



OUR PRODUCTS



Verputztechnik

Plastering technology

Entwicklung

Development

Produktion

Production

Content

Who we are	4
Our offer	6
Plastering machines	9
Mortar pumps	17
Continuous flow mixer	23
Conveying systems	29
Mineral foam systems	39
Accessories	43

who
we
are





The company V.E.P. is a medium-sized company that specializes in the manufacture of plastering & conveying technology and mineral - foam equipment. Together with our customers we have developed machines that are particularly practical.

From the planning & construction to the development & manufacturing on a high level, we offer our customers everything from one source.

Over many years V.E.P. has developed very successfully from a regional manufacturer to an internationally operating company. The machines of V.E.P. are in use under the Spanish sun as well as in the Siberian cold - they inspire their users worldwide.

The high innovation power, combined with modern manufacturing technologies & a very dedicated team, make the success of V.E.P..

Fair partnership with our customers, suppliers and employees, coupled with a very high quality standard, is the credo of V.E.P..

Our Offer

01 Plastering Machines

- VR 1
- VR 6
- VR 8

02 Mortar Pumps

- VR 2
- VR 4

03 Continuous Flow Mixer

- VR 230 Volt
- VR 2302
- VR 2303
- VR 400-3

04 Conveying Systems

- Pressure Conveying Systems
- Free Fall Conveyor Systems

05 Mineral Foam Systems

- Standard
- Semi-automatic
- Fully-automatic

06 Paint Spraying System

- FSG 6.5

06 Accessories

- Rotors & Stators
- Spare parts & Wearing parts
- Repair Service

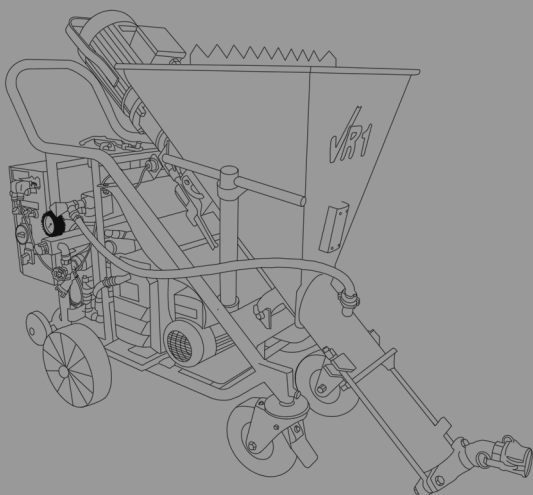




01 Plastering Machine

Everything at a glance!

The **VR 1** plastering machine (in the versions 230 V with frequency converter, 400 V with frequency converter or switchable 230/400 volt) is suitable for all machine-compatible ready-mix dry mortars. Depending on the requirements, it is possible to process bagged material or silo material by means of a standard conveyor system. The machine was designed for small construction sites and renovation work. The 230 V version is recommended for these applications, as it can be used indoors and outdoors without any problems with 10 - 15 m conveying distance. can be used indoors and outdoors.



Basic equipment

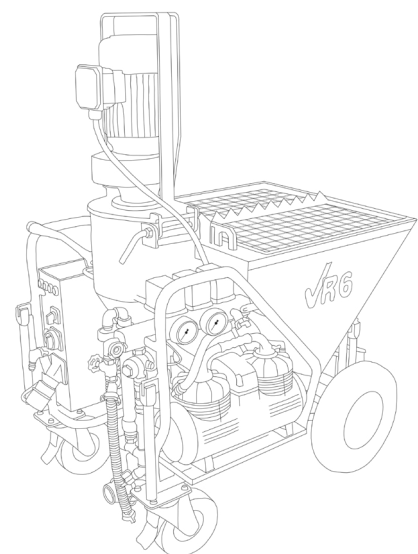
- Mixing tube with exchangeable flange
- Armature unit / electricics removable
- Material container removable
- Compressor
- Magnetic switch coded
- Pressure cut-off 42V
- Water & electricity safety circuit
- Water air fitting compact
- Mortar hose 25 mm - 10 m
- Air hose 1/2" - 11m
- Sprayer 25 mm
- Worm pump (optional maintenance free)
- Mortar pressure gauge LW35
- Coupling reducer 35V 25V
- Cleaner shaft & mixer cleaner
- On-board tool, unscrewing tool
- Instruction manual

The **VR 6** plastering machine is suitable for all machine-compatible dry mortars. Depending on the requirements, it is possible to process bagged material or silo material by means of a commercially available conveyor system. The dry mortar is conveyed to the mixing pump via the inclined cellular wheel. In the mixing pump, the material is mixed under metered water supply and then conveyed through the mortar hose by a highly wear-resistant, extremely pressure-stable worm pump.

