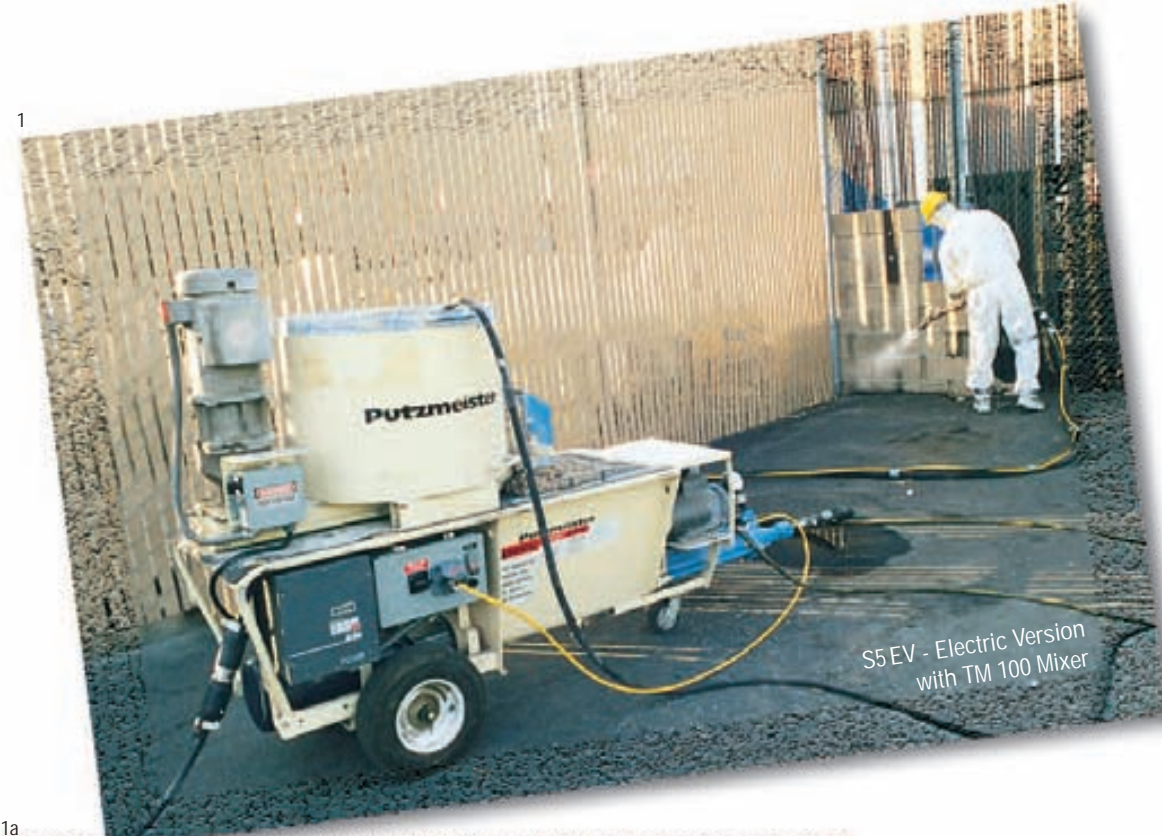


S5 Series

Versatile Rotor / Stator Pumps and Mixers



IDEAL FOR...

- Fireproofing
- Plaster / Stucco
- Injection Work
- Pipe and Manhole Relining
- EIFS
- Mortar and Grouts
- Pressure Grouting
- Floor Leveling Compounds
- Concrete Repairs
- Specialty Materials

S5 Series . The Ultimate in Versatility



Grout injection and backfilling



Fireproofing



Filling joints



Stucco work

SPECS	S5 EV (electric)	S5 G (gas)	TM 100	CM 928
Max theo output yd ³ /hr ft ³ /min lpm bags/hr	3.7 yd ³ /hr 1.7 ft ³ /min 48 lpm 23 bags/hr	3.4 yd ³ /hr 1.6 ft ³ /min 44 lpm 21 bags/hr	Mixer capacity 5.5 ft ³ (156L)	5.3 yd ³ /hr 2.4 ft ³ /min 67 lpm 33 bags/hr
Max theo pressure	360 psi (25 bar)	360 psi (25 bar)	—	—
Max pumping distance horizontal vertical	260' (80m) 195' (60m)	260' (80m) 195' (60m)	—	—
Hopper height	30" (762mm)	31" (787mm)	54.5" (1384mm)	52" (1320mm)
Outlet diameter	2" (50mm)	2" (50mm)	—	—
Pump size	2L88 (Super 2L6)	2L6	—	—
Volume control	Variable	4-Speed	—	—
Directional control	Reversing	Fixed	Reversing	Fixed
Power 208/230V	7.5 hp Elec 60Hz	18 hp Gas	3 hp Elec 60Hz	5 hp Elec 60Hz
Continuous full load amp draw @ 208V	24 amps 3 ϕ 42 amps 1 ϕ	—	10 amps 3 ϕ 18 amps 1 ϕ	17 amps 3 ϕ 30 amps 1 ϕ
Air compressor	10 cfm 2 hp motor 208/230V 60Hz	10 ft ³ /min	—	—
Continuous full load amp draw @208V	7 amps 3 ϕ 12 amps 1 ϕ	—	—	—
Dimensions (L x W x H)	96.5" x 27.5" x 31" (2450x700x788mm)	99" x 27" x 36" (2515x686x914mm)	46" x 28" x 32" (1168x711x813mm)	92" x 22" x 23" (2337x559x584mm)
On stand	—	—	—	92" x 30" x 48" (2337x762x1219mm)
Approx weight on stand	800 lbs (363kg)	800 lbs (363kg)	550 lbs (250kg)	350 lbs (160kg) 425 lbs (193kg)

