

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

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.

1. S 5^{EV} basic version

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.

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.



Exterior plaster



Interior plaster



Filling the S 5^{EVTM} with a shovel



Fire proofing



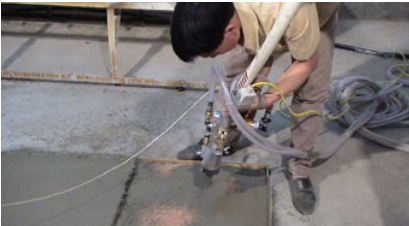
Coating concrete foundations



Bridge refurbishment



Filling steel columns in a car park



Making fibre-reinforced concrete slabs



Injecting



Clay mortar

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

- 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

S 5 Worm Pumps



Standard equipment and accessories for the S 5

Model	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. particle size	6 mm	6 mm
Pressure connection	M 50	M 50
Cat. no.	111 452.310	111 452.330

* Data depends on material and equipment.

Additional equipment for the S 5

Pan mixer TM 100	111 353.002	GEKA coupling 1/4"	207 969.009
Chassis F 80, 750 kg, incl. certified inspection	208 932.006	Compressed-air remote control assembly	465 951
Vibrating sieve MW 10, 400 V, 50 Hz (not EF)	208 322.001	Cleaning port M35 / GEKA	070 692.008
Compressor HANDY, 250 l/min, 400 V / 50 Hz 3-phase	000 235.008	Reducer coupling V 35-V25-40	207 795.008
Compressor V-MEKO 400, 360 l/min, 400 V / 50 Hz 3-phase	205 767.009	Test pressure gauge DN 25-40	208 745.002
Compressor 590 l/min, 10 bar, 20 l air accumulator, 3 kW, 400 V, 50 Hz	213 264.002	Supply cable with CEE connector, 32 amp.	062 921.004
		Remote control cable extension, 20 m	470 037

S 5^{EV} standard equipment

Wheel set with pneumatic tyres, 20 m electric cable remote control, standard tools, operating manual.

S 5^{EVTM} standard equipment

Identical to S 5^{EV}, but with integrated pan mixer and wheel set with solid rubber tyres.

Recommended accessories for the S 5

- **For site-made mixes**
Complete set for 40 m hose 533 118
- **For fine plaster (4 mm grain size)**
Complete set for 20 m hose 533 119
- **For premixed dry mortar**
Complete set for 30 m hose 533 120
- **For filling anchor elements**
Complete set for 20 m hose 533 121
- **For premixed dry mortar**
Complete set for 30 m hose 533 122
- **For spraying glass-fibre-reinforced concrete**
Complete set for 10 m hose 533 124

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

Putzmeister Mörtelmaschinen GmbH

Max-Eyth-Straße 10 · D-72631 Aichtal
P.O.Box 2152 · D-72629 Aichtal · Germany
Tel. +49 (0) 71 27 599-0 · Fax +49 (0) 71 27 599-743
www.pmmortar.com · mm@putzmeister.de

