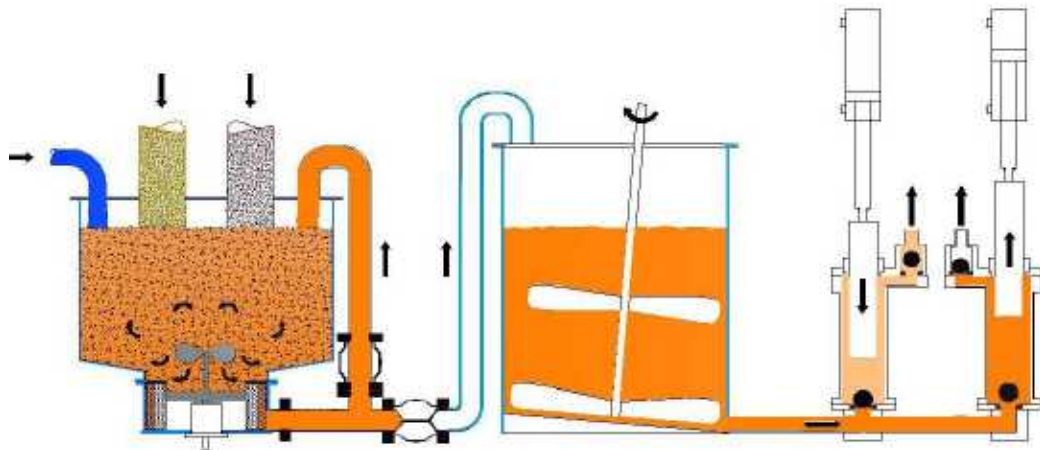


**GERTEC**

Maschinen- und Anlagenbau GmbH



# Functional principle



**Grout Plants**  
**medium pressure**



## Application areas

**Sealing, gap, contact and stabilization grouting**

**Anchor injection, ground stabilization, rock injection**

**Drilling mud**

**Jet grouting, arch injection, sole stabilization**

**Gavity filling**

**Microtunnelling**

**Micro piles**

## Grouting of

cement, bentonite and clay slurry, water glass or other gels

cement slurry, anchor grout

bentonite, clay or polymer slurry

cement slurry

cement, fly ash and insulation slurry

bentonite, cement and insulation slurry

cement slurry

## Advantages of GERTEC Grout Plants:

- Colloidal mixing technology combined with robust high power plunger or piston pumps
- sturdy mixing and grouting technique suitable for construction sites
- easy operation, maintenance and handling
- optimal mixing quality (homogeneous, stable slurry, low sedimentation of the mixing components; no bleeding of the slurry; optimal flow ability; no agglomeration; minimum subsequent swelling of clay proportions) by the colloidal mixer
- hydraulic power controlled pump drive
- continuously adjustable flow rate
- continuously limitable discharge pressure
- available in various plant types and features
- use of an extensive range of accessories possible

# Performance range

type*1	max. flow rate	max. discharge pres.	pump type*2	power input	effective mixer volume	puffer tank volume	length	width	height	weight
med pressure	l/min	bar		kW	l	l	mm	mm	mm	kg
<b>IS-60-E</b>	50	100	PP-60	11	150	300	2270	830	1900	820
<b>IS-65K-E</b>	40	75	KP-65	13	150	300	100	900	1750	600
<b>IS-65K-E</b>	40	75	KP-65	13	150	600	2050	1100	1800	680
<b>IS-80-E</b>	95	100	PP-80	23,5	150	300	2260	850	2100	1050
	95	100	PP-80	27,5	280	560	2650	1100	2100	1250
<b>IS-80-EA</b>	95	100	PP-80	30	280	560	2500	2000	2100	2500
<b>IS-80-2-EC</b>	2x95	100	2xPP-80	48	500	3000	6050	2430	2530	5100
<b>IS-100-E</b>	200	100	PP-100	24	280	560	2200	1700	2100	2500
<b>IS-100-EA</b>	200	100	PP-100	30	280	560	2200	1700	2100	2500
<b>IS-100K-E</b>	90	100	KP-100	19	280	560	2450	1000	2100	925
<b>IS-100K-E</b>	90	100	KP-100	20	280	600	2200	1200	2150	800
<b>IS-100K-E</b>	90	100	KP-100	21	280	1000	2500	1200	2150	1000
<b>IS-120-E</b>	210	100	PP-120	30	280	560	2040	1200	2150	2100
<b>IS-120-EA</b>	210	100	PP-120	42	500	1000	2400	2600	2500	2900
<b>IS-120-EA</b>	210	100	PP-120	45	500	1000	2400	2600	2500	2950
<b>IS-120S-E</b>	125	50	PP-120S	16	280	600	1950	2170	2300	1500
<b>IS-150-EA</b>	400	70	PP-150	54	500	1000	2500	2600	2500	3200
<b>IS-150-EAC</b>	400	70	PP-150	32	500	1000	6100	2440	2600	4800
high pressure	l/min	bar		kW	l	l	mm	mm	mm	kg
<b>IS-80-EAHD</b>	100	230	PP-80-HD	45	250	500	2400	2100	2100	3400

Other sizes, types and equipments on request

\*1) IS-Grout Plant; E-electric drive manual operation;

EA-electrical drive full-automatic machine; HD-high pressure; C-container construction

\*2) KP-piston pump; PP-plunger pump



IS-60-E



IS-65K-E



IS-100-E



IS-100K-E



IS-120-EA



IS-150-EA

For pump characteristics please see brochure „PP-Plunger Pumps“ or technical specifications of the respective grout plant

**GERTEC**  
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Grout Plants  
from GERTEC stand for  
**colloidal mixing** technology  
combined with **robust** and  
**powerful grouting pumps.**

**GERTEC**

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