

Putzmeister

S5 SERIES
VERSATILE ROTOR/STATOR PUMPS & MIXERS

S5 SERIES



S5 SERIES | THE ULTIMATE IN VERSATILITY

ADVANCED TECHNOLOGY, BETTER FEATURES, HIGHER PRODUCTIVITY, EFFICIENT, TROUBLE-FREE PERFORMANCE

PRODUCTIVE AND LONG-LASTING, OUR S5 SERIES PUMPS AND MIXERS ARE COMPACT YET POWERFUL, AND CAN TACKLE A VARIETY OF MATERIALS WITH EASE. OFFERING AN ARRAY OF CAPABILITIES, BOTH THE S5 GAS AND ELECTRIC WORM PUMPS HAVE VARIABLE CONTROL, AND CAN PUMP DRY MIX OR WET MORTAR FROM BAG OR SILO. THE ELITE PERFORMANCE OF OUR S5 ELECTRIC VERSIONS IS THE RESULT OF OUR SPECIALLY ENGINEERED VARIABLE FREQUENCY DRIVE (VFD) TECHNOLOGY. COUNT ON THESE HIGHLY VERSATILE PUTZMEISTER UNITS TO HELP YOU PERFORM AT A HIGHER LEVEL.

S5 EV | ELECTRIC VERSION

The number one choice of asbestos abatement respray applicators in North America, our electric S5 offers even more features — special Variable Frequency Drive (VFD) technology for infinite control from zero to full output, variable speed motor with gear drive, variable speed remote control, reversing feature and more.



S5 GH | GAS VERSION

Primarily for outside plaster and stucco, this 20 hp (15kW) gas version is also popular for pressure grout, vermiculite, swimming pool finish and pipe line refurbishment. This hydraulic drive offers the ease of fully variable output from zero to full volume and a reverse pump feature to relieve line pressure.



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.



CM 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.



EXPECT MORE FROM THE LEADER

FIVE REASONS WHY OUR ADJUSTABLE ROTOR/STATOR PUMPS WORK BETTER, LAST LONGER

1. 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.
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 TECHNOLOGY BREAKTHROUGH — VARIABLE FREQUENCY DRIVE (VFD)

A first and only to the rotor/stator industry is Putzmeister's use of Variable Frequency Drive (VFD) 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.



VARIABLE SPEED MOTOR, NO BELT BOX

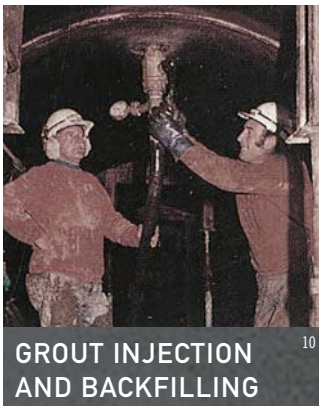
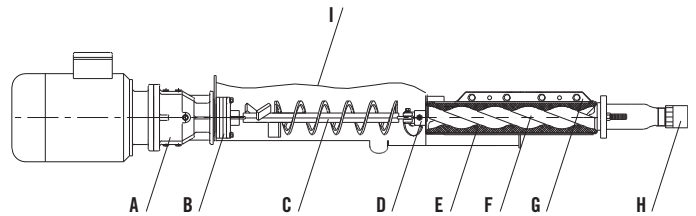
A variable speed motor with gear drive runs efficiently at any speed from 360 to 3,600 rpm. When the unit stops, the motor restarts at low speed and ramps back up to the last speed setting used. Thanks to VFD, this design both eliminates the belt box and reduces motor damage.

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.



