

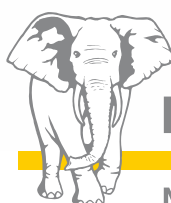


Putzmeister

Plastering machines, screed conveyors and fine concrete pumps



Catalogue 2012/2013



Putzmeister

Mörtelmaschinen

Our catalogue to help you in your work

This year's general catalogue presents the complete range from Putzmeister Mörtelmaschinen GmbH on over 70 pages. Here, you will find everything that we have to offer: floor screed conveyors, plastering machines, fine concrete pumps, and – of course – all of the appropriate accessories.

Just look and you will find

The chapter on each machine starts with a practical **overview table**. This allows us to guide you to the correct machine for the application. Then you can start looking at the right place in the catalogue.

Each machine is described in detail, together with all the important technical data. Please note that we reserve the right to make technical changes. The stated performance specifications are guide values and are therefore not binding. All technical data may be changed without prior notice.

Please note ...

To ensure the correct and safe operation of the machine, please see the relevant operating manual.

We would be happy to receive comments and suggestions about how we could design or structure the catalogue better in the future. Please write to:

Putzmeister Mörtelmaschinen GmbH
Key word: "Catalogue"
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Or visit us on the Internet at:
www.mortarmachines.com

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Welcome to Putzmeister!



The corporate site of the Putzmeister Group in Aichtal, near Stuttgart

We are based in Aichtal, near Stuttgart. This is where our headquarters are located – but our ideas for technical solutions are formulated on construction sites. That's where it's all about making work easier and more efficient.

Whether you're working with mortar, floor screed, or fine concrete, we can help with mixing, pumping, application, and spraying tasks. Practical innovations have made us great. And our machines are used throughout the world.

Putzmeister Mörtelmaschinen GmbH

We develop, produce, and supply one of the world's most extensive ranges of powerful, site-optimized plastering machines, floor screed conveyors, and fine concrete pumps.

As a wholly-owned subsidiary of the Putzmeister Group, we are able to offer you, our customers and sales partners, ideal conditions when it comes to expertise, investment security and optimum service in all sectors.

The Putzmeister Group

We form part of the globally active Putzmeister group. With several subsidiaries around the world, this corporate group is represented in all global markets and is a real international player.

Our main focuses are the manufacturing of machines to convey concrete, mortar, and high-density substances. In this way, companies of the Putzmeister group are active in business segments in many different areas:

- Concrete pumps
- Systems engineering
- Tunnelling machines
- Large robot technology
- Mortar machines



The Putzmeister Building, where the administrative offices of Putzmeister Mörtelmaschinen GmbH are housed



Quality “Made in Germany”

Extremely modern production facilities in Aichtal, near Stuttgart

The new assembly hall makes use of a line production system which is linked to numerous throughput stations.

The production plant in Aichtal, near Stuttgart, covers around 9,000 m² and provides really modern conditions for the production of pneumatic conveyors, mixer pumps, piston pumps, and worm pumps. All work steps are standardized and guarantee consistently great quality with regard to processing and the performance of the finished products.

Quality Assurance

Our quality management measures start with the vitally important selection of ISO-certified suppliers and continue with the regular checking of these suppliers.

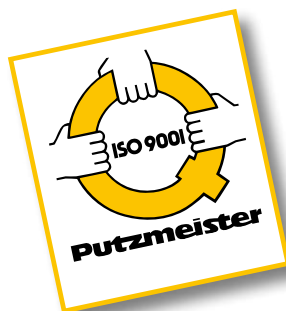
Each machine is started up and tested immediately after assembly. If the test is successful, it is sent on for a final inspection.

During the final production inspection, each machine is optimally adjusted one last time. We test our machines in continuous operation, checking all functions such as safety devices. In this way, we ensure that you receive a reliable Putzmeister product in perfect condition.

Technology with more value

However, sophisticated technology is not the whole story: in addition, we try to make sure that our contact with customers, sales partners, and suppliers is pleasant and beneficial for both sides.

- A wide network of competent and helpful sales partners
- Good quality, comprehensible technical documents
- A willingness to listen to questions and problems
- Fast, uncomplicated order processing
- Short delivery times for machines, spare parts, and wear parts
- Friendly and competent employees
- Fair pricing



Investing in the future

We also want to meet both our and your expectations in the future. This is why we continuously invest in qualified and committed employees. Excellent quality is simply not possible without them.

We consistently continue to back the latest computerized plants and technology. Without them, it simply would not be possible to develop and manufacture top-quality products and to deliver them without faults.

We also intensively cultivate contacts with our customers, suppliers, and sales partners throughout the world.



A total of 9,000 m² of space is available for the production of Putzmeister mortar machines in Aichtal.



Our mixing tanks are welded at our own works using precise robotics and are then thoroughly checked using ultrasound methods.



Guaranteed quality: our machines only use parts which have passed the most stringent quality controls and in-depth testing.

Finishing: not one single machine leaves our production hall without being subjected to a thorough final inspection and careful cleaning.



Machines for mortar and plaster

Whatever you're planning, the right Putzmeister machine will help you with the most varied of tasks in structural and civil engineering or in the construction industry in general.

Note: Always use a machine-compatible mortar in combination with machine technology. In you have any questions, please contact the material manufacturer or contact us directly.

		Dry mortar (bag / silo / container material)									
		Gypsum machine plaster		Base coat plaster							
				< 2 mm			< 4 mm				
		Gypsum machine plaster	Gypsum/lime machine plaster	Lime mortar	Lime and cement mortar	Cement mortar	Lime mortar	Lime and cement mortar	Cement mortar	Lightweight plaster	Insulating plaster
Mixer pumps MP 25		●	●	●	●	●	●	●	○	●	●
Pages 18 - 19											
Worm pumps Sprayboy P 12		—	○	○	○	○	○	○	○	○	—
Pages 22 - 23											
Worm pumps S 5		—	—	●	●	●	●	●	●	●	●
Pages 26 - 27											
Worm pumps SP 11		—	—	●	●	●	●	●	●	●	●
Pages 32 - 33											
Piston pumps P 13		—	—	●	●	●	●	●	●	○	○
Pages 36 - 37											

● Very suitable ○ Suitable in certain conditions — Not suitable

Dry mortar (bag / silo / container material)									Synthetic mortar / dispersion plaster			Site-made mixes				
Mineral cementitious adhesive	Rendering				Fine plaster	Masonry mortar	Fire protection mortar	SPCC mortar	All wet mortars (in containers or buckets)			Interior plaster (mixing ratio of 1:3)		External plaster (mixing ratio of 1:3)		Masonry mortar
Cementitious adhesive / reinforcement mortar	Acoustic spray plaster	Spray plaster	Textured plaster	Scratch coats	Felt and smooth plaster				Filler mortar	Textured plaster	Cementitious adhesive	Lime plaster	Lime gypsum plaster	Lime cement plaster	Cement plaster	
●	—	○	○	○	○	—	○	—	—	—	—	—	—	—	—	—
●	—	●	●	○	●	—	●	●	●	●	●	—	—	—	—	—
●	○	●	●	●	●	●	●	●	○	●	●	○	○	○	○	○
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—	—	○	○	●	○	○	○	○	—	—	—	●	●	●	●	●

Mixer pump MP 25 MIXIT

The machine with the large reservoir for premixed dry mortar

Easy to disassemble, but difficult to outperform. The reliable MP 25 is a real all-rounder.

Suitable for all pumpable premixed dry mortar, whether it's bag material or from a silo with a conveying system, e.g. interior plasters (gypsum and gypsum lime plaster), external plaster (lime, lime cement, and insulating plaster), self levelling floor screed, cementitious adhesive, and reinforcement mortar. Different pump parts and pump versions can vary the mix and pump output from around 5 to 80 l/min.



Powerful electric motor

Reservoir hopper takes 115 l

MP 25 can be dismantled into manageable assemblies

Conical mixing tube for optimum material flow

Easily accessible flow meter for modifying the water ratio

Compressed air remote control

Integrated water pump

Integrated compressor with pressure cut-off



Technical data	MP 25 MIXIT – 3 x 400 V 50 HZ	MP 25 MIXIT – 3 x 220 V 60 HZ
Pump	D6 Power	D6 Power
Theor. delivery rate*	25 l/min	25 l/min
Delivery pressure	40 bar	25 bar
Delivery distance**	Up to 40 m horizontal, 15 m vertical	Up to 40 horizontal, 15 m vertical
Air compressor	0.55 kW / 200 l/min	–
Pump drive	400 V / 50 Hz / 5.5 kW at 392 rpm	220 V / 60 Hz / 5.5 kW at 392 rpm
Container drive	1.1 kW at 23 rpm	1.1 kW at 23 rpm
Container content	115 l	115 l
Water pump	0.78 kW at 3.4 m³/h	0.78 kW at 3.4 m³/h
Weight	240 kg	245 kg
Length x width x height	1,324 x 728 x 1,443 mm	1,324 x 728 x 1,443 mm
Filling height	984 mm	984 mm
Maximum particle size	4 mm	4 mm
Pressure connections	M35/V25-40	M35/V25-40
Part no.	111 417.168	111 417.155

* The delivery rate depends on the pump model. The delivery rate can vary in accordance with the pump used.

**The data is based on experience and is dependent on the materials used.



The large hopper and the low fill level make it distinctively more convenient and make your work easier.



The material container and mixing tube are separated from each other. You open the gate valve and the material enters the mixing tube.



The MP 25 MIXIT can be dismantled into manageable and, more importantly, portable assemblies in no time at all.