The **VR 8** plastering machine is suitable for all machine-compatible dry mortars. Depending on the requirements, it is possible to process bagged material or silo material by means of a commercially available conveyor system. The dry mortar is conveyed to the mixing pump via the horizontally arranged conveying shaft. In the mixing pump, the material is mixed under metered water supply and then conveyed through the mortar hose by a highly wear-resistant, extremely pressure-stable worm pump.

Basic equipment

- Mixing tube with interchangeable flange
- Pump motor with planetary gear
- Compressor
- Generously designed tool compartment
- Pressure cut-off 42V
- Water & electricity safety circuit
- Water Air Fitting compact
- Mortar hose 25 mm - 10 m
- Air hose 1/2" - 11m
- Sprayer 25 mm
- Screw pump (optional maintenance free/adjustable)
- Mortar pressure gauge LW 35
- Coupling reducer 35V 25V
- Cleaner shaft & mixer cleaner
- On-board tools, Operating Instructions



VR 1



Technical data

	230 Volt FU	400 Volt	230 Volt/ 400 Volt
Drive:	230 V/ 50 Hz/ 3 kW 355 rpm	400 V/ 50 Hz/ 5,5 kW 400 rpm	400 V/ 50 Hz/ 5,5 kW 400 rpm or 230 V/ 50 Hz/ ca. 3 kW 355 rpm
Connection:	230 V/ 16 A	400 V/ 32 A	400 V/ 3 x 20 A inert
Fuse Protect:	1 x 16 A inert	3 x 20 A inert	230 V/ 1 x 16 A inert
Water connection:	3/4" at least 2,5 bar with machine running		
Delivery rate:	3 - 20 l/min*	6 - 40 l/min*	3 - 40 l/min*
Delivery range:	10 - 15 m	depending on hose diameter up to 50m	depending on hose diameter up to 50m
Operating pressure:	max. 20 bar	max. 30 bar	max. 30 bar
Air compressor:	230 V/ 50 Hz 0,6 kW/ 0,18 Nm ³ /min	400 V/ 50 Hz 0,9 kW/ 0,25 Nm ³ / min	230 V/ 50 Hz 0,6 kW/ 0,18 Nm ³ / min

* depending on material, hose length and pump type

Weights

Complete machine:	188 kg
Complete mixing tube:	23 kg

Dimensions

Length:	1520 mm
Width:	660 mm
Height:	1150 mm
Filling height:	995 mm
Funnel content:	approx. 75 liters

12 **The machine can be supplied for any required voltage with frequency converter or switchable.**

VR 6



Technical data

- Drives: Pump motor: 400 V/ 50 Hz/ 5,5 kW/ 400 rpm
Star wheel motor: 400 V/ 50 Hz/ 0,55 kW/ 28 rpm
- Connection: 400 V/ 32 A
- Fuse protection: 3 x 25 A
- Water connection: 3/4" at least 2,5 bar with machine running
- Delivery rate: 5-85 l/min depending on pump type 22 l as standard
- Delivery distance: Hose diameter 25 mm max. 30 m
Hose diameter 35 mm max. 50 m
Floating screed up to 80 m
- Operating pressure: max. 30 bar
- Air compressor: 0,9 kW/ 0,25 Nm³/min

Weights

Complete machine:	272 kg
Compressor:	23 kg
Mixing pump:	92 kg
Basic body:	157 kg

Dimensions

Length:	1120 mm
Width:	730 mm
Height:	1500 mm
Filling height:	910 mm
Funnel content:	150 liters

**The machine can be supplied for any voltage required.
optionally also switchable**

VR 8



Technical data

Drives:	Pump motor:	400 V/ 50 Hz/ 5,5 kW/ 400 rpm
	Feed shaft motor:	400 V/ 50 Hz/ 1,1 kW/ 51 rpm
Connection:		400 V/ 32 A
Fuse protection:		3 x 25 A
Water connection:		3/4" at least 2,5 bar with machine running
Delivery rate:		5-85 l/min depending on pump type 22 l as standard
Delivery distance:		Hose diameter 25 mm max. 30 m Hose diameter 35 mm max. 50 m Floating screed up to 80 m
Operating pressure:		max. 30 bar
Air compressor:		0,9 kW/ 0,25 Nm ³ /min

Weights

Complete machine	251 kg
Compressor:	23 kg
Complete mixing tube:	75 kg

Dimensions

Length:	1420 mm
Width:	660 mm
Height:	1545 mm
Filling height:	1010 mm
Funnel content:	92 liters

**The machine can be supplied for any voltage required.
optionally also switchable**





02 Mortar Pumps

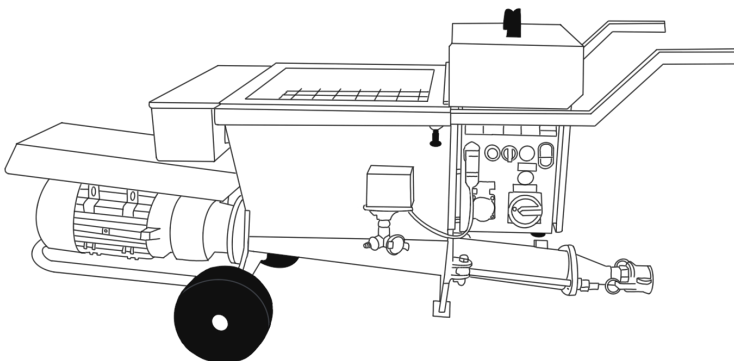
Everything at a glance!

