



Putzmeister



S 5 Worm pumps

You've got a job to do? Here's the right machine for it!

No two jobs are the same. The number of different materials is almost unimaginable and conditions on the construction site are never the same. As a result, very high demands are placed on the machines used. Our S 5 worm pumps are all-round plastering machines that can tackle almost any task.

Infinite number of possible applications

- Base coat plaster (interior and exterior)
- Scraped and floating render
- Sprayed and textured render
- Rough trowel finish render and bonding layers
- Masonry mortar
- Fire proofing
- Sealing slurry
- Injection mortar and filling mortar
- Dispersion plaster
- Glass-fibre-reinforced concrete
- Cementitious adhesive
- Repair mortar and Insulating plaster
- Loam rendering
- and much more



Exterior plaster



Interior plaster



Fire proofing



Coating concrete foundations



Filling steel columns



Bridge refurbishment



Making fibre-reinforced concrete slabs



Injecting



Clay mortar

Basic version S 5 EV

The modular system of the S 5 is based on a worm pump with a powerful 5.5 kW drive. The basic version is particularly suitable for users who pump and spray pumpable wet mortars with **grain sizes of up to 6 mm**.

It forms the basis for the enhanced S 5 EVTM version with pan mixer. And the good news is that you can also **upgrade the S 5 EV later** to increase its performance capabilities.

The TM version (S 5 EVTM) has an integrated pan mixer for high-quality mixes.

The large hopper of the S 5 has a grille with a safety switch and holds a huge 100 litres. This allows the material to be processed quickly. The safety grille can be opened extremely wide, so that it is easy to access the conveyor hopper (e.g. for cleaning).

A sturdy metal plate on the S 5 protects the motor and gearbox from dirt.



Depending on the requirements of the job, you can modify the output of your S 5 very easily by changing the relevant worm parts. The rotor of the S 5 is not bolted in place, but instead simply pushed on. This means that you don't need any tools to change the pump, thus saving you valuable time.

The handy rotary wheel regulates the pump speed and therefore the delivery rate.



The central switchbox on the S 5 also acts as a power distributor for attached devices, e.g. mixers or compressors.

S 5 EVTM worm pump with integrated pan mixer

This variant is used wherever materials are being processed that need to be mixed particularly intensively. The pan mixer (TM 100) has a capacity of 80 l and an electric drive with 2.2 kW of power. The size of the material hopper and mixer are ideally matched to each other.

- The ingenious arrangement of the mixing tools provides an optimum and extremely homogeneous mixing result
- The low filling height makes filling from sack or shovel easy
- To clean the pan mixer, simply fold up the lid

Standard equipment and accessories

S 5 EV

S 5 EVTM

Model	Basic version	with pan mixer
Worm pump	2L6	2L6
Delivery rate*	7-40 l/min	7-40 l/min
Delivery pressure	25 bar	25 bar
Delivery range**	up to 60 m	up to 60 m
Delivery height**	up to 40 m	up to 40 m
Drive motor	5.5 kW, 400 V, 50 Hz	5.5 kW, 400 V, 50 Hz
Mixer drive	—	2.2 kW
Hopper volume	100 l	100 l
Length	2,290 mm	2,505 mm
Width	680 mm	680 mm
Height	650 mm	1,150 mm
Weight	190 kg	400 kg
Max. grain size	6 mm	6 mm
Pressure connection	M 50	M 50
Standard equipment	Wheel set with solid rubber tyres, standard tools, operating manual	Identical to S 5 EV, but with integrated pan mixer

Supplementary equipment

- Cable remote control
- Pneumatic remote control
- Vibrating screen (only S 5 EV)

Recommended accessories

- **For site-made mixes**
Complete set for 40 m hose
628 607
- **For fine plaster (4 mm grain size)**
Complete set for 20 m hose
628 613
- **For premixed dry mortar**
Complete set for 30 m hose
628 617
- **For filling anchor elements**
Complete set for 20 m hose
628 616
- **For concrete restoration**
Complete set for 40 m hose
628 619
- **For spraying glass-fibre-reinforced concrete**
Complete set for 10 m hose
542 935

* The delivery rate is theoretical and depends on the pump pressure.

** The data is based on experience and depends on the material properties.

Full details of the sets can be found in our main catalogue.

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