Equipment	MP 25 MIXIT – 400 V	MP 25 MIXIT – 220 V
Standard colour paintwork	●	●
Water pump	●	●
Compressor	●	●
Suction hose for water pump	○	○
Cable remote control + extension	○	○
Uni remixer	○	○
Insulating plaster attachment	○	○
Air injection hood	○	○
Spacer plates	○	○
Key:	– Not available ○ Option ● Standard	

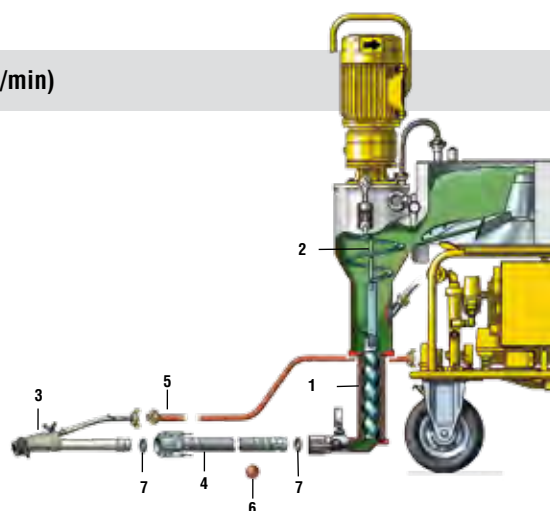
Suggested accessories for MP 25

Accessories for processing premixed dry mortar (impressive output of 40 l/min)

Entire set, part no.: 533 072

≈ 30 m long, consisting of:

	Part	Part no.	Fig.
1x	Pump parts – Screw conveyor D8-2 – Screw conveyor barrel D8-2	435 743 436 746	1
1x	Universal mixer shaft MP 25	211 773.003	2
1x	Spray gun, short and straight, V 35	203 054.002	3
2x	Mortar hose ID 35, 13.3 m long	207 615.007	4
2x	Air hose, 1/2", 20 m	001 665.004	5
10x	Sponge ball ID 35	065 044.001	6
10x	Seal ID 35	213 725.004	7
3x	Hose holder, leather	000 206.008	

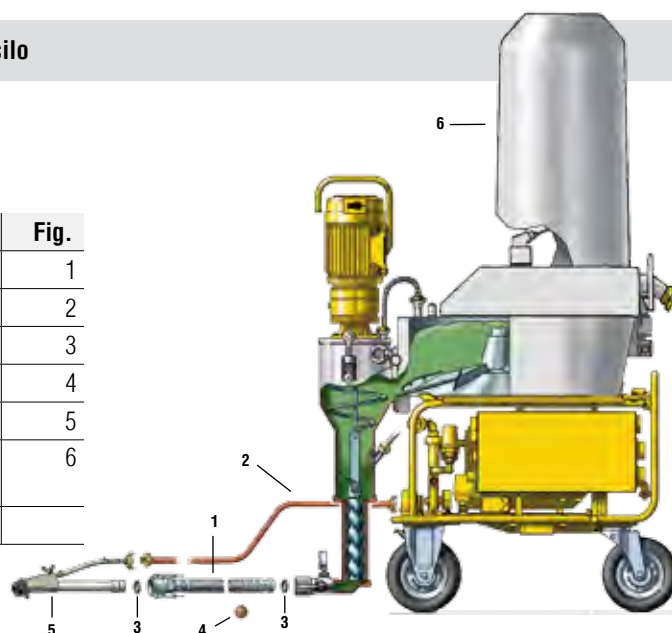


Accessories for the processing of premixed dry mortar from a silo

Entire set, part no.: 533 078

≈ 30 m long, consisting of:

	Part	Part no.	Fig.
2x	Mortar hose ID 35, 13.3 m long	207 615.007	1
2x	Air hose, 1/2", 20 m	001 665.004	2
10x	Seal ID 35	213 725.004	3
10x	Sponge ball ID 35	065 044.001	4
1x	Spray gun, short and straight V 35	203 054.002	5
1x	Feed hood with remote control cable Probe, rectangular	212 324.008	6
3x	Hose holder, leather	000 206.008	

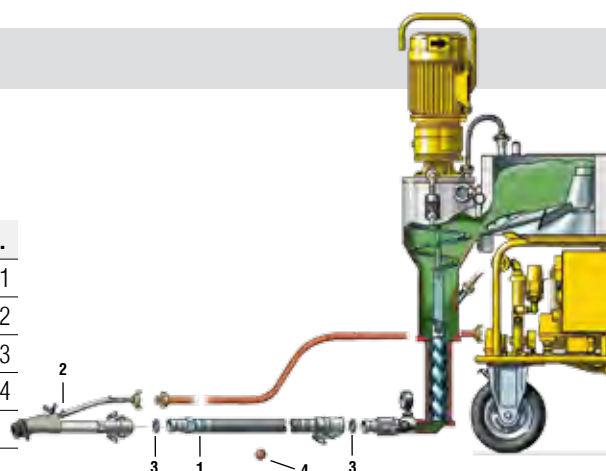


Accessories for processing premixed dry mortar

Entire set, part no.: 533 079

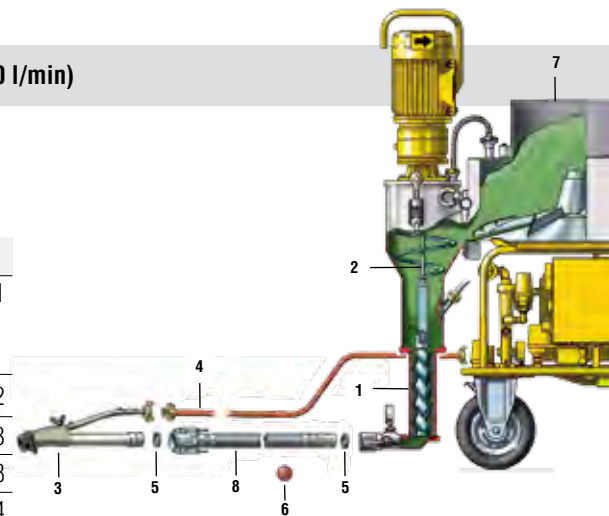
≈ 20 m long, consisting of:

	Part	Part no.	Fig.
2x	Mortar hose ID 25-40, 10 m long	207 804.009	1
1x	Spray gun ID 25	402 592	2
5x	Seal ID 25	207 764.000	3
5x	Sponge ball ID 30	000 239.004	4
3x	Hose holder, leather	000 206.008	

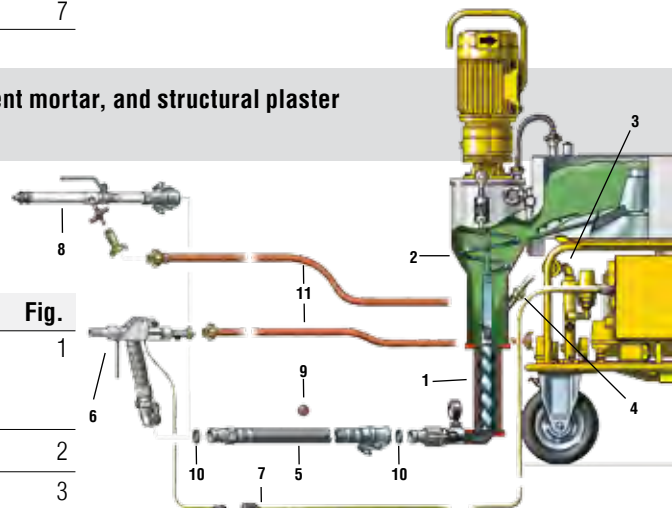


Accessories for processing insulating plaster (impressive output of 40 l/min)
Entire set, part no.: 533 074
≈ 40 m long, consisting of:

	Part	Part no.	Fig.
1x	Pump parts – Screw conveyor D8-2 – Screw conveyor barrel D8-2	435 743 436 746	1
1x	Mixer shaft for insulating plaster MP 25	212 262.005	2
1x	Spray gun, with shut-off valve ID 35	209 174.009	3
3x	Mortar hose ID 35, 13.3 m long	207 615.007	8
2x	Air hose, 1/2", 20 m	001 665.004	4
10x	Sponge ball ID 35	065 044.001	6
10x	Seal ID 35	213 725.004	5
3x	Hose holder, leather	000 206.008	
1x	Attachment collar for insulating plaster MP 25	212 325 007	7


Accessories for processing cementitious adhesive, reinforcement mortar, and structural plaster (low output of 12 or 6 l/min)
Entire set, part no.: 533 073
≈ 20 m long, consisting of:

	Part	Part no.	Fig.
1x	Pump parts – Screw conveyor D4-1/2 – Screw conveyor barrel D4-1/2	214 402.009 214 403.008	1
1x	Cementitious adhesive mixer shaft	214 571.008	2
1x	Flow meter with range of 40 - 400 l/min	208 025.007	3
1x	Insertion nozzle, diameter of 4.5 x 55 mm	400 728	4
2x	Mortar hose ID 25-40, 10 m long	207 804.009	5
1x	Large fine plaster spray gun with PM coupling and Geka air connection	529 733	8
1x	Air hose, 1/2", 20 m	001 665.004	11
5x	Sponge ball ID 25	000 239.004	9
5x	Seal ID 25	207 764.000	10
3x	Hose holder, leather	000 206.008	



	Part	Part no.	Fig.
1x	Flow meter with range of 40 - 400 l/min	407 200	3
1x	Adhesive gun ID 17/ M 25-40 with shut-off valve and E-connector for remote control	408 422	6
1x	Extension cable 20 m	211 506.005	7



Sprayboy P 12

Mixing and pumping in a batch processing operation

The small mortar pump is ideal for cementitious adhesive, fire-retardant plaster, and so on. It mixes, pumps, and sprays out of a hopper. It's just the right machine for building conservationists, stucco plasterers, refurbishing companies, and painters.

Suitable for e.g. anti-drumming agents, levelling compounds, flame and fire-retardant mortar, sealing slurries, joint and frame sealing compounds, paints, adhesive emulsion, cementitious adhesive, renovation mortars, filling compounds, and mortars.

Part no. 111 469.060

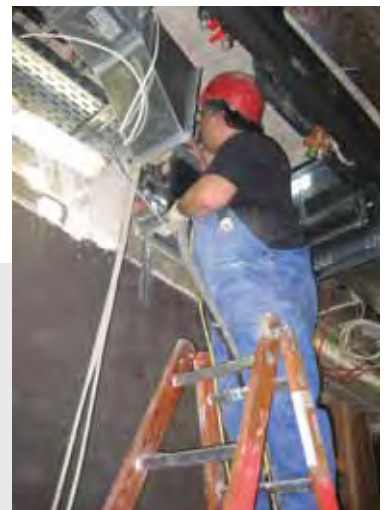


Powerful electric motor

Large material hopper

Standard cable remote control

Two-stage motor speed transfer



Technical data	P 12
Pump	D5 short
Theor. delivery rate*	6 +12 l/min
Delivery pressure	25 bar
Delivery distance**	Up to 30 m horizontal, 15 m vertical
Power connection (CE connector)	400 V / 50 Hz + 60 Hz, 16 A, 5p, 6h
Pump drive	1.4 kW at 94 rpm / 1.8 kW at 188 rpm
Hopper volume	50 l
Weight	125 kg
Length x width x height	714 x 696 x 1,437 mm
Fill height	939 mm
Maximum particle size	4 mm
Discharge connection	M 35

* The delivery rate depends on the pump model. The delivery rate can vary in accordance with the pump used.

**The data is based on experience and is dependent on the materials used.



In the central control cabinet, the electrical system is easily accessible at all times – which makes maintenance work easier.



Discharge connection with pressure gauge for connection of the mortar hoses.



The large Sprayboy hopper, in which you mix the material before it is pumped.