The **VR2** FU is a plaster and mortar pump.

Different materials can be processed, such as:
Mortar, flowing screed, various plasters, adhesives,
insulating plasters, gypsum-lime plasters, cement
plasters and much more.

Basic equipment

- Eccentric screw pump D 6-3
(all D pumps can be used)
- Mortar pressure gauge
- On-Board Tool kit
- Operating instructions

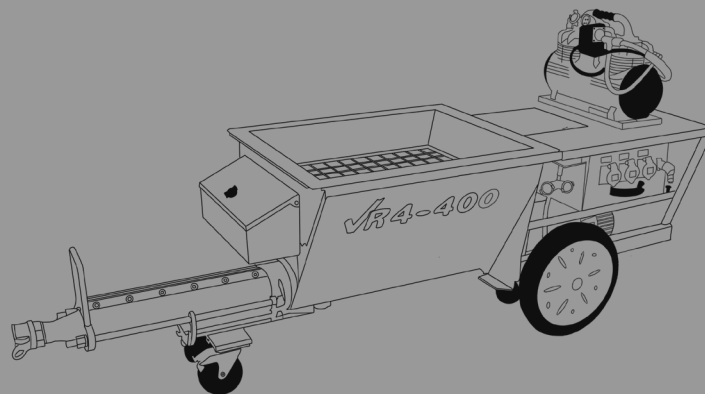


The **VR 4 - 400** is a plaster and mortar pump.

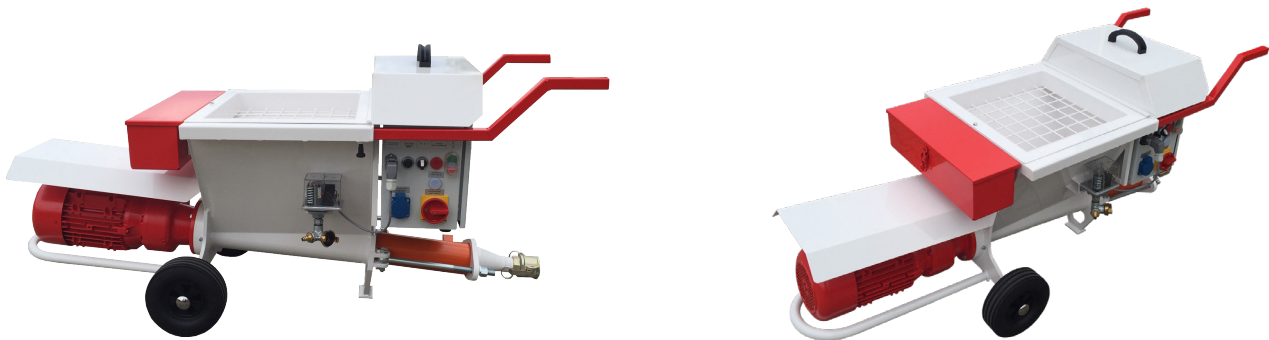
Many different materials can be processed, such as:
Mortar, flowing screed, various plasters, adhesives,
insulating plasters, gypsum-lime plasters, cement
plasters and much more.

Basic equipment

- Eccentric screw pump 2L6 for 6-8 mm
- Mortar pressure gauge
- On-board tool kit
- Instruction manual



VR 2



Technical data

Drive:	Geared motor 5,5 kW 400 Volt, 50 Hz
Power supply:	400 Volt / 32 A
Fuse protection:	20 A min.
Material flow rate:	5-85 l/min, depending on the material, consistency und pump type
Working pressure:	max. 25 bar
Weight:	approx. 97 kg

Our advantages

- Multi-purpose pump with and without mixer
- Robust construction
- Control via air or remote control
- Variable delivery rates, adjustable by potentiometer

**The machine can be supplied for any voltage required.
optionally also switchable**

VR4 - 400



Technical data

	Pumpe VR 4 FU	with pan mixer
Drives:	Planetary Gear motor 7,5 kW 400 Volt, 87 Hz	Geared motor 2,2 kW, 400 Volt, 50 Hz
Power connection:	400 Volt / 32 A	
Fuse protection:	25 A	
Material feed rate:	5-85 l/min, depending on the material, consistency und pump type	
Working pressure:	max. 25 bar	
Tank volume:	100 l	80 l
Weight:	187 kg	189 kg
Hopper height:	620 mm	1150 mm
Length:	2100 mm	
Width:	680 mm	
Height:	695 mm	1200 mm

