

Mixing Pump SLU PRO 80



SLU PRO 80

Self-leveling underlayment requires a machine system that is optimized to satisfy the performance requirements of these high-performance materials. The SLU PRO 80 is a mixing-pump which is ideally suited for mixing and pumping all types of self leveling underlayments up to 6 mm. It offers lots of appropriate details which help you do your daily work reliable, fast and – first off all – help increase your profit.



Mixing Pump SLU PRO 80 – technical data

■ SLU PRO 80 standard equipment

Mixing auger and R8-1,5 rotor/ stator assembly maintenance free, mixing shaft, material hopper and safety grid, integral water booster pump, cable remote control pendant w/50' cord, cleaning tools, standard tools, flow meter up to 2,400 l/ h, operating manual and part list

■ Optional accessories

Mortar hoses:	
ID 25, 10 m	P-207 804.009
ID 25, 15 m	P-211 966.001
ID 25, 20 m	P-207 806.007
ID 35, 2 m	P-070 385.006
ID 35, 13.3 m	P-207 615.007
ID 35, 20 m	P-209 950.003
Electric remote control cable	P-269 447.006
60 m with ON/ OFF switch	
Extension 20 m	P-211 506.005
for electric remote control cable	
Dynamat additional mixer 2.2 kW, 632 UpM, with 2 m hose NW 35	P-111 511.006

■ Accessories for self-leveling underlayment processing

Niva pins	86 002
Nivcomp leveling instrument	86 001

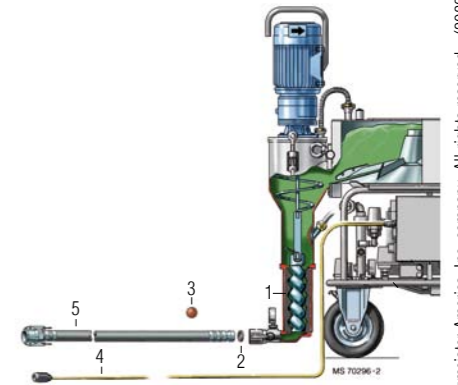
You can obtain information about other accessories on request.

■ Allentown Shotcrete Technology, Inc.

Founded 1913, Allentown is the industry leader in the design and manufacture of dry- and wet-process shotcrete equipment for Refractory, Under-ground, Mortar and Civil industries. Allentown Shotcrete Technology is a Putzmeister America, Inc. company and offers a wide range of Gunning Machines, Predampeners, Pumps, Combination Mixer-Pumps, Mixers, Nozzle Carriers, Mortar Machines and Concreting Machines.

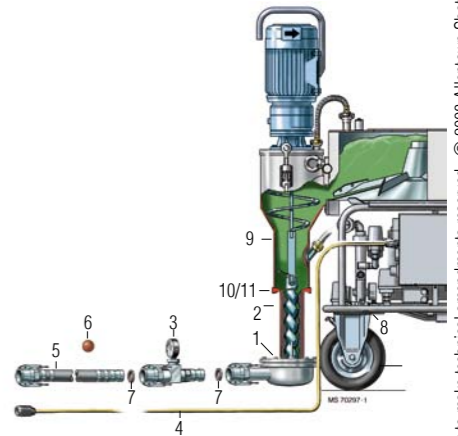
Accessories for self-leveling underlayment (up to 80 l/ min, 15 bar, 217 psi)

1x Pump parts R8-1.5 (1):	
– Stator	P-501 062*
– Rotor	P-500 850*
6x Gasket NW 35 (2)	P-213 725.004
5x Sponge ball NW 35 (3)	P-065 044.001
1x Electric radio remote control (4) with ON/ OFF switch	
– 20 m	P-269 446.007
– 60 m	P-269 447.006
1x Mortar hose NW 35, 13.3 m (5)	P-207 615.007



Accessories for self-leveling underlayment with unimixer (up to 34 l/ min, 30 bar, 435 psi)

1x Unimixer (1)	P-400 569
Pump parts D8-2 (2):	
– 1 x Stator	P-436 746**
– 1 x Rotor with pin	P-436 744**
1x Mortar pressure gauge (3)	P-472 506
1x Electric remote control (4) with ON/ OFF switch	
– 20 m long	P-269 446.007
– 60 m long	P-269 447.006
1x Mortar hose NW 35, 13.3 m (5)	P-207 615.007
5x Sponge ball NW 35 (6)	P-065 044.001
6x Gasket NW 35 (7)	P-213 725.004
4x Spacer plate (8)	P-207 770.007
1x Mixing auger (9)	P-211 773.003
1x O-ring for conversion ring (10)	P-017 192.008
1x Conversion ring R8-D8 or D6 (11)	P-496 042



Alternatively both component parts are also available as other variants with the following worm pumps:

*Stator D8-2	P-436 746
*Rotor D8-2	P-436 743
**Stator D6 Power (25 l/ min) 40 bar/ approx. 580 psi	P-206 345.006
**Rotor D6 Power (25 l/ min) 40 bar/ approx. 580 psi with pin for operation with uni-mixer	P-400 911

O-ring for conversion ring	P-017 192.008
Conversion ring R8-D8 or D6	P-496 042
Silicon spray	P-210 923.003
Outlet reducer V 35-V 25	P-207 795.008
Mixing auger D-pumps	P-211 773.003



■ Your Allentown Mortar Machines Dealer



Sometimes images show special equipment. All information subject to change. © 2008 Allentown Shotcrete Technology, a Putzmeister America, Inc. company. All rights reserved. (30807SD) Maximum theoretical values listed. Maximum output and pressure cannot be achieved simultaneously. Specifications subject to change without prior notice. Photos are for illustrative purposes only. Always refer to the appropriate operator's manual for sale and proper operation of Allentown equipment. Photos and drawings are for illustrative purposes only. For available options, please contact the factory.