Additional equipment	P 12
Standard colour paintwork	●
Cable remote control	●
Pneumatic remote control	○
Key:	– Not available ○ Option ● Standard

Suggested accessories for Sprayboy P 12

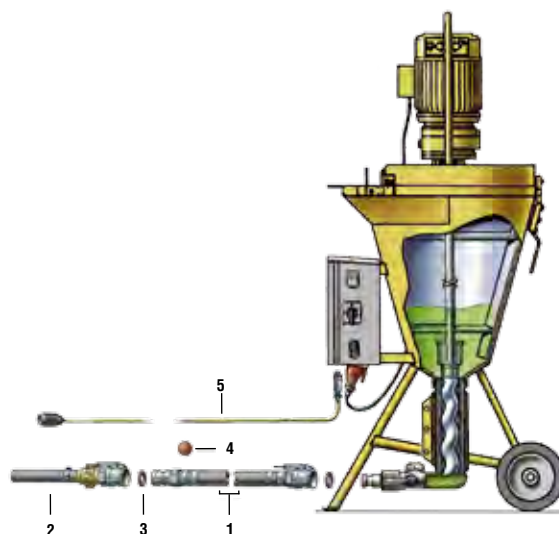
Accessories for filling frame connectors with fire-retardant plaster and a filling hose

Entire set, part no.: 533 080

≈ 20 m long, consisting of:

	Part	Part no.	Fig.
2x	Mortar hose ID 25, 10 m	207 804.009	1
1x	Frame connector filling hose, 30 cm, M25-40	408 373	2
3x	Seal ID 25	207 764.000	3
3x	Sponge ball ID 25	000 239.004	4
1x	Electric remote control with on/off switch, 20 m	269 446.007	5
3x	Hose holder, leather	000 206.008	

	Optional accessory		
1x	PM grout, 18 l storage tank, 25 pcs	266 743.004	



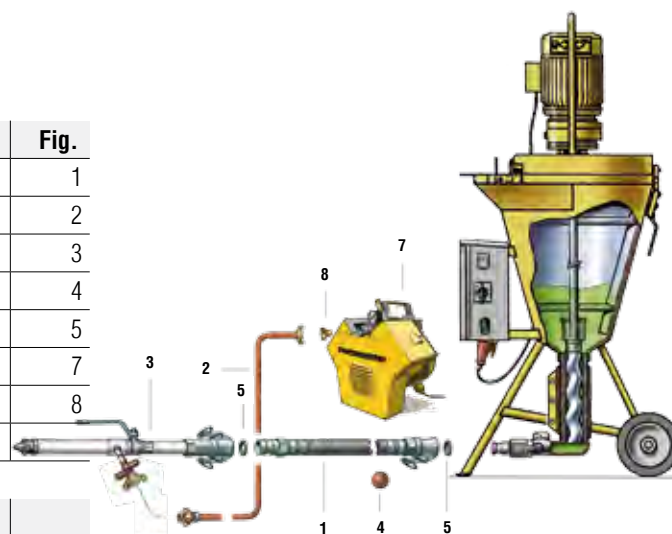
Accessories for processing finishing coats

Entire set, part no.: 533 083

≈ 20 m long, consisting of:

	Part	Part no.	Fig.
2x	Mortar hose ID 25, 10 m	207 804.009	1
1x	Air hose, 1/2", 20 m	001 665.004	2
1x	Fine plaster spray gun, large	529 733	3
3x	Sponge ball ID 25	000 239.004	4
3x	Seal ID 25	207 764.000	5
1x	V-Meko compressor with fuse	400 168	7
1x	Geka coupling, 1/4"	207 969.009	8
3x	Hose holder, leather	000 206.008	

	Optional accessory		
1x	PM grout, 18 l storage tank, 25 pcs	266 743.004	

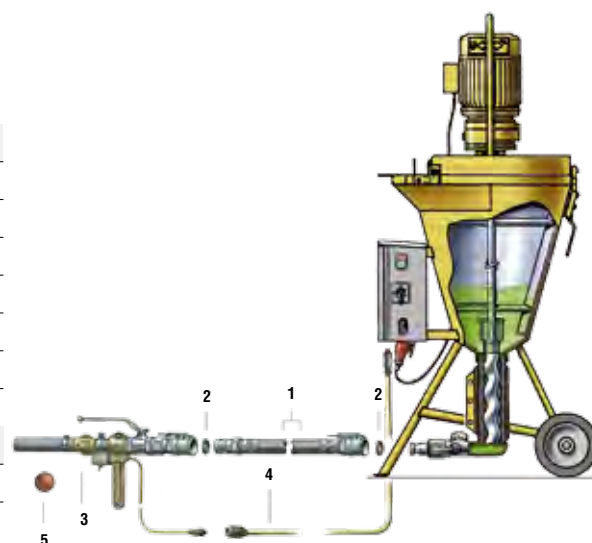


Accessories for filling frame connectors with fire-retardant plaster and a frame filling device

Entire set, part no.: 533 081
 ≈ 20 m long, consisting of:

	Part	Part no.	Fig.
1x	Mortar hose ID 25, 10 m	207 804.009	1
3x	Seal ID 25	207 764.000	2
1x	Frame connector filling device with remote control	214 236.000	3
1x	Remote control extension cable, 20 m	211 506.005	4
3x	Sponge ball ID 25	000 239.004	5
3x	Hose holder, leather	000 206.008	

	Optional accessory	
1x	PM grout, 18 l storage tank, 25 pcs	266 743.004

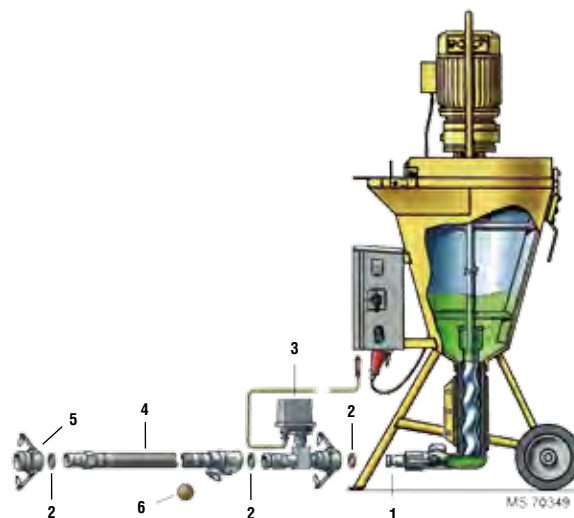


Accessories for filling anchor elements

Entire set, part no.: 533 085
 ≈ 20 m long, consisting of:

	Part	Part no.	Fig.
1x	Tapering, V35 / V25-40	207 795.008	1
3x	Seal ID 25	207 764.000	2
1x	Pressure monitor, 2-32 bar	523 102	3
2x	Mortar hose, ID 25-40, 10 m	207 804.009	4
1x	PM coupling, M25-40 / RI 1'	211 597.001	5
1x	Test pressure gauge, ID 25-40	208 745.002	
3x	Sponge ball ID 25	000 239.004	6
3x	Hose holder, leather	000 206.008	

	Optional accessory	
1x	PM grout, 18 l storage tank, 25 pcs	266 743.004



Worm pump S 5

The universal worm pump

The universal worm pump for dry mix and wet mortar from a bag or silo. The S 5 is a modular system. At its heart is a powerful worm pump with a slide-on Cardan shaft for the quick replacement of the screw parts. It has a variable pump output. The TM version has an attached plate mixer for a high mix quality.

Suitable for base and insulating plaster, scraped and textured plaster, sprayed and structural plaster, trowel plaster, adhesive bridges, masonry mortar, fire-retardant mortar, sealing slurry, injection mortar, filling and anchor mortar, dispersion plaster, fibre mortar, glass-fibre-reinforced concrete, and cementitious adhesives, with an infinitely adjustable feed rate of between around 7 and 40 l/min depending on the material.

Part no. 111 635.000



Technical data	S 5 EV	S 5 EVTM – plate mixer
Model	Basic version	with plate mixer
Worm pump	2L6	2L6
Delivery rate*	7 - 40 l/min	7 - 40 l/min
Delivery pressure	25 bar	25 bar
Delivery range**	To 60 m	To 60 m
Delivery height**	To 40 m	To 40 m
Drive motor	5.5 kW, 400 V / 50 Hz	5.5 kW, 400 V / 50 Hz
Mixer drive	–	2.2 kW
Mixer volume	–	80 l
Hopper volume	100 l	100 l
Length	2,290 x 680 x 650 mm	2,505 x 680 x 1,150 mm
Weight	190 kg	400 kg
Maximum particle size	6 mm	6 mm
Pressure connection	M 50	M 50

* The delivery rate depends on the pump model. The delivery rate can vary in accordance with the pump used.

** The data is based on experience and is dependent on the materials used.



The S 5 EVTM has an attached plate mixer. It is used if materials need to be particularly intensively mixed.

The plate mixer has a capacity of 80 l and is driven by a 2.2 kW electric motor.

The central control cabinet is also a power distributor for attached devices such as a plate mixer or compressors.

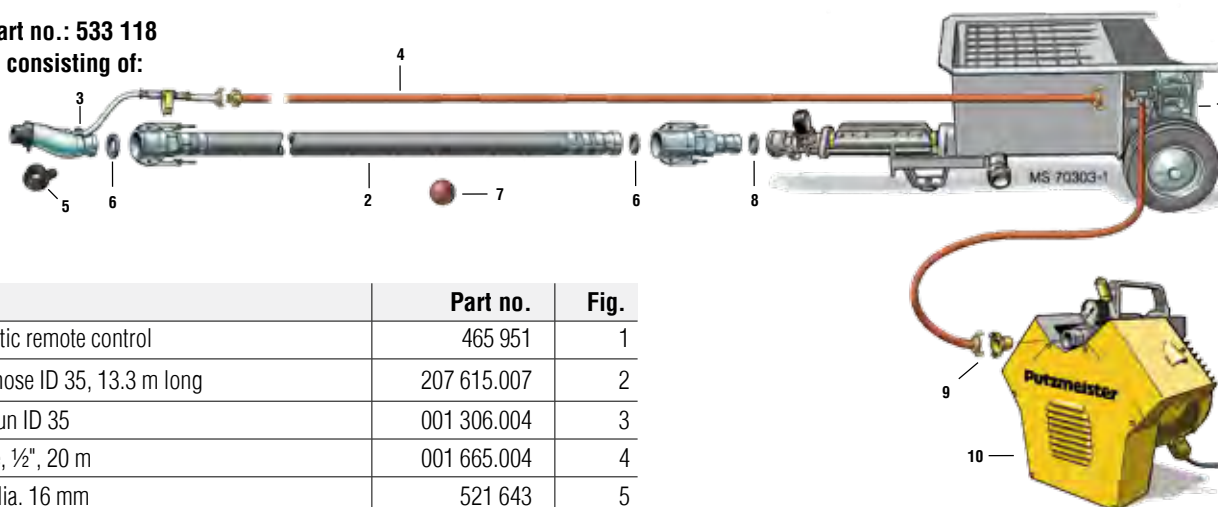
Equipment	S 5 EV	S 5 EVTM – plate mixer
Standard colour paintwork	●	●
Cable remote control	●	●
Pneumatic remote control	○	○
Vibrating screen	○	–
Key:	– Not available ○ Option ● Standard	