More Features as Standard

- Fully adjustable rotor/stator pump
- "VFD" technology for easy single to three phase conversion*
- Variable volume control at nozzle with 125 ft (38m) cable*
- Electric control box designed to UL Standards using a NEMA 4 (weatherproof) enclosure
- Main disconnect switch*
- 10 cfm compressor with on/off control
- Material pressure gauge at outlet
- Variable speed motor with gear drive*
- Compact and narrow to pass through standard 30" (762mm) doorways and fit on elevators

* Electric versions only

S5 EV Control Box Features ■ Designed to UL standards ■ Remote control outlet with 125 ft (38m) cable ■ On/off control switch from nozzle with the ability to override the nozzle control ■ Switch for left or right rotation rotor/stator pumps to relieve line pressure if blockages occur ■ On/off switch for compressor shut off when not in use



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Putzmeister S5 ... Expect More from the Leader



New Technology, Better Features, Higher Productivity

Our compact yet powerful S5 pumps and mixers tackle a variety of materials with ease. And now, the S5 offers even longer life and the very highest productivity levels in the industry. This is a result of our specially engineered VFD technology, "adjustable" rotor/stator pumps and many other improved features. Rely on these highly versatile and reputable Putzmeister units to outperform and outlast all the rest.



S5 EV - Electric Version

The number one choice of asbestos abatement respray applicators in North America, our electric S5 now offers even more features — special VFD technology, variable speed motor with gear drive, variable speed remote control, reversing feature and more.



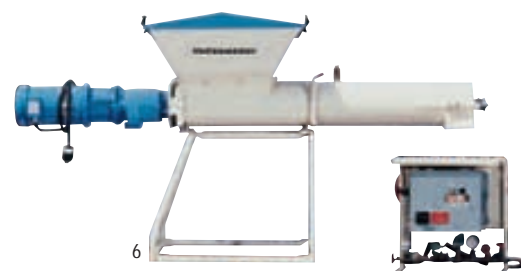
S5 G - Gas Version

Primarily for outside plaster and stucco, this 18 hp gas version is also popular for pressure grout, vermiculite, swimming pool finish and pipe line refurbishment. Four pump speeds allow precise control while a standard electric start provides added operator convenience.



TM 100 Mixer

Ideal for plaster, stucco, grouts and fireproofing materials, this highly versatile mixer features a paddle type mixing blade with rubber wipers and reversing feature for efficient mixing. Plus, it easily bolts on to the S5 EV for quick, convenient use.



928 Continuous Mixer

Ideal for fireproofers, this continuous mixer is also suited for mixes supplied in bags, containers or silos. Ready on demand, it maintains a steady consistent supply of material. A low water pressure cut off, pressure regulator and hopper cover are standard with a special bolt-on stand as optional.

Five Reasons Why Our "Adjustable" Rotor/Stator Pumps Work Better, Last Longer

1 A Putzmeister first — our innovative "adjustable" rotor/stator pump design. Our adjustable stators with specially slotted tubes can be tightened to the rotor. Preset at the factory to only 75% of their maximum pressure, several adjustments can be made as the rubber wears. This results in three to four times more life compared to nonadjustable pumps that start out at maximum pressure and lose volume and pressure immediately.



Putzmeister's special "adjustable" rotor/stator pumps provide 3 to 4 times more life than conventional ones.

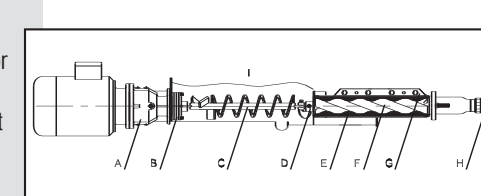
2 Unlike most "threaded" tubes, the S5 uses a spacer plate and tie rod system for quick and easy removal. This allows different size stator tubes to be used on the same machine.

3 Our clamping jacket and tube are two separate components so the clamping jacket can be reused again and again.

4 The S5 rotor and agitator are connected by a convenient bolt and nut assembly for easier access and disassembly.

5 Made only from the highest quality, Putzmeister stators are available in a variety of shore hardnesses and rubber compounds, including solvent resistant stator tubes. This allows pumping or spraying the widest range of materials possible.

- A - Gearbox
- B - Backup Rings
- C - Agitator
- D - Cardan Joint
- E - Adjustable Stator
- F - Rotor
- G - Clamping Jacket
- H - 2" Camlock
- I - Mortar Hopper



A Technology "Breakthrough"

VFD

A first and only to the rotor/stator industry is Putzmeister's use of VFD - Variable Frequency Drive - mounted on the unit next to the control box. VFD easily converts single phase electric power into more efficient and reliable three phase power to achieve maximum machine outputs and the highest productivity. To prevent motor damage, a low voltage sensor system automatically shuts down the unit if there's not enough voltage to the pump.



For maximum efficiency, VFD is a "must" for job sites that only have single phase electrical outlets.



Variable Speed Motor, No Belt Box

A variable speed motor with gear drive runs efficiently at any speed from 360 to 3,600 rpm. When the unit stops, the motor restarts at low speed and ramps back up to the last speed setting used. Thanks to VFD, this design both eliminates the belt box and reduces motor damage.



The Smoothest Nozzle Output

A convenient speed control at the nozzle lets operators adjust the material output electronically any time during pump operation. This eliminates manually operating a hand wheel at the pump.