

S 5 worm pumps –

The modular system of the S 5 is based on a worm pump with a powerful 5.5 kW drive. 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.

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

1. S 5^{EV} basic version

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.

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.



Filling the S 5^{EVTM} with a shovel



Fire proofing



Coating concrete foundations

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



The safety grille can be opened extremely wide, so that it is easy to access the conveyor hopper (e.g. for cleaning).



The plugged cardan shaft makes it extremely easy to replace the rotor and stator.

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 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

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



3. S 5^{EF} for liquid screed

This version is equipped with a powerful continuous drive. Its output is an impressive 90 l/min. It has also a large vibrating sieve with an integrated electric vibrator. This makes it particularly suitable for pumping liquid screed.



The S 5^{EF} has the most powerful drive in the S 5 series. Together with the standard 2L74 conveyor parts, it provides a constant 90 l/min from the outset – ideal for larger surfaces.



Liquid screed with the S 5^{EF}

The hopper of the S 5^{EF} holds 130 litres. It is supplied from a truck mixer or flow-type mixer under a silo.

Model	S 5 ^{EV}	S 5 ^{EVTM}	S 5 ^{EF}
Model	Basic version	with pan mixer	Liquid screed version
Worm pump	2L6	2L6	2L74
Delivery rate*	7-40 l/min	7-40 l/min	90 l/min
Delivery pressure	25 bar	25 bar	25 bar
Delivery range**	up to 60 m	up to 60 m	up to 60 m
Delivery height**	up to 40 m	up to 40 m	up to 40 m
Drive motor	5.5 kW, 400 V/ 50 Hz	5.5 kW, 400 V/ 50 Hz	7.5 kW, 400 V/ 50 Hz
Mixer drive	–	2.2 kW	–
Hopper volume	100 l	100 l	130 l
Length	2,290 mm	2,505 mm	2,610 mm
Width	680 mm	680 mm	680 mm
Height	650 mm	1,150 mm	650 mm
Weight	190 kg	400 kg	260 kg
Max. particle size	6 mm	6 mm	10 mm
Pressure connection	M 50	M 50	M 50
Part no.	111 452.310	111 452.330	111 452.090

* The delivery rate depends on the pump model. Depending on the pump used, the delivery rate may be higher or lower.

** The data is based on experiences and depends on the used materials.

If it has to do with mortar

If you need an "all-round plastering machine", you may search a long time, because nowadays most machines have a very specific field of application.

The S 5 worm pumps from Putzmeister are a very rare exception. They are universal machines that can be used both for standard work and for special jobs.

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
- Filling mortar
- Dispersion plaster
- Glass-fibre-reinforced concrete
- Cementitious adhesive
- Repair mortar
- Insulating plaster
- Loam rendering
- Liquid screed
- and much more

Thanks to this versatility and their robust construction, these machines can be used throughout the world in even the most arduous of construction site conditions without any problem.



Exterior plaster



Interior plaster



Brick walls



Filling steel columns in a car park



Clay mortar



Injecting



Bridge refurbishment



Making fibre-reinforced concrete slabs

S 5 worm pumps



Real universal plastering machines are rare. However, Putzmeister S 5 worm pumps come very close to this ideal.

Their versatility and reliability are inspiring users in all sectors throughout the world.

Standard equipment and accessories for the S 5

S 5^{EV} standard equipment

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

S 5^{EF} standard equipment

Identical to S 5^{EV}, but with vibrating sieve and vibrator.

S 5^{EV™} standard equipment

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

Additional equipment for the S 5

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

Recommended accessories for the S 5

■ For site-made mixes		■ For filling anchor elements		■ For liquid screed (S 5^{EF} only)	
Complete set for 40 m hose	533 118	Complete set for 20 m hose	533 121	Complete set for 40 m hose	533 123
■ For fine plaster (4 mm grain size)		■ For premixed dry mortar		■ For spraying glass-fibre-reinforced concrete	
Complete set for 20 m hose	533 119	Complete set for 30 m hose	533 122	Complete set for 10 m hose	533 124
■ For premixed dry mortar					
Complete set for 30 m hose	533 120				

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

■ Putzmeister Mörtelmaschinen GmbH

is a member of the Putzmeister Group, headquartered in Aichtal near Stuttgart, Germany.

Since 1958, Putzmeister has been manufacturing and providing mortar machines, concrete pumps, tunnelling machines, industrial pumps, large robotics for cleaning complex systems and facilities as well as professional high-pressure cleaning systems worldwide.

This strong network offers users and sales partners ideal conditions in terms of competence, investment security and optimum service in all areas.



■ Your Putzmeister partner

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