Our advantages

- High flow rates over long distances
- Multi-purpose pump with and without mixer
- Robust construction
- Control via air or remote control
- Variable flow rates, adjustable by potentiometer

**The machine can be supplied for any voltage required.
optionally also switchable**



03 Continuous Flow Mixer

VR 230 Volt



The **VR230 Volt** continuous mixer processes all commercially available dry ready-mix mortars such as: Masonry mortar, plaster, fine concrete, adhesive, filler, screed, etc. Depending on requirements it is possible to use bagged material or to process silo material by means of a commercially available dry conveying system.

Technical data

Drive:	30 V / 50 Hz/ 2,2 kW
Connection:	230 V
Fuse protection:	16 A
Connected load:	6 A
Water connection:	3/4" mind. 2,5 bar
Mixing capacity:	20-25 l/min

Basic Equipment

- On-Board tool kit
- Operating Instructions

Weight

complete machine:	105 kg
-------------------	--------

Dimensions

Length:	1600 mm
Width:	690 mm
Height:	995 mm

additional versions

VR 2302

Our advantages

- Reduced cleaning work
- Less material residues
- Easy handling due to weight reduction



Weights

Complete machine: 83 kg

Dimensions

Length: 1120 mm
Width: 640 mm
Height: 995 mm

VR 2303

Our advantages

- Simplified cleaning
- Low wear due to PU mixing tube
- Adhesive mortar
- Rack attachment possible



Weight

Complete machine 90 kg

Dimensions

Length: 1660 mm
Width: 640 mm
Height: 875 mm/ 1175 mm

VR 400 - 3



The **VR400-3** continuous mixer processes all commercially available dry ready-mix mortars such as e.g. masonry mortar, plaster, fine concrete, adhesive, filler, screed. Depending on the requirements, it is possible to process bagged material or, by means of a commercially available dry conveying system silo material can be processed. The rubber mixing tube simplifies cleaning and reduces wear. less wear and tear is possible.

Technical data

Drive:	400V/ 50 Hz/ 3kW
Connection:	400 V
Fuse protection:	16 A
Water connection:	3/4" mind. 2,5 bar
Mixing capacity:	25-50 l/min
Tank volume:	approx. 110 liters

Basic Equipment

- On-Board Tool Kit
- Instruction manual

Weight

Complete machine:	110 kg
-------------------	--------

Dimensions

Length:	1875 mm
Width:	670 mm
Filling height:	ca. 970 mm
Discharge height:	ca. 650 mm





04 Conveying Systems

Everything at a glance!

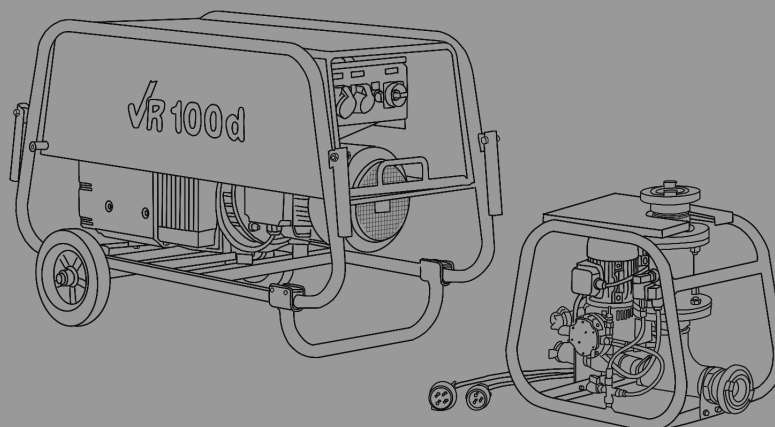
Pressure Conveying Systems

The **VR 100/ 140d portable** is a pneumatic conveying system. It operates automatically and is used to feed plastering machines and other dry mortar processing machines.

The **VR 100/ 140d mobile** is a pneumatic conveying system. It operates automatically and is used to feed plastering machines and other dry mortar processing machines.

The following advantages characterize the VR 100/ 140d:

- very large conveying distances
- easy to operate conveying system
- high conveying capacity



Free Fall Conveyor Systems

The **TFA 100/ 140 portable** is a pneumatic conveying system. It operates automatically and is used to feed plastering machines and other dry mortar processing machines.

Advantages: very large conveying distances, easy-to-operate conveying system and high conveying capacity.