Recommended accessories for the S 5

Accessories for processing site-made mixes

Entire set, part no.: 533 118

≈ 40 m long, consisting of:



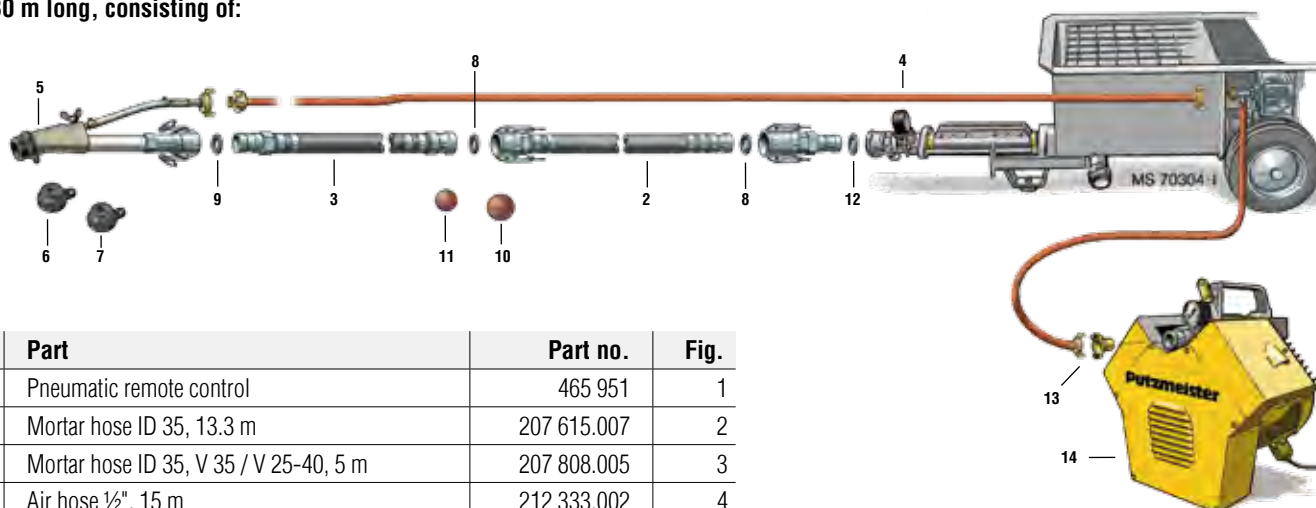
	Part	Part no.	Fig.
1x	Pneumatic remote control	465 951	1
3x	Mortar hose ID 35, 13.3 m long	207 615.007	2
1x	Spray gun ID 35	001 306.004	3
2x	Air hose, ½", 20 m	001 665.004	4
1x	Nozzle dia. 16 mm	521 643	5
10x	Seal ID 35	213 725.004	6
10x	Sponge ball ID 35	065 044.001	7
10x	Seal ID 50	213 266.000	8
1x	Geka coupling, ¼"	207 969.009	9

	Part	Part no.	Fig.
1x	V-Meko compressor with fuse	400 168	10
3x	Hose holder, leather	000 206.008	

Accessories for processing premixed dry mortar (for cement plaster, fire-retardant plaster, and reinforcement plaster)

Entire set, part no.: 533 120

≈ 30 m long, consisting of:



	Part	Part no.	Fig.
1x	Pneumatic remote control	465 951	1
2x	Mortar hose ID 35, 13.3 m	207 615.007	2
1x	Mortar hose ID 35, V 35 / V 25-40, 5 m	207 808.005	3
2x	Air hose ½", 15 m	212 333.002	4
1x	Fine plaster spray gun ID 25	408 237	5
1x	Nozzle dia. 12 mm	521 641	6
1x	Nozzle dia. 14 mm	521 642	7
5x	Seal ID 35	213 725.004	8
3x	Seal ID 25	207 764.000	9
5x	Sponge ball ID 35	065 044.001	10
3x	Sponge ball ID 25	000 239.004	11
10x	Seal ID 50	213 266.000	12
1x	Geka coupling ¼"	207 969.009	13
1x	V-Meko compressor with fuse	400 168	14
3x	Hose holder, leather	000 206.008	

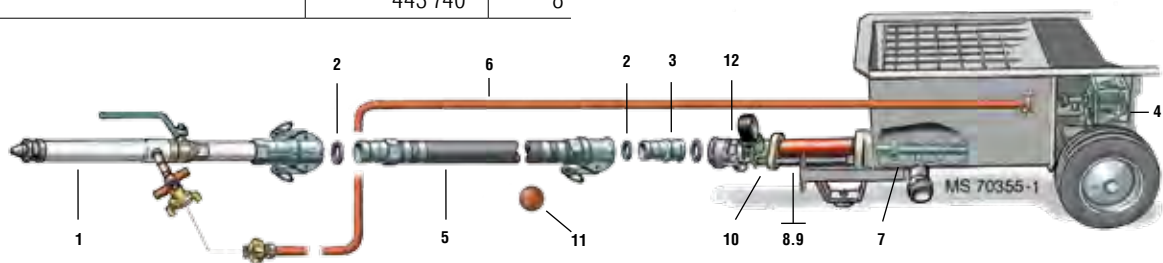
Accessories for processing fine plaster (granulation of < 4 mm)

Entire set, part no.: 533 119
 ≈ 20 m long, consisting of:

	Part	Part no.	Fig.
1x	Fine plaster spray gun ID 25	529 733	1
5x	Seal ID 25	207 764.000	2
1x	Tapering, V 35/V 25-40	207 795.008	3
1x	Pneumatic remote control	465 951	4
2x	Mortar hose ID 25, 10 m	207 804.009	5
1x	Air hose, 1/2", 20 m	001 665.004	6
1x	Cardan shaft D4	525 378	7
1x	D6 Power rotor	443 740	8

	Part	Part no.	Fig.
1x	D6 Power stator	206 345.006	9
2x	Tie rod	011 145.006	10
3x	Sponge ball ID 25	000 239.004	11
3x	Hose holder, leather	000 206.008	
1x	Pressure connection	202 189.004	12

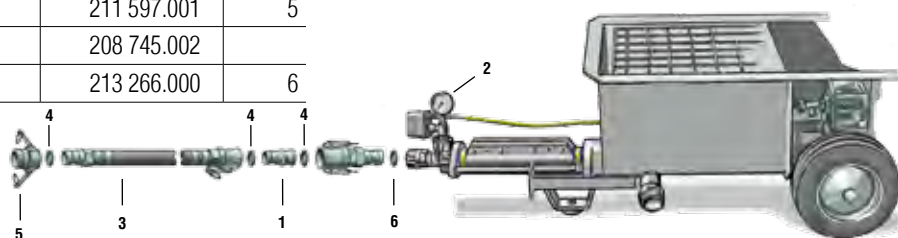
In addition, a compressor with an air volume of 400 - 500 l/min is required.



Accessories for filling anchors

Entire set, part no.: 533 121
 ≈ 20 m long, consisting of:

	Part	Part no.	Fig.
1x	Tapering, V 35 / V 25-40	207 795.008	1
1x	Pressure monitor, 2-32 bar	523 101	2
2x	Mortar hose, ID 25, V 25 / M 25, 10 m	207 804.009	3
5x	Seal ID 25	207 764.000	4
1x	PM coupling, M 25-40 / RI 1	211 597.001	5
1x	Test pressure gauge, ID 25-40	208 745.002	
10x	Seal ID 50	213 266.000	6

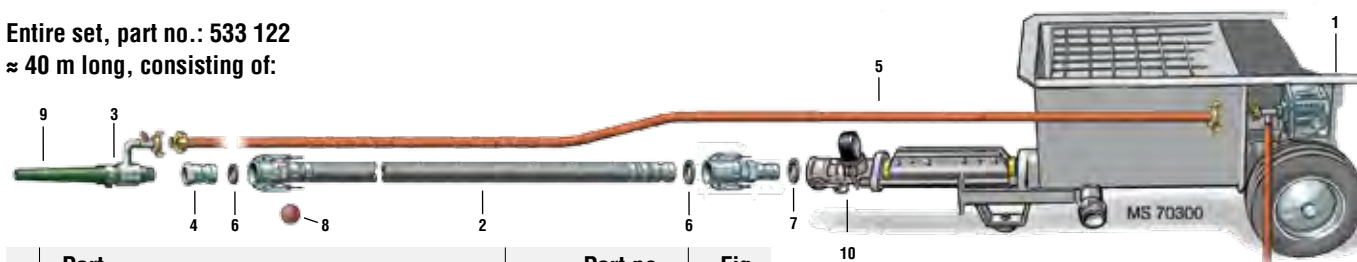


Recommended accessories for the S 5

Accessories for concrete restoration

Entire set, part no.: 533 122

≈ 40 m long, consisting of:



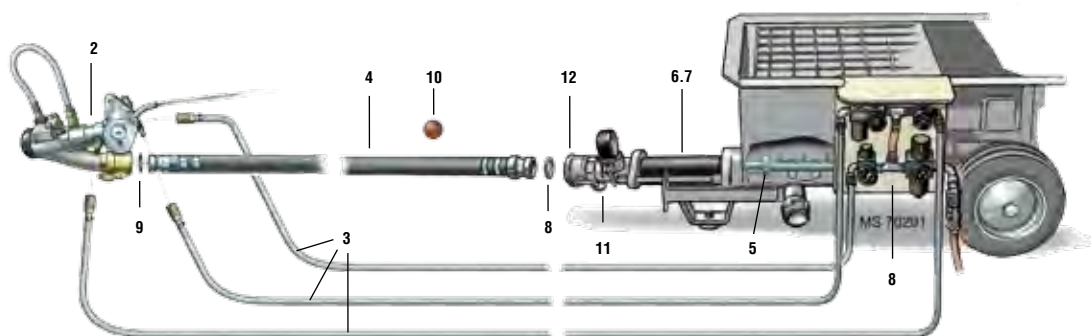
	Part	Part no.	Fig.
1x	Pneumatic remote control	465 951	1
3x	Mortar hose ID 35, 13.3 m	207 615.007	2
1x	Refurbishing spray gun	207 283.002	3
1x	Coupling V 35	203 135.002	4
2x	Air hose, 20 m	001 665.004	5
5x	Seal ID 35	213 725.004	6
10x	Seal ID 50	213 266.000	7
1x	Adapter, V 50/M 35	213 217.004	
5x	Sponge ball ID 35	065 044.001	8
1x	Nozzle, dia. 15 mm	207 286.009	9
3x	Hose holder, leather	000 206.008	
1x	Pressure connection	202 189.004	10

In addition, a compressor with an air volume of 1,500 l/min is required.

