

AUTOMATION

MORTAR AT THE TOUCH OF A BUTTON



Küchler
Technik

kuechler-technik.ch



Anchoring

Drilling

Measurement

Injection

K GRAVITY FED SILO 12–22 m³ *suitable for the site installation*



SPECIFICATIONS

Content	12 m ³	18 m ³	22 m ³
Content K INJECTION MORTAR	13.2 t	19.8 t	24.2 t
Content KÜMIX®	9.6 t	14.4 t	17.6 t
Space requirement with pump	2.2 x 2.2 m	2.4 x 2.4 m	2.4 x 2.4 m
Empty weight	1.6 t	2.0 t	2.2 t
Height	6.150 m	6.370 m	6.600 m

K GRAVITY FED SILO 1–3 m³ / INJECTION MACHINE *for re-injections with quantity display in kg*



SPECIFICATIONS

Content	1 m ³	2 m ³	3 m ³
Content K INJECTION MORTAR	1.1 t	2.2 t	3.3 t
Content KÜMIX®	0.8 t	1.6 t	2.4 t
Space requirement with pump	1.6 x 1.6 m	1.6 x 1.6 m	1.8 x 1.8 m
Empty weight	0.8 t	0.9 t	1.0 t
Height	2 400 m	2 400 m	2 800 m

Filling by BIG BAG or conveyor Portable with excavator

K RAIL SILO 8.5 m³ WITH SCREW CONVEYOR *for injections of tunnels and railway lines*



SPECIFICATIONS

Content	8.5 m ³	Further sizes on request
Content K INJECTION MORTAR	10 t	
Content KÜMIX®	7.0 t	
Space requirement with pump	2.4 x 3.0 m	
Empty weight	1.8 t	
Height	2 400 m	

Filling by injection from buffer silo or silo truck

ACCESSORIES



K MUNG®

various injection systems



INJECTION BOCK

100 bar with pressure relief



REMOTE CONTROL

Cable



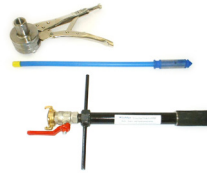
PRESSURE CONTROL

with pressure gage



REMOTE CONTROL

Radio



INJECTION PACKER

various accessories



PRESSURE SWITCH

0-60 bar



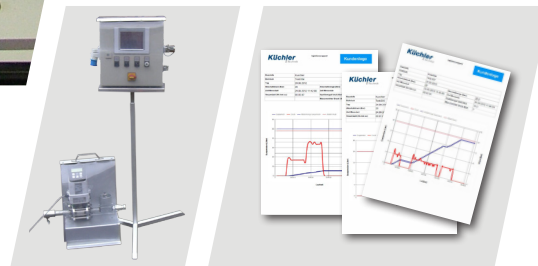
SCREW CONVEYOR

INJECTION REPORTS



PRESSURE AND QUANTITY LOGGING

- Pressure gage
- Quantity display
- Time and Date
- Pressure control
- Quantity control
- stored on a USB stick



DISCHARGE SCREW CONVEYOR

incl. automatic switch-off and volume meter (h)



For automatic filling of the injection system



Various sizes available on request

CIVIL ENGINEERING

STATIONARY SYSTEM



On and off by remote control



Pour, mix and pump injection material



K MUNG® silo pump

MOBILE SYSTEM



Fräschu



Filling the silo using the BIG BAG

TUNNELING

STATIONARY SYSTEM



On and off by computer

Railway Tunnel

MOBILE SYSTEM



Tunneling mobile



TUNNEL CONSTRUCTION

STATIONARY SYSTEM



*Tunnel construction with outdoor installation
3000 m pump power*

MOBILE SYSTEM



Injection 80 t / 10 m³/h

*Further details can be
found in this document*