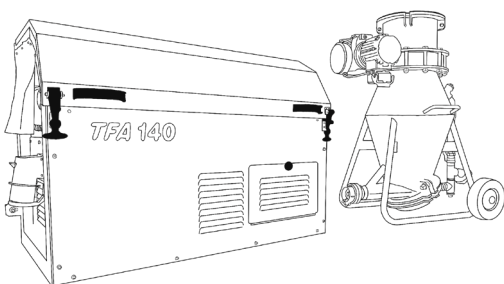
The **TFA 100/ 140 mobile** is a pneumatic conveying system. It operates automatically and is used to feed plastering machines and other dry mortar processing machines. The system is mounted on a spacious trailer with a GRP cover, which offers a lot of additional storage space.

Advantages: very large conveying distances, easy-to-operate conveying system and high conveying capacity.

The **TFA 100/ 140 Silo** is a pneumatic conveying system. It operates automatically and is used to feed plastering machines and other dry mortar working machines.

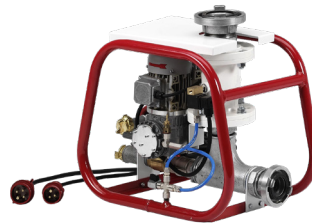
The following advantages characterize the TFA 100/140:

- very large conveying distances
- easy to operate conveying system
- high conveying capacity



VR 100 / 140d portable

Pressure Conveying Systems



Technical data

Compressor:	Air capacity: 100 cbm/h / 140 cbm/h Drive: 400 V / 50 Hz / 5,5 / 7,5 kW
Conveying vessel:	Compressor: 400 V / 50 Hz Pinch valve for control
Control cabinet:	Complete monitoring of the conveying system
Connected loads:	32 A / 5 pole / 20 A inert

Weight

System cpl. without accessories:	198 kg
Conveyor block:	26 kg

Dimensions

Length:	800 mm
Width:	700 mm
Height:	780 mm

Accessories

- Control cabinet
- Rotary compressor 100/140 cbm/h dry rotor
- Conveying block
- Connecting hose

Optional

- Comfort - fullautomatic silo pressure monitoring
- PVC transport hose NW45
- Rubber transport hose NW42
- Control cable
- Injection cover

This aggregate is available with 100 cbm/h & 140 cbm/h air capacity

VR 100 / 140d mobile

Pressure Conveying Systems



Technical data

Compressor:	Air capacity 100 cbm/h / 140 cbm/h Drive: 400 V / 50 Hz / 5,5 / 7,5 kW
Conveyor block:	Compressor: 400 V / 50 Hz
Control cabinet:	Complete monitoring & control of the conveying system
Electrical connection:	400 Volt / 50 Hz, 3 Ph
Fuse protection:	16 A / 25 A
Connection:	16 A, 5-pole / 32 A, 5-pole

Weight

Depending on trailer selection

Dimensions

Length:	2500 mm
Width:	1595 mm
Height:	1390 mm

Accessories

- Control cabinet with automatic direction of rotation
- Rotary compressor 100/140 cbm/h dry rotor
- Conveyor block
- Connecting hose

Optional

- Comfort - full automatic silo pressure monitoring
- PVC transport hose NW45
- Rubber transport hose NW42
- Control cable
- Injection cover

TFA 100/ 140 portable

Free Fall Conveyor System



Technical data

Compressor:	Air capacity: 100 cbm/h / 140 cbm/h Drive: 400 V / 50 Hz / 5,5 / 7,5 kW
Conveying vessel:	Hinged drive: 400 V / 50 Hz / 0,18 kW Capacity: approx. 55 l
Control cabinet:	Complete monitoring of the conveying system
Connected loads:	32 A / 5 pole / 20 A inert

Dimensions

Length:	3110/ 2060mm
Width:	1570 mm
Height:	1480 mm

Weights

System cpl. without accessories:	approx. 575 kg
Conveying vessel:	88 kg

Accessories

- Control cabinet with automatic direction of rotation
- Rotary compressor 100/140 cbm/h dry rotor
- Conveying vessel
- Connecting hose

Optional:

- PVC transport hose NW45
- Rubber transport hose NW42
- Control cable
- Injection cover

This unit is available with 100 cbm/h & 140 cbm/h air capacity

TFA 100 / 140 fahrbar

Free Fall Conveyor System



Technical data

Compressor:	Air capacity: 100 cbm/h / 140 cbm/h Drive: 400 V / 50 Hz / 5,5 / 7,5 kW
Conveying vessel:	Hinged drive: 400 V / 50 Hz / 0,18 kW capacity: approx. 55l
Control cabinet:	Complete monitoring of the conveying system
Connected loads:	32 A / 5 pole / 20 A inert

Weights

Depending on trailer design

Dimensions

Length:	1200 mm
Width:	800 mm
Height:	780 mm

Accessories

- Control cabinet with automatic direction of rotation
- Rotary compressor 100 cbm/h dry rotor
- Conveying vessel
- Connecting hose