Accessories for spraying glass-fibre reinforced concrete

Entire set, part no.: 542 935

≈ 10 m long, consisting of:



	Part	Part no.	Fig.
1x	Fitting block	207 223.004	1
1x	GFB spray gun	070 436.002	2
1x	Hose connection cpl.	209 347.001	3
1x	Mortar hose ID 25, V 35 / V 25 - 40, 10 m	207 809.004	4
1x	Cardan shaft (spiral)	525 378	5
1x	Screw conveyor D 8-2	436 743	6
1x	Screw conveyor barrel D 8-2	436 746	7
3x	Seal ID 35	213 725.004	8
3x	Seal ID 25	207 764.000	9
3x	Sponge ball ID 25	000 239.004	10
2x	Tie rod	011 145.006	11
1x	Pressure connection	202 189.004	12

Modification of pump type 2L6 of S 5 in line with other pump types:

Conversion of S 5 EV with screwed Cardan shaft to D4, D4½, D4¼, D5 short, D6, D8-2+ with the following parts:

	Part	Part no.
1x	Cardan shaft (spiral)	202 342.003
	or Cardan shaft (paddle)	206 185.004
1x	Tie rod (l=325 mm, M 20)	011 145.006

Conversion of S 5 EV 2L6 to D5 with the following parts:

	Part	Part no.
1x	Cardan shaft (spiral)	202 342.003
	or Cardan shaft (paddle)	206 185.004
1x	D5 rotor	070 351.006
1x	D5 stator	070 352.005
1x	Clamp, cpl.	206 848.008
2x	Tie rod (l=410 mm, M 20)	467 156

Conversion of S 5 EV 2L6 to 1L6 with the following parts:

	Part	Part no.
1x	1L6 rotor	207 136.007
1x	1L6 stator	214 536.001
1x	Clamp, cpl.	422 747
2x	Tie rod (l=300 mm, M 20)	011 145.006

Conversion of S 5 EV with slide-on Cardan shaft (version from part no. 111 452.310, 111 452.330) to D4, D4½, D4¼, D5 short, D6, D8-2+ with the following parts:

	Part	Part no.
1x	Cardan shaft (spiral)	525 378
2x	Tie rod (l=300 mm, M 20)	011 145.006
1x	Pressure connection	202 189.004

Conversion of S 5 EV 2L6 to D5 with the following parts:

	Part	Part no.
1x	Cardan shaft (spiral)	525 378
1x	D5 rotor	070 351.006
1x	D5 stator	070 352.005
1x	Clamp, cpl.	206 848.008
2x	Tie rod (l=410 mm, M 20)	467 156
1x	Pressure connection	202 189.004

Conversion of S 5 EV 2L6 to 1L6 with the following parts:

	Part	Part no.
1x	1L6 rotor	207 136.007
1x	1L6 stator	214 536.001
1x	Clamp, cpl.	422 747
2x	Tie rod (l=300 mm, M 20)	011 145.006

Conversion of S 5 EV 2L6 to 2L54 with the following parts:

	Part	Part no.
1x	Rotor 2L54	211 739.005
1x	Stator 2L54	523 235
1x	Cardan shaft (spiral)	455 703

For rotors and stators, see page 56 and onwards.



SP 11 Beliso Worm pumps

Convenient plastering machines for premixed dry mortar and site-made mixes

The models in the SP 11 Beliso worm pumps impress users with their sophisticated design and robust and convenient ease of use. They have a pivoting, hinged, or hydraulic lifting mixer.

The machines are suitable for use with site-made mixes or ready-to-use interior and external plasters in bags, coloured mortars, lime cement plaster, base coat plaster, lightweight masonry mortar, ornamental plaster, and filling/grouting work.

Infinitely adjustable delivery rate

Completely hydraulic pump and mixer drive

Robust plastic hood

Flap mixer

Swivel mixer

PLC

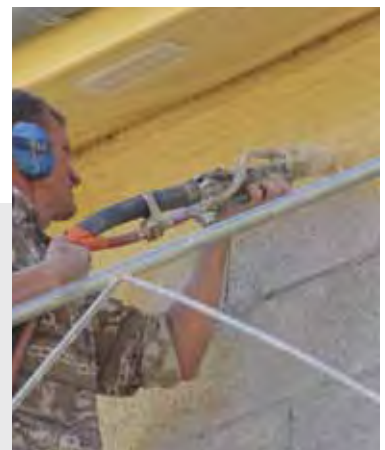
Stable and safe chassis

Lifting mixer for convenient filling

* 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 experience and is dependent on the materials used.

*** Liquid floor screed version SP 11 BHF is available on request.



Technical data***	SP 11 BMR	SP 11 BBR	SP 11 BMB	SP 11 BMT	SP 11 BUR
Model	Lifting mixer	Lifting mixer	Swivel mixer	Trap mixer	Lifting mixer
Pump type	2L6	2L6	2L6	2L6	2L6
Concrete pressure	25 bar	25 bar	25 bar	25 bar	25 bar
Theor. delivery rate*	5-40 l/min	5-40 l/min	5-40 l/min	5-40 l/min	5-40 l/min
Delivery range**/ height**	120 m / 60 m	120 m / 60 m	120 m / 60 m	120 m / 60 m	120 m / 60 m
Compressor	2-cylinder compressor, 400 l/min, 7 bar				
Forced mixer	150 l	150 l	150 l	150 l	150 l
Conveyor hopper	220 l	220 l	220 l	220 l	220 l
Drive motor	3-cylinder Kubota, 15 kW*** at 2,400 rpm				4-cylinder Kubota, 22.7 kW at 2,600 rpm
Chassis	Unbraked, can be used on roads				Braked, can be used on roads
Drawbar load	60 kg	60 kg	50 kg	50 kg	70 kg
Weight	750 kg	750 kg	740 kg	730 kg	900 kg
Length	3,420 mm	3,420 mm	3,510 mm	3,510 mm	3,924 mm
Width	1,420 mm	1,420 mm	1,420 mm	1,420 mm	1,420 mm
Height	1,150 mm	1,150 mm	1,240 mm	1,220 mm	1,150 mm
Filling height	880 mm	880 mm	1,185 mm	1,125 mm	880 mm
Maximum particle size	6 mm	6 mm	6 mm	6 mm	6 mm
Part no.	111 505.010	111 505.020	111 505.160	111 505.180	111 505.430



Powerful worm pump 2L6 with discharge connection to hose connection.



The maximum motor speed of just 2,400 rpm and the good sound insulation make the SP 11 into a machine that is quieter than average.



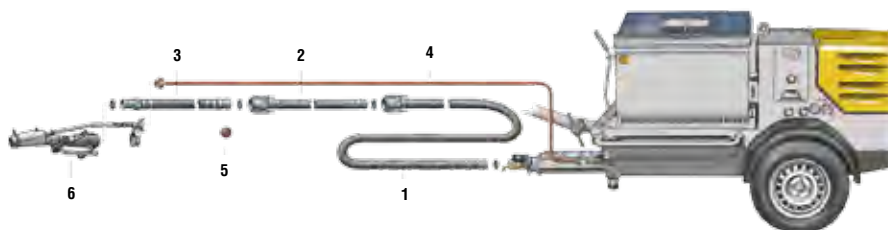
You can control and programme the complete machine from the control panel.

Equipment	SP 11 BMR	SP 11 BBR	SP 11 BMB	SP 11 BMT	SP 11 BUR
Automatic speed regulation	●	○	○	○	○
Manual speed regulation	○	●	●	●	●
High-pressure cleaner	●	●	●	●	●
Dust extraction	●	○	○	○	●
PLC control	●	—	—	—	●
Electronic water metering	●	—	—	—	○
Mechanical water metering	○	●	●	●	●
Preselection of mixing time	●	—	—	—	●
Vibrating screen	○	○	—	○	○
Cable remote control	○	—	—	—	○
Radio remote control	○	—	—	—	○
Truck coupling	○	○	○	○	○
Rubber wiper	○	○	○	○	○

Suggested accessories for SP 11 Beliso

Accessories for processing monocouche renders

Entire set, part no.: 401 133
 ≈ 30 m long, consisting of:

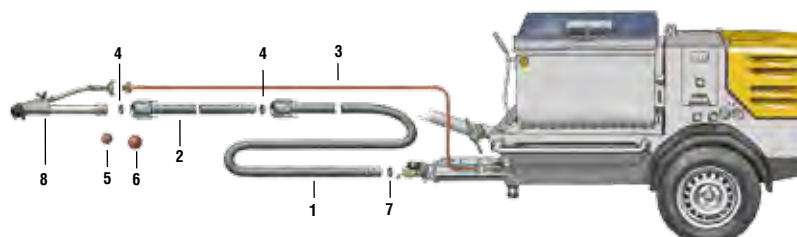


	Part	Part no.	Fig.
1x	Mortar hose, ID 35, V50, M 35, 13.3 m	207 616.006	1
1x	Mortar hose, ID 35, V35, M 35, 13.3 m	207 615.007	2
1x	Mortar hose, ID 25, V25, M 25, 5 m	207 808.005	3
1x	Geka air hose, ½", 40 m	214 734.007	4
2x	Sponge ball ID 35	065 044.001	5
1x	Spray gun, ID 25-40 short	408 237	6
1x	Rubber fine plaster nozzle 8 mm	214 751.006	
1x	Rubber fine plaster nozzle 10 mm	214 752.005	

	Part	Part no.	Fig.
1x	Rubber fine plaster nozzle 12 mm	214 753.004	
1x	Rubber fine plaster nozzle 14 mm	214 754.003	
1x	Rubber fine plaster nozzle 16 mm	214 755.002	
1x	Flexible mortar nozzle, D 18	001 329.007	
1x	Hose holder, leather	000 206.008	

Accessories for processing premixed dry mortar

Entire set, part no.: 532 995
 ≈ 40 m long, consisting of:

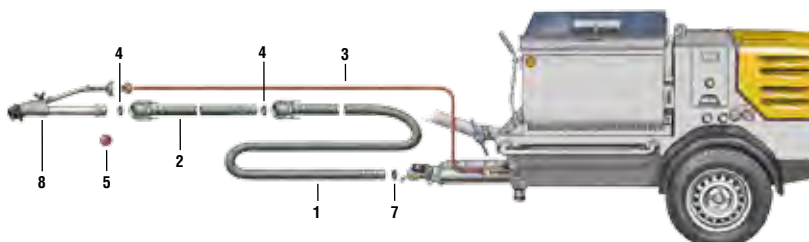


	Part	Part no.	Fig.
2x	Mortar hose, ID 50, V 50, M 50, 13.3 m	501 914	1
1x	Mortar hose, ID 35, V 50, M 35, 13.3 m	207 616.006	2
1x	Geka air hose, ½", 40 m	214 734.007	3
5x	Seal ID 35	213 725.004	4
5x	Sponge ball ID 50	000 212.005	6