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



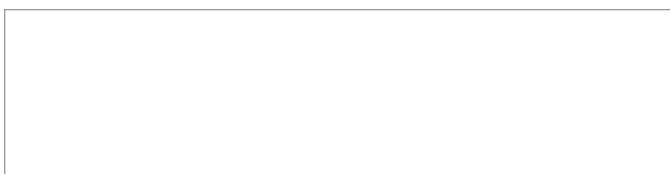
S5 SERIES SPECIFICATIONS

Performance	S5 EV (Electric)	S5 GH (Gas)	TM 100	CM 928	
Maximum Output*					
ft ³ /min	1.5 ft ³ /min	1.5 ft ³ /min	—	2.4 ft ³ /min	
lpm	44 lpm	44 lpm	—	67 lpm	
bags/hr	21 bags/hr	21 bags/hr	—	33 bags/hr	
Maximum Pressure*	360 psi (25 bar)	360 psi (25 bar)	—	—	
Maximum Pumping Distance					
Horizontal	260' (80m)	260' (80m)	—	—	
Vertical	195' (60m)	195' (60m)	—	—	
Volume Control	Variable	Variable	—	—	
Directional Control	Reversing	Reversing	Reversing	Fixed	
Technical Information					
Hopper Height	30" (762mm)	26" (660mm)	54.5" (1,384mm)	52" (1,320mm)	
Hopper Outlet Diameter	2" (50mm)	2" (50mm)	—	—	
Pump Size	2L88 (Super 2L6)	2L6	—	—	
Mixer Capacity	—	—	5.5 ft ³ (156L)	—	
Power					
208/230V	7.5 hp (5.5kW) Elec 60Hz	20 hp (15kW) Gas	3 hp (2kW) Elec 60Hz	5 hp (4kW) Elec 60Hz	
Continuous Full Load Amp Draw @ 208V	24 amps 3Ø 42 amps 1Ø	— —	10 amps 3Ø 18 amps 1Ø	17 amps 3Ø 30 amps 1Ø	
Air Compressor	10 cfm (283L/min), 2 hp (1.5kW) motor, 208/230V 60Hz	10 cfm (283L/min)	—	—	
Continuous Full Load Amp Draw @ 208V	7 amps 3Ø 12 amps 1Ø	— —	— —	— —	
Dimensions				W/O Stand	W/ Stand
Length	95.5" (2,426mm)	107" (2,718mm)	46" (1,168mm)	92" (2,337mm)	92" (2,337mm)
Width	28.5" (724mm)	28.5" (724mm)	28" (711mm)	22" (559mm)	30" (762mm)
Height	31" (788mm)	35" (889mm)	32" (813mm)	23" (584mm)	48" (1,219mm)
Weight (approx)	800 lbs (363kg)	750 lbs (340kg)	550 lbs (250kg)	350 lbs (160kg)	425 lbs (193kg)

- * These figures will vary due to differences in mix design, line size and job site conditions. Full pressure and volume cannot be attained simultaneously. All specifications are subject to change without notice.
- Additional pump sizes available, please consult factory.

Photos and drawings are for illustrative purposes only.

Authorized Distributor



S5 STANDARD FEATURES

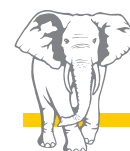
- Fully adjustable rotor/stator
- Material pressure gauge at outlet
- Fully enclosed weather-proof control panel
- Variable volume pump output
- On/off control at pump and nozzle
- Volume control at pump and nozzle
- Reverse control at pump for relieving line pressure
- 125 ft (38.10m) cable remote cord
- 10 cfm (20 lps) air compressor
- Compact and narrow to fit through 30" (762mm) doorways and on elevators
- High quality paint finish — yellow and gray

ADDITIONAL S5 EV STANDARD FEATURES

- VFD controlled gear motor drive
- Control panel designed to UL standards
- Low voltage monitor (42 amps/1Ø version)
- Main disconnect switch
- On/off switch for air compressor
- Mono-filled tires
- Spiral-type auger shaft
- 1-1/2" (38mm) hopper screen for fireproofing

ADDITIONAL S5 GH STANDARD FEATURES

- Hydraulic drive
- Reliable gasoline engine with electric start
- Hydraulic oil cooler
- Hydraulic sight gauge
- Emergency button with light
- Engine hour meter
- Pneumatic tires
- Paddle-type auger shaft
- 1/3" (11mm) hopper screen for plaster



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