Optional

- PVC transport hose NW45
- Rubber transport hose NW42
- Control cable
- Injection cover

This unit is available with 100 cbm/h & 140 cbm/h air capacity



TFA 100/ 140 Silo

Free Fall Conveyor System



Technical data

Compressor:	Air capacity: 100 cbm/h / 140 cbm/h Drive: 400 V / 50 Hz / 5,5 / 7,5 kW
Conveying vessel:	Hinged Drive: 400 V / 50 Hz / 0,18 kW Capacity: approx. 55 l
Control cabinet:	Complete monitoring of the conveying system
Connection loads:	32 A / 5 pole / 20 A inert

Weights

System complete without accessories:	345 kg
Conveying vessel:	89 kg

Dimensions

Length:	1150 mm
Width:	600 mm
Height:	755 mm

Accessories

- Control cabinet with automatic direction of rotation
- Rotary compressor 100/140 cbm/h dry rotor
- Conveying vessel
- Connecting hose





05 Mineral Foam Systems

Mineral Foam Systems

The mineral foam plants enable the production of lightweight concrete. They correspond to the latest state of knowledge and are manufactured according to the generally valid manufacturing standards as well as the EC directives.

Functionality:

The aggregates are premixed in the mixing tank - water, cement, sand, fly ash, polystyrene, and many others. Foam is then added via the integrated foam generator. After a short mixing time, the finished mineral foam is pumped to the processing site via an eccentric screw pump.

Technical data

Conveying pump:	Planetary gear motor 230/400 V / 50 Hz / 5,5 kW / 320 rpm
Mixer:	Geared Motor 230/ 400 V / 50 Hz / 3kW / 70,5 rpm
Water pump:	230/ 400 V / 50 Hz / 0,55 kW
Foam concentrate pump:	230/ 400 V / 50 Hz / 1,1 kW
Compressor:	230/ 400 V / 50 Hz / 2,2 kW
Utilization volume:	1000 l
Capacity:	4-8 m ³
Foam output:	250-700 l/min
Foam density:	20-80 g/l
Transport distance:	horizontal: 60-100 m vertical: 20-40 m
Power:	18 kW

Weight

Machine complete without accessories: approx. 850 kg

Dimensions

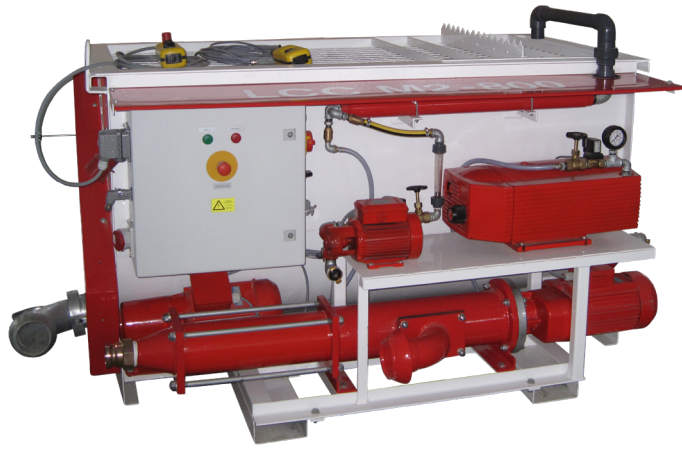
Length:	1930 mm
Wide:	1480 mm
Hight:	1070 mm

more informations

The conveying capacity can be changed by using different eccentric screw pumps. Furthermore, the materials to be conveyed or the material densities or consistencies have a great influence on the conveying distance and the conveying capacity.

The standard version of the mineral foam plant is already able to process most of the mixing recipes.

In individual cases, special equipment is required. Please contact us and we will be pleased to offer you the appropriate additional equipment such as remote switches, cement screw conveyors, sand screw conveyors, frames with weighing cells, automatic feeders and much more.



standard



semi - automatic



full - automatic



06 Paint Spraying System

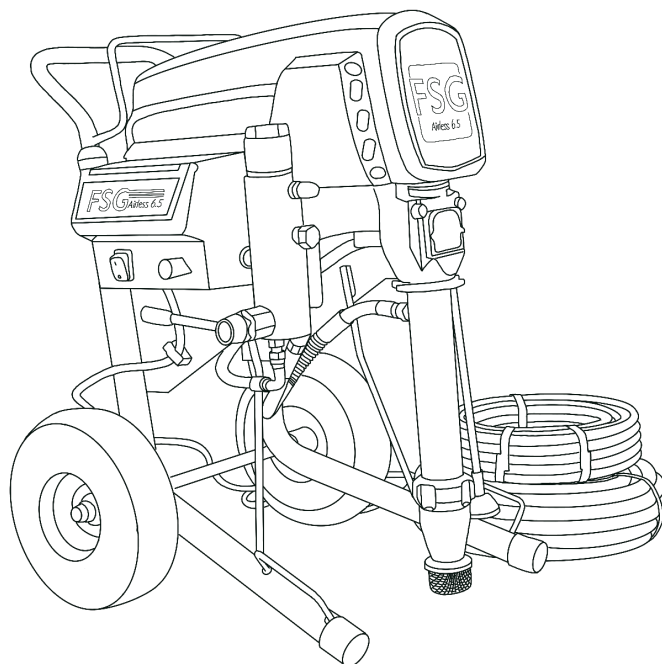
Everything at a glance!