	Part	Part no.	Fig.
5x	Sponge ball ID 35	065 044.001	5
5x	Seal ID 50	213 266.000	7
1x	Spray gun, V 35	203 054.002	8
3x	Hose holder, leather	000 206.008	

Accessories for processing fire-proofing mortar

Entire set, part no.: 533 638
 ≈ 40 m long, consisting of:

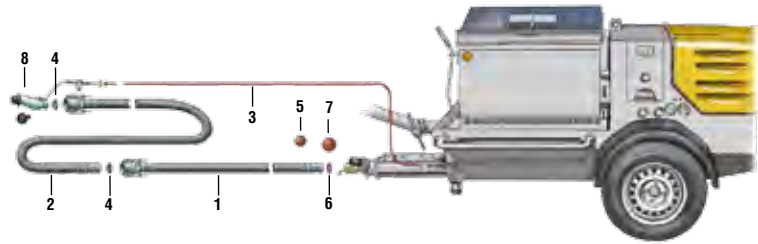


	Part	Part no.	Fig.
1x	Mortar hose, ID 35, V 50, M 35, 13.3 m	207 616.006	1
2x	Mortar hose, ID 35, V 35, M 35, 13.3 m	207 615.007	2
1x	Geka air hose, ½", 40 m	214 734.007	3
5x	Seal ID 35	213 725.004	4
5x	Seal ID 50	213 266.000	7

	Part	Part no.	Fig.
5x	Sponge ball ID 35	065 044.001	5
1x	Spray gun, V 35	203 054.002	8
3x	Hose holder, leather	000 206.008	

Accessories for processing site-made mixes

Entire set, part no.: 532 996
 ≈ 40 m long, consisting of:

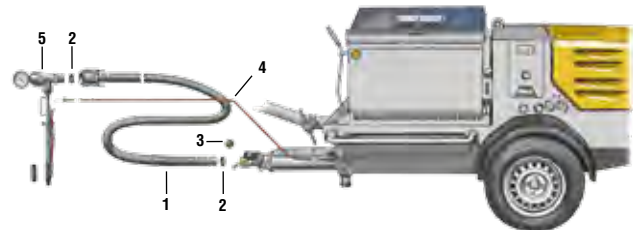


	Part	Part no.	Fig.
2x	Mortar hose, ID 50, V 50, M 50, 13.3 m	501 914	1
1x	Mortar hose, ID 35, V 50, M 35, 13.3 m	207 616.006	2
1x	Geka air hose, ½", 40 m	214 734.007	3
5x	Seal ID 35	213 725.004	4
5x	Sponge ball ID 35	065 044.001	5
5x	Seal ID 50	213 266.000	6

	Part	Part no.	Fig.
5x	Sponge ball ID 50	000 212.005	7
1x	Base coat plaster spray gun, short, V 35	001 306.004	8
3x	Hose holder, leather	000 206.008	

Accessories for injection and pressure grouting

Entire set, part no.: 532 998
 ≈ 40 m long, consisting of:



	Part	Part no.	Fig.
3x	Mortar hose, ID 50, V 50, M 50, 13.3 m	501 914	1
5x	Seal ID 50	213 266.000	2
5x	Sponge ball ID 50	000 212.005	3
1x	Geka air hose, ½", 40 m	214 734.007	4
3x	Hose holder, leather	000 206.008	

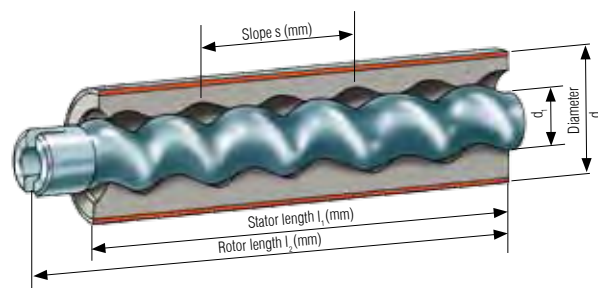
	Part	Part no.	Fig.
1x	Injection nozzle with T-piece, pressure gauge, remote control air cock, coupling with spout ID 50, expanding collar ID 50, and collar D 38	001 128.004	5



Rotors and stators

Rule of thumb:

- The finer the granulation and the softer the material to be pumped, the harder the required rubber quality for the screw conveyor barrel.
- The grainier the material and the harder the aggregate, the softer the required rubber quality.



Mixer pump MP 25 MIXIT

Type	Delivery rate (l/min)	l/min at 100 rpm** (75% efficiency)	Colour	Hardness (°Shore)	Max. granulation (mm)	Pump pressure (bar)	Length/ diameter of stator (mm)
D4 1/4	6	2.5	white	70	3	40	270 / 90
D4 1/4	6	2.5	black	65	3	30	270 / 90
D4 1/2	12	4.5	green	70	3	40	270 / 90
D4 1/2	12	4.5	black	65	3	30	270 / 90
D4	20	5.5	red	72	4	20	270 / 90
D4	20	5.5	yellow	50	4	20	270 / 90
D5 short	40	7.8	brown	72	4	20	270 / 90
D6 Twin	25	6.5	white	73	4	40	270 / 90
D6 Power	25	6.5	red	73	4	40	270 / 90
D6-3	25	6.5	orange	73	4	40	270 / 90
D6-3	25	6.5	blue	73	4	40	270 / 90
D6-3 Action	25	6.5	orange	73	4	40	270 / 90
D7-2	35	9	red	73	4	40	270 / 90
D8-2	40	8.8	black	65	4	30	270 / 90

Assembly aid for rotor/stator

	Part no.
Silicone spray, 400 ml spray can	508 975



D 4 Yellow



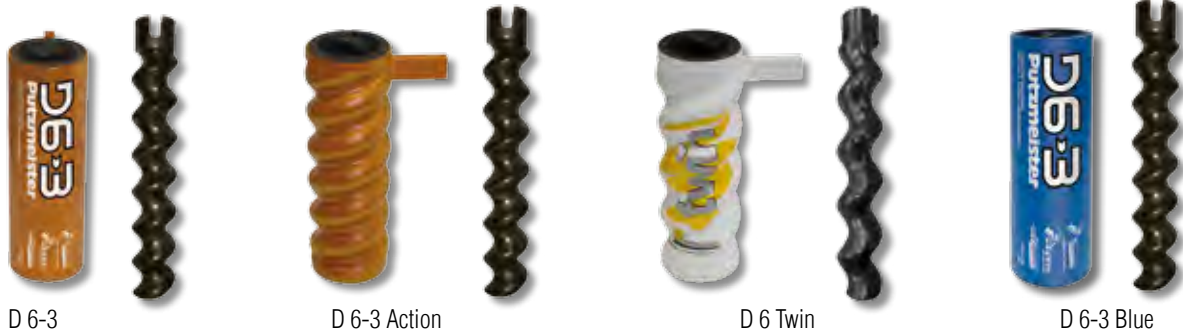
D 6 Power

Sprayboy P 12 worm pump

Type	Delivery rate (l/min)	l/min at 100 rpm** (75% efficiency)	Colour	Hardness (°Shore)	Max. granulation (mm)	Pump pressure (bar)	Length/ diameter of stator (mm)
D4 1/4	1.5 + 3	2.5	white	70	3	40	270 / 90
D4 1/4	1.5 + 3	2.5	black	65	3	30	270 / 90
D4 1/2	2.5 + 5	4.5	green	70	3	40	270 / 90
D4 1/2	2.5 + 5	4.5	black	65	3	30	270 / 90
D4	3.5 + 7.5	5.5	red	72	4	20	270 / 90
D4	3.5 + 7.5	5.5	yellow	50	4	20	270 / 90
D5 short	6 + 12	7.8	brown	72	4	20	270 / 90



	Length of rotor without pin (mm)	Rotor head model	Stator part no.	Rotor part no.	Clamping jacket part no.	Rotor for unimixer part no.
	320	Groove	214 573.006	214 572.007	Maintenance-free	400 912
	320	Groove	402 321	214 572.007	208 129.000	400 912
	320	Groove	214 403.008	214 402.009	Maintenance-free	400 913
	320	Groove	403 523	214 402.009	208 129.000	400 913
	320	Groove	010 316.001	207 140.006	208 128.001	—
	320	Groove	010 313.004	207 140.006	208 128.001	—
	320	Groove	071 011.002	071 234 009	208 128.001	400 910
	320	Groove	406 978	443 740	Maintenance-free	400 911
	320	Groove	206 345.006	443 740	Maintenance-free	400 911
	320	Groove	473 639	473 638	Maintenance-free	487 115
	320	Groove	492 020	473 638	208 129.000	487 115
	320	Groove	482 672	473 638	Maintenance-free	487 115
	320	Groove	485 478	485 479	Maintenance-free	—
	320	Groove	436 746	436 743	Maintenance-free	436 744



	Length of rotor without pin (mm)	Rotor head model	Stator part no.	Rotor part no.	Clamping jacket part no.
	320	Groove	214 573.006	214 572.007	Maintenance-free
	320	Groove	402 321	214 572.007	208 129.000
	320	Groove	214 403.008	214 402.009	Maintenance-free
	320	Groove	403 523	214 402.009	208 129.000
	320	Groove	010 316.001	207 140.006	208 128.001
	320	Groove	010 313.004	207 140.006	208 128.001
	320	Groove	071 011.002	071 234 009	208 128.001

 = series equipment

- * Needs conversion
- ** Depending on material, consistence, delivery range, and pressure
- *** Stainless steel, hard chrome-plated



D 6 Power

D 4 Yellow

D 4 Red

Worm pump S 5 (with screwed-on Cardan shaft)

Type	Delivery rate (l/min)	l/min at 100 rpm** (75% efficiency)	Colour	Hardness (°Shore)	Max. granulation (mm)	Pump pressure (bar)	Length/diameter stator (mm)
2L6	7 - 40	17	yellow	73	6	40	540 / 100
D6 Power*	3 - 18	6.5	red	73	4	40	270 / 90
D8-2*	4 - 23	8.8	black	65	4	30	270 / 90
2L6	7 - 40	17	yellow	73	6	25	540 / 100
2L6	7 - 40	17	yellow	63	6	25	540 / 100
2L74	150	63	blue	55	8	20	670 / 124
2L88	8 - 55	21	brown	72	6	25	540 / 100
2L88*	8 - 55	21	brown	72	6	25	540 / 100
2L88	8 - 55	21	brown	72	6	25	540 / 100
2L54*	8 - 55	24	grey	55	10	25	535 / 124

Worm pump S 5 (with slide-on Cardan shaft)