SLU PRO 80 – a compact and highly efficient mixer-pump for engineered materials

For over 40 years, Putzmeister has been developing and producing systems for conveying and pumping all types of screed, which makes Putzmeister one of the leading companies in this area.

The SLU PRO 80 is an extremely compact mixing pump, which was developed particularly for processing self-leveling underlayment. It is reliable and completes the tasks it is set confidently and quickly.

But let's take a closer look at the SLU PRO 80. It is worth it, because it is full of practical details, which can make daily work significantly easier:

- it can be disassembled into manageable assemblies – this makes transportation easier
- it is ready for use quickly
- it delivers optimum mixing results
- maintenance and service are very simple
- it is certified in accordance with strict ISO 9001 standards

This is how the SLU PRO 80 works:

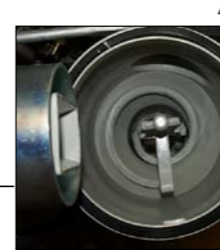
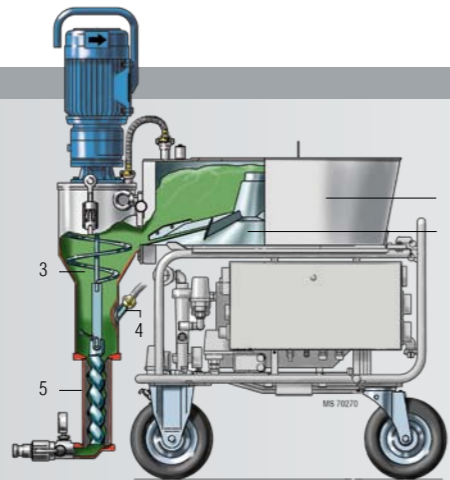
The dry material is supplied in sacks and filled into the large hopper (1). The low height of the SLU PRO 80 makes filling considerably easier.

The material is then transported by the 5-arm agitator (2) out of the hopper into the mixing pipe (3) of the SLU. The particular geometry of the 5-arm agitator means the hopper can be emptied almost 100%.

In the mixing area, the amount of water (4) appropriate to the material is supplied. Depending on the mortar used, the amount of water can be separately regulated. The integrated water pump ensures the water pressure is always adequate.

The mixing area is extremely large. This means the self-leveling underlayment is perfectly mixed and reaches the worm pump (5) of the SLU in an ideal condition. There it is then pumped at pressure through the mortar hose to the discharge site.

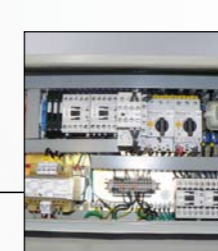
Attention: for detail instruction please follow the operator's manual.



The mixing area on the SLU PRO 80 is extremely large. A homogenous mixture of the highest quality is thus produced.



More than 100 litres fit into the large hopper. This means less stress when loading using material supplied in sacks.



The complete electrical system of the central control cabinet.



The practical wedges means you can replace the worm parts quickly and easily.



When processing self-leveling underlayment, the SLU PRO 80 shows its strengths – the surface becomes horizontal and flat with almost no other intervention.



A high output means even large-area screed surfaces are no problem for the SLU PRO 80.



Using the flowmeter, you can meter the water supply and change the consistency of the self-leveling underlayment.



The wear-resistant worm parts are maintenance-free. They can be replaced in a flash as required.

Uniquely disassemblable

The SLU PRO 80 can be disassembled in next to no time into manageable, and portable, assemblies. And you don't even need tools.

So it is suitable for use with any sort of estate vehicle. On the construction site, two men can carry the parts through the narrowest stairwells to the site of use without difficulty.

Handling and operation

This is how easy composition floor laying can be. You connect the current and water and fill the hopper with the material. Now you set the water value, start up the machine, open the material gate valve and set the consistency. Now you just need to connect the pre-lubricated hoses. Then you can start the machine at the push of a button.

The SLU PRO 80 can then be operated comfortably via cable remote control.

Technical data

Pump model	R8-1.5
Theor. del. rate R8-1,5	21,1 gpm (80 l/ min)
Max. del. pressure machine	580 psi (40 bar)
Max. del. pressure R8-1,5	217 psi (15 bar)
Water pump	0.55 kW, 4.2 m³/ h
Pump drive	5.5 kW, 60 Hz at 385 rpm
Voltage	208 V, 60 Hz
Container drive	1.1 kW at 29 rpm
Container capacity	3.7 ft³ (105 l)
Filling height	38.7" (984 mm)
Weight	529 lbs. (240 kg)
Length	52.1" (1,324 mm)
Width	28.7" (782 mm)
Height	56.8" (1,443 mm)

Part no. 111 417.226



The single parts can be carried by two people without difficulty to the required location on the construction site.