The **FSG 6.5** airless paint spraying system with a piston pump has been specially professional use in new construction, for major renovation work or even for medium-sized objects.

A high delivery rate is achieved when the use of highly viscous or filled coating materials. Thus, an optimal technical result can be guaranteed.

Basic equipment

- Nozzle set
- Spray gun
- Maintenance kit
- High pressure hoses



FSG 6.5 with piston pump



Technical data

Maximum delivery pressure:	227 bar
Maximum delivery rate:	6,5 liters/ min
Maximum nozzle size:	0,041"
Voltage:	220 - 250 V ~ 50/60 Hz
Power:	4 kW

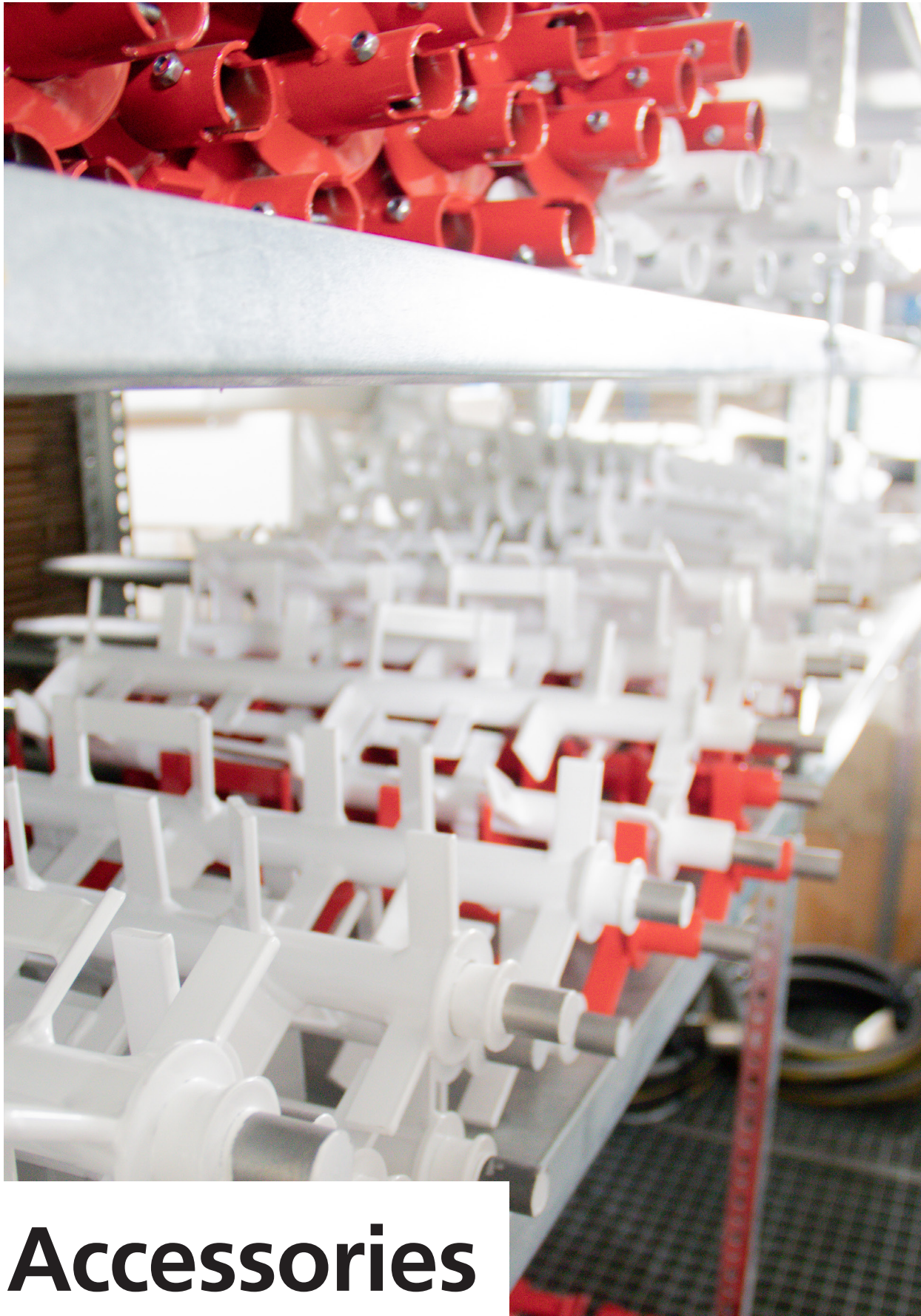
LED-Display with automatic pressure control for an even spray pattern.