Type	Delivery rate (l/min)	l/min at 100 rpm** (75% efficiency)	Colour	Hardness (°Shore)	Max. granulation (mm)	Pump pressure (bar)	Length/diameter of stator (mm)
D5*	3 - 18	6.5	red	73	4	40	270 / 90
D6 Power*	3 - 18	6.5	red	73	4	40	270 / 90
D8-2*	4 - 23	8.8	black	65	4	30	270 / 90
2L54	8 - 55	24	grey	55	10	25	535 / 124
2L6	4 - 40	17	yellow	50	6	25	540 / 100
2L6	4 - 40	17	yellow	50	6	25	540 / 100
2L6	4 - 40	17	yellow	63	6	25	540 / 100
2L88	6 - 55	21	brown	50	6	20	540 / 100
1,5L74	170	63	green	55	8	15	517 / 124
2L6	7 - 40	17	yellow	73	6	40	540 / 100

Worm pumps SP 11 LMR, BMB, BMT, BMR, BBR, BUR

Type	Delivery rate (l/min)	l/min at 100 rpm** (75% efficiency)	Colour	Hardness (°Shore)	Max. granulation (mm)	Pump pressure (bar)	Length/diameter of stator (mm)
2L6	4 - 40	17	yellow	50	6	25	540 / 100
2L6	4 - 40	17	yellow	50	6	25	540 / 100
2L6	4 - 40	17	yellow	63	6	25-30	540 / 100
2L88	6 - 55	21	brown	50	6	20	540 / 100
1,5L74	170	63	green	55	8	15	517 / 124
2L6	7 - 40	17	yellow	50	6	25	540 / 100



D 8-2



2L88



2L6



2L6 maintenance-free



Clamping jacket

	Length of rotor without pin (mm)	Rotor head model	Stator part no.	Rotor part no.	Clamping jacket part no.
	620	Groove/bore	211 355.007	521 150	010 433.007
	320	Groove	206 345.006	443 740	Maintenance-free
	320	Groove	436 746	436 743	Maintenance-free
	620	Bore	211 355.007	201 111.002	010 433.007
	620	Bore	430 837	201 111.002	Maintenance-free
	620	Bore	213 018.009	206 395.001	Integrated
	620	Bore	203 509.007	422 650	010 433.007
	620	Groove	203 509.007	211 815.000	010 433.007
	620	Bore	203 509.007	203 511.008	010 433.007
	620	Groove	523 235	211 739.005	Integrated

 = series equipment

* Needs conversion

** depending on material, consistence, delivery range and pressure

	Length of rotor without pin (mm)	Rotor head model	Stator part no.	Rotor part no.	Clamping jacket part no.
	320	Groove	206 345.006	443 740	Maintenance-free
	320	Groove	206 345.006	443 740	Maintenance-free
	320	Groove	436 746	436 743	Maintenance-free
	620	Groove	523 235	211 739.005	Integrated
	620	Groove 16	211 355.007	211 814.001	010 433.007
	620	Groove 16	213 390.002	211 814.001	Integrated
	620	Groove 16	430 837	211 814.001	Maintenance-free
	620	Groove 16	203 509.007	211 815.000	010 433.007
	596	Groove 16	213 027.003	213 028.002	Integrated
	620	Groove/bore	211 355.007	521 150	010 433.007

	Length of rotor without pin (mm)	Rotor head model	Stator part no.	Rotor part no.	Clamping jacket part no.
	620	Groove 16	211 355.007	211 814.001	010 433.007
	620	Groove 16	213 390.002	211 814.001	Integrated
	620	Groove 16	430 837	211 814.001	Maintenance-free
	620	Groove 16	203 509.007	211 815.000	010 433.007
	596	Groove 16	213 027.003	213 028.002	Integrated
	620	Groove/bore	211 355.007	521 150	010 433.007

**Worm pumps SP 11^{BHF}**

Type	Delivery rate (l/min)	l/min at 100 rpm** (75% efficiency)	Colour	Hardness (°Shore)	Max. granulation (mm)	Pump pressure (bar)	Length/diameter of stator (mm)
2L54*	0 - 105	24	grey	55	10	25	535 / 124
2L54*	0 - 105	24	silver	72	8	25	535 / 124
2L74	0 - 200	45.8	blue	55	8	25	670 / 124
2L74*	0 - 200	45.8	blue	72	8	25	670 / 124
2L75	0 - 200	75	grey	55	8	20	670 / 124
2L75*	0 - 200	75	grey	55	8	20	670 / 124

Other worm pumps

Type	Usage in machine	l/min at 100 rpm** (75% efficiency)	Colour	Hardness (°Shore)	Max. granulation (mm)	Pump pressure (bar)	Length/diameter of stator (mm)
1L6	SP 5	14.8	yellow	50	6	15	270 / 100
2L4	P4	5.3	yellow	50	4	20	360 / 75
2L4	P4	5.3	red	72	4	25	360 / 75
2L4	P4	5.3	green	72	4	25	360 / 75
D3	TS3	10	red	72	4	25	315 / 70
D3	TS3	10	green	72	4	25	315 / 70
D5*	MS-x, S 5	12	brown	65	4	20	350 / 90
3L7	SP 11 BUR	17	yellow	50	6	40	534 / 100
3L7	SP 11 BUR	17	yellow	75	6	40	534 / 100
3D7	UMP	17	red	71	6	40	534 / 100
2L6	FMP	17	yellow	50	6	25	540 / 100
2L88	FUMP 70	21	brown	50	6	25	540 / 100
2L88	UMP	21	brown	50	6	25	540 / 100
2L74	P11 SDVF	63	blue	55	8	25	670 / 124
2D8	FUMP, SP 11 E	45.9	red	72	4	25	600 / 145
1,5L8	S8	123	yellow	50	10	15	660 / 190
7515	SP 20	83	white	63	8	35	500 / 159
2L8	SP 20	150	white	63	10	25	650 / 194
N13 S	MP 10 / P12	3.8	grey	73	4	30	160 / 60
EW 40	Strobot 406 S	7	yellow	73	5	30	269 / 86



	Length of rotor without pin (mm)	Rotor head model	Stator part no.	Rotor part no.	Clamping jacket part no.
	620	Groove 16	523 235	211 739.005	Integrated
	620	Groove 16	211 738.006	211 739.005	Integrated
	746	Bore	206 396.000	206 395.001	Maintenance-free
	746	Groove 16	213 018.009	212 506.004	Integrated
	746	Bore	487 262	487 261	Maintenance-free
	746	Groove 16	502 911	500 516	Integrated

 = series equipment

* Needs conversion

** depending on material, consistence, delivery range and pressure

	Length of rotor without pin (mm)	Rotor head model	Stator part no.	Rotor part no.	Clamping jacket part no.
	350	Groove S16	214 536.001	214 537.000	422 747
	407	Groove	010 325.005	010 321.009	010 329.001
	407	Groove	010 326.004	010 321.009	010 329.001
	407	Groove	010 677.009	010 321.009	010 329.001
	379	Groove	072 996.003	072 997.002	073 487.003
	379	Groove	201 175.006	072 997.002	073 487.003
	400	Groove	070 352.005	070 351.006	206 848.008
	620	Groove 16	213 638.007	211 278.003	Maintenance-free
	620	Groove 16	211 503.008	211 278.003	Maintenance-free
	620	Groove 16	208 276.005	208 263.005	Maintenance-free
	620	Groove 12	211 355.007	010 628.003	010 433.007
	620	Groove 14	203 509.007	208 316.004	010 433.007
	620	Bore	203 509.007	422 650	010 433.007
	620	Bore	206 396.000	206 395.001	Maintenance-free
	570	Groove	208 537.003	208 467.005	Maintenance-free
	747	Bore	070 162.004	200 770.004	073 827.003
	623	Hexagonal	525 052	433 023	Maintenance-free
	740	Hexagonal	H7000 508 312	H7000 508 021	Maintenance-free
	206	Groove	506 905	506 867	—
	312	Slot	463 793	506 909	Maintenance-free

**Remixer**

	Part no.
Uni-remixer (fig. 1) without union nuts (Accessories: see rotors with pins)	400 566
Cross-shaped mixing paddle for uni-remixer	400 580
2x union nut	208 801.001
PM coupling V 35 / 25-40, reduced	207 795.008
Pressure gauge 0-60 bar for hoses ID 25-40	214 570.009
Pressure gauge 0-60 bar for hoses ID 35-40	472 506

**Pressure gauge, pressure monitor, T-piece**

Pressure gauge for ID 50	Part no.
With coupling V 50 / grease deposit, 0-6 bar	011 729.008
With coupling V 50 / grease deposit, 0-10 bar	011 730.000
With coupling V 50 / grease deposit, 0-25 bar	426 387
With coupling V 50 / grease deposit, 0-40 bar, diameter of 60 mm	420 989
With coupling V 50 / grease deposit, 0-100 bar	426 388
T-piece for pressure gauge ID 50 mm	071 554.006

Pressure monitor and gauge

Pressure monitor cpl. with grease deposit, 2-32 bar	011 757.009
Protective cap with pressure gauge NG 100	001 252.006
Air test pressure gauge 1", T-piece, 0-6 bar, with Geka coupling	001 160.004
Test pressure gauge with 1" hose nozzle ID 25	014 375.006
Test pressure gauge with 1" hose nozzle ID 25-40	208 745.002
Pressure gauge 0-60 bar for hoses ID 25-40	214 570.009
Pressure gauge 0-60 bar for hoses ID 35-40	472 506

**Mortar hoses to 40 bar operating pressure
(bulk stock, priced per metre)**

	Part no.
ID 25 mm, bulk stock 25 x 7 mm, from a 40 m role	001 602.009
ID 35 mm, bulk stock 35 x 8 mm, from a 40 m role	001 603.008
ID 50 mm, bulk stock 50 x 9 mm, from a 40 m role	501 913

**Mortar hoses, complete with coupling,
ID 20, V 25-40 Geka**

	Part no.
40 bar, 20 x 7 mm, length of 10 m	211 508.003

**Mortar hoses, cpl. with coupling,
ID 25, 40 bar, M 25-40, V 25-40**

	Part no.
40 bar, 25 x 7 mm, length of 5 m	207 803.000
40 bar, 25 x 7 mm, length of 10 m	207 804.009
40 bar, 25 x 7 mm, length of 15 m	211 966.001
40 bar, 25 x 7 mm, length of 20 m	207 806.007

Individual items for retrofitting

Coupling V 25-40 / S 25	208 828.000
Coupling M 25-40 / S 25	211 593.005
ID 25 bulk stock, 25 x 7 mm	001 602.009
4x hose clamp, ID 25, B 200 E	002 337.001
Gasket for coupling	207 764.000

M = female
V = male
S = spout

**Mortar hoses, cpl. with coupling,
ID 25, 40 bar, V 35, V 25-40**

	Part no.
40 bar, 25 x 7 mm, length of 5 m	207 808.005
40 bar, 25 x 7 mm, length of 10 m	207 809.004

