

# S5

Worm Pump

**2MES**  
PUMP- MISCH- FÖRERSYSTEME GMBH



## The great universal worm pump S5 for almost all mortar applications

The universal worm pump S5EV with infinitely adjustable output from 7 to 40 l/min processes almost all kind of wet mortars up to 6mm grain size.

The S5EV is also available fitted with the pan mixer TM, e.g. to prepare homogeneous wet mixes from special dry mortars with long requested mixing time or even job site mixtures.

The S5EV guarantees highest performance with simple operation and ease of maintenance.



90221GB

### ► Fields of application

The S5EV is a powerful worm pump with electric drive. It will pump wet mixes up to 6mm grain size mixed by continuous mixers for bagged dry mortars, as well as paste-like materials out of buckets and mortars prepared with the optional pan mixer TM. The S5EV is suitable to pump all kind of pumpable ground coat plasters, trowel plaster, adhesive and reinforcement mortars, masonry mortar, refractory mortar, sealing suspensions, injection mortar, filling and anchoring mortar, dispersion plaster, fiber mortar, liquid screed, etc.

### ► Function

The pan mixer of the S5EVTM version prepares a wet mix mortar. Batch by batch open the flap of the TM to fill the hopper of the S5EV for a continuous pumping process. The S5 drive with electric motor and variable speed gear allows setting manually the speed of the pump rotor respectively the output of the pump. Operate the S5 with the start-stop push button at the control box of the S5 or at the cable remote control. An optional air remote control device allows to start/stop the pump by the air valve of the spray gun when doing spraying works with an additional compressor. Flexible hoses are connected at the outlet of the S5EV to pump the wet mixes for the required distance. A manometer fixed at the outlet of the pump shows the pumping pressure.

### ► Advantages

The S5EV, manufactured by Putzmeister Mörtelmaschinen GmbH, is powered by a 5.5kW electric motor to have the power for almost all kind of conditions and available rotors and stators. The mechanical gear box allows variable output adjustments according the application. Compared to piston pumps are worm pumps smooth without the feeling of strokes, simple to operate and cleaned in minutes. The S5EVTM version offers an electric driven pan mixer to comfortable prepare a homogeneous mixture on site. All controls are easy to reach for the operator. A cable remote control with 20m length is included in the scope of delivery. The protective grid is equipped with a safety switch, so the pump drive will stop immediately when opening. Optional available: mortar and air hoses, compressors, air remote control, spray and filling guns, nozzles, etc.

### ► Technical data

	S5EV	S5EVTM
Power supply	3~400V/50Hz	3~400V/50Hz
Output	7 - 40l/min	7 - 40l/min
Worm pump	2L6	2L6
Grain size	maximum 6mm	maximum 6mm
Pumping pressure	25bar	25bar
Pumping distance	up to 60m	up to 60m
Pumping height	up to 40m	up to 40m
Drive pump	5.5kW	5.5kW
Hopper volume	100l	100l
Drive mixer	-	2.2kW
Mixer capacity	-	80l
Outlet	M50	M50
Weight	190kg	400kg
Dimensions LxWxH	2290x680x650mm	2505x680x1150mm
Part no.	500050	500051
Standard equipment:	cable remote control, adaptor V50-M35, standard tools, documentation	pan mixer, cable remote control, adaptor V50-M35, standard tools, documentation



Partner of PUTZMEISTER Mörtelmaschinen GmbH

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