Weight

Machine:	58 kg
----------	-------

Materials

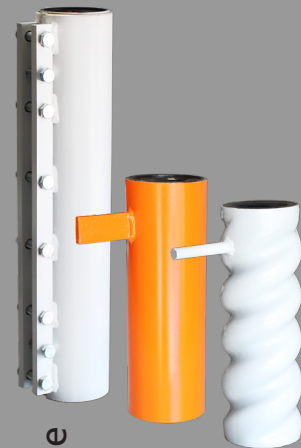
- Primer, undercoat, base coat, filler, anti-rust paint
- Emulsion and latex paint
- Facade paint
- Silicate paint
- Lime paint
- Airless spray filler (sprayable, premixed filler and similar and similar high-viscosity coating materials)
- Fire protection coating
- Roof coating
- Wood preservative
- Oils
- Stains
- Disinfectants



06 Accessories

Rotors & Stators

We offer rotors and stators in the following designs B, C, D, R and L (MAXI) tensionable, maintenance-free or turned



tensionable

maintenance-free

turned



		Lime/Cement plaster		Gypsum plaster	Lightweight plaster	Insulating plaster	Clay plaster	Scraper plaster	Fine filler		Floor filler-mass	finish plaster		adhesives	Reinforcement	Walls	Mortar			Screed	Becocontact	Dispersion-colour	Construction site address
		Fine grain	Coarse grain						mineral	pasty		mineral	pasty				Fire protection	Concrete repair	Flow screed				
D-series																							
D3-4	maintenance-free								X	X													
D3-4	tensionable	X										X	X								X		
D4-2	tensionable			X	X													X				X	
D4-3	turned								X	X													
D4-3	tensionable		X							X	X												
D5-2,5	turned	X		X	X																		
D5-2,5	maintenance-free	X		X	X						X												
D6-3	turned	X		X	X																		
D6-3	maintenance-free	X		X	X																		
D6-3	tensionable		X					X												X		X	
D7-2,5	turned	X		X	X			X															
D7-2,5	tensionable	X		X	X	X							X										
D7-2,5	maintenance-free	X		X	X		X	X												X		X	
D8-1,5	turned	X		X	X																		
D8-1,5	maintenance-free		X														X						
D8-2	tensionable	X		X	X							X											
D8-2	turned	X		X	X																		
D8-2	maintenance-free	X		X	X																		
B-series																							
B4-1,5L	maintenance-free	X		X	X					X	X										X		
B4-1,5L	tensionable	X		X	X						X	X									X		
B4-2L	maintenance-free			X	X																		
B4-2L	tensionable			X	X																		
B4-2L	maintenance-free			X	X																		
B4-2L	tensionable			X	X																		
B4-2L	maintenance-free			X	X																		
B4-2L	tensionable			X	X																		
C-series																							
C4-2	maintenance-free	X		X	X					X	X										X		
C4-2	tensionable	X		X	X					X	X										X		
R-series																							
R7-1,5	tensionable																				X		
R7-2,5	tensionable		X					X													X		
R7-3	maintenance-free										X												
R7-3	tensionable																						
R7-3S	maintenance-free																						
R7-3S	tensionable																						
R8-1,5	tensionable		X																		X		
R8-2	tensionable																						
R8-3	tensionable																						
R9-1,5	tensionable																					X	
R9-2	tensionable																				X		
MAXI-series																							
ZL-6	tensionable	X	X																		X		X
ZL-6+++	tensionable	X	X																		X		X
ZL-8	tensionable																				X		X

Special Equipment & Wearing Parts



Each of our machines are varied and adapted according to customer requirements. Through our flexible manufacturing, it is possible for us to find the right solution for you directly. In addition to our basic equipment we offer extensions such as:

- Water pump
- Elevations for all common machine types/ attachments Post-mixer
- Injection covers
- Rotary wing probes
- Hoses (different lengths)
- Spraying equipment
- and much more

Color preference?

Individual color designs on request.



Spare parts and Repair service

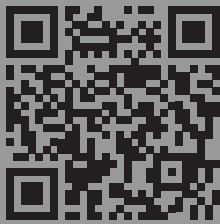


Due to the close cooperation with our retailers all over Germany, we are there for you locally.

For repairs and spare parts, please contact your local retailer.

Your local specialist retailer:

V.E.P. Baumaschinen GmbH
Fedor-Schnorr-Straße 23
08523 Plauen



www.v-e-p.net
info@vep-baumaschinen.de