Individual items for retrofitting

Coupling V (a) V 25-40 / S 25	208 828.000
Coupling V (b) V 35 / S 25	214 800.009
ID 25 bulk stock, 25 x 7 mm	001 602.009
4x hose clamp ID 35, D 250 e	002 337.001

**Mortar hoses, cpl. with coupling,
ID 35, 40 bar, M 35, V 35**

	Part no.
40 bar, 35 x 8 mm, length of 2 m	070 335.006
40 bar, 35 x 8 mm, length of 13.3 m	207 615.007
40 bar, 35 x 8 mm, length of 20 m	209 950.003

Individual items for retrofitting

Coupling M 35 / S 35	211 594.004
Coupling V 35 / S 35	206 606.004
ID 35 bulk stock, 35 x 8 mm	001 603.008
4x hose clamp, ID 35 B 250 e	002 331.007
Gasket for coupling	213 725.004

**Mortar hoses, cpl. with coupling,
ID 35, 40 bar, M 35, V 50**

	Part no.
40 bar, 35 x 8 mm, length of 13.3 m	207 616.006

Individual items for retrofitting

Coupling M 50 / S 50	211 594.004
Coupling V 50 / S 35	207 621.004
ID 35 bulk stock, 35 x 8 mm	001 603.008
4x hose clamp, ID 35 B 250 e	002 331.007
Gasket for coupling	213 725.004

**Mortar hoses, cpl. with coupling,
ID 50, 40 bar, M 50, V 50**

	Part no.
40 bar, 50 x 9 mm, length of 13.3 m	501 914
40 bar, 50 x 9 mm, length of 20 m	501 915

Individual items for retrofitting

Coupling M 50 / S 50	211 595.003
Coupling V 50 / S 50	206 604.006
ID 50 bulk stock, 50 x 9 mm	501 913
4x hose clamp, ID 50 B 250 e	001 046.005
Gasket for coupling	213 266.000

**Putzmeister couplings for mortar hoses
with 25-50 mm ID**

	Part no.
M 25-40 / RI 1"	211 597.001
M 35 / RI 1"	211 598.000
M 35 / RI 1½"	211 599.009
M 50 / RI 2"	211 600.008
M 35 / RA 1½"	070 315.000
M 50 / RA 2"	211 848.006
V 25-40 / RI 1"	207 763.001
V 25-40 / RI 1½"	207 813.003
V 35 / RI 1"	207 618.004
V 35 / RI 1" plastic	203 135.002
V 35 / RI 1½"	070 316.009
V 35 / RI 2"	208 453.006
V 35 / RI ¾"	207 635.003
V 50 / RI 2"	205 273.001
V 50vRI 1"	207 629.006
V 50 / RI 2½"	210 793.000
M 25-40 / S 25	211 593.005
M 35 / S 35	211 594.004
M 50 / S 50	211 595.003
V 25-40 / S 25	208 828.000
V 35 / S 25	214 800.009
V 35 / S 35	206 606.004
V 50 / S 50	206 604.006
V 50 / S 35	207 621.004
V 35-V 25 / 40, reduced	207 795.008
V 25 Geka	531 291
V 35 Geka	531 288
M 25 / 40-V 25	208 838.003
V 50 - M 35 tapering	213 217.004
M 50 - V 35 tapering	211 290.007
V 50 self-sealing coupling	208 454.005

Rotary feedthrough

	Part no.
M 25-40 / RI 1" aluminium coupling, cpl.	403 330

**Hose spouts with thread
for mortar hoses with 20-50 mm ID**

	Part no.
S-spout, 20 mm, RA 1"	211 536.004
S-spout, 25 mm, RA 1"	205 464.001
S-spout, 35 mm, RA 1½"	205 465.000
S-spout, 50 mm, RA 2"	205 466.009

M = female
V = male
S = spout

Sealing rings

	Part no.
ID 25-40 mm, 42 x 27 x 6 mm	207 764.000
ID 35 mm, 54 x 37 x 6 mm	213 725.004
ID 50 mm, 67 x 51 x 6 mm	213 266.000

Hose clamps

	Part no.
ID 25 mm, for mortar hose B20 Oe.	002 337.001
ID 35 mm, for mortar hose B25 Oe.	002 331.007
ID 50 mm, for mortar hose B25 Oe.	001 046.005
ID 65 mm, 2-part, for mortar hose B25	015 288.008
ID 90 mm, for mortar hose	016 337.000
ID 98 mm, for suction hose	002 247.007

Width	Hose, external	Part no.
8.1 mm	Diameter of 6-16 mm	002 333.005
14.3 mm	Diameter of 32-50 mm	002 332.006
14.3 mm	Diameter of 40-60 mm	002 334.004
12.0 mm	Diameter of 20-32 mm	001 422.001
12.0 mm	Diameter of 57 mm	001 433.003
12.2 mm	Diameter of 44-56 mm	001 421.002

Hose clamps for air hoses

Width	Hose, external	Part no.
8 mm	Diameter of 15-17 mm	002 328.007
8 mm	Diameter of 17-20 mm	002 329.006
8 mm	Diameter of 20-23 mm	002 330.008

Cam lever

	Part no.
Reinforced cam lever, cast steel	211 535.005
Heavy-duty, reinforced dowel pin (10 pcs delivered in set):	
– For 35 and 25 female parts, size 6/30 and 3.5/30	441 055
– For 50 female parts, size 6/40 and 3.5/40	441 056
Spiral dowel pin for 25 and 35 parts, 6 x 28	211 613.008
Spiral dowel pin for 25-40, 6 x 30	211 609.009
Spiral dowel pin for 50, 6 x 36	211 610.001
Retaining ring for cam lever	001 698.000

Water hose ¾"

	Part no.
Water hose, GEKA coupling ¾" ID, length of 40 m	210 789.001
Spray nozzle, GEKA coupling ½" ID, can be shut off	042 419.002

Air hoses ½"

Coupling	Length	Part no.
GEKA ½" ID	10 m	001 682.003
GEKA ½" ID	15 m	212 333.002
GEKA ½" ID	20 m	001 665.004
GEKA ½" ID	40 m	214 734.007

Air hoses EWO

Diameter	Length	Part no.
10 mm	10 m	463 791
10 mm	25 m	462 721

EWO coupling

	Part no.
RA ½"	213 269.007

GEKA quick-release couplers for water and air hoses with ¾"-1" ID"

	Part no.
Sealing, GEKA plus	413 895
Gasket	002 313.009
S ⅜"	018 535.004
S ½"	002 312.000
S ¾"	001 387.007
S 1"	001 390.007
RA ⅜"	041 403.006
RA ¾"	001 386.008
RA 1"	062 815.000
RA 1¼"	062 861.009
RA ½"	014 068.009
RI ½"	062 621.003
RI ¾"	002 311.001
RI 1"	001 391.006
RI 1¼"	062 622.002
RI ⅜"	424 458

S = spout RA = outer thread RI = inner thread

Fine plaster spray gun, plastic, for premixed dry mortar

To a granulation of 4 mm for all premixed dry mortar to be reworked, e.g. gypsum plaster, lime cement plaster etc., max. throughput of 30 l/min, air requirement of approx. 200 l/min.



Nominal diameter	Mortar nozzle	Air nozzle	Model	Nozzle diameter	Weight	Fig.	Part no.
M 25-40 with swivel coupling	yes	2	Short, 300 mm	14 mm	2.4 kg	5	408 237
M 25-40 with swivel coupling	—	1	Short, 405 mm	14 mm	1.2 kg	1	402 592 MP 25 Standard
M 25-40 with swivel coupling	—	1	Long, 1,460 mm	14 mm	2.6 kg	1	403 812
M 25-40 with swivel coupling and angled aluminium head	—	1	Long, 770 mm	14 mm	1.2 kg	2	404 479
M 25-40 with swivel coupling and angled aluminium head	—	1	Long, 1,185 mm	14 mm	1.5 kg	2	404 361
V 35 mm	—	1	Short, 285 mm	14 mm	0.6 kg	3	203 054.002
V 35 mm	yes	1	Short, 450 mm	14 mm	0.65 kg	4	209 174.009

Mortar nozzles, conical

Diameter	Part no.
10 mm	521 640
12 mm	521 641
14 mm	521 642
16 mm	521 643

**Rubber fine plaster nozzles**

Diameter	Quality PE part no.	Quality PU part no.
8 mm	214 751.006	417 556
10 mm	214 752.005	417 974
12 mm	214 753.004	410 982
14 mm	214 754.003	417 554
16 mm	214 755.002	417 555

Rubber collar nozzles

Diameter	Part no.
18 mm	001 329.007
20 mm	001 330.009

Base coat plaster spray guns, aluminium, for freshly prepared mortar and site-made mixes

Up to a maximum granulation of 8 mm, can be used for base spray plaster, base coat plaster, scraped plaster, and insulating plaster, primarily suited for dry materials but can also be used for site-made mixes. Max. throughput of 40 l/min, air requirement of approx. 200–400 l/min. All 3 spray guns are in ID V 35 and have 2 air cocks and 1 bore.

Model	Nozzle diameter	Weight	Part no.
Short, 185 mm, straight	20 and 16 mm	1.4 kg	001 306.004
Short, 700 mm, angular	20 and 16 mm	1.5 kg	209 307.009
Long, 1,300 mm, angular	20 and 16 mm	1.7 kg	209 308.008

**Structure spray guns**

For a granulation of up to approx. 4-6 mm, mineral/dispersion plasters, sealing slurry, filling compounds etc., throughput of up to 10 l/min, air requirement of 400-800 l/min.

ID	Nozzle diameter	Weight	Part no.
M 25 mm	4, 6, 8 mm	2.2 kg	071 473.006
M 25-40 mm	4, 6, 8 mm	2.2 kg	208 751.009

Spray nozzles for structure spray gun

Diameter	Part no.
4 mm	000 225.005
6 mm	000 227.003
8 mm	000 229.001
9 mm	000 230.003
10 mm	000 231.002

Material nozzles for structure spray guns

Diameter	Diameter / model	Part no.
12 mm	Air bores, diameter of 3 mm – red	206 734.002
12 mm	Air bores, diameter of 2 mm – silver	206 751.001

**Refurbishing spray gun**

For a granulation of up to 6 mm for special mineral renovation plasters, concreting with a ring nozzle and flexible spray tube.

Diameter	Part no.
ID 1", diameter of 12 mm nozzle, RI1" AG, weight of 1.2 kg	207 283.002
ID V 35 / RI1", coupling connection – plastic	203 135.002
ID M 25-40 / RI1", coupling connection	211 597.001

Vulkollan nozzle jet

diameter 15 mm	207 286.009
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Concrete spray nozzles, plastic

ID	Air cock	Accessory for air cock	Nozzle diameter	Weight	Part no.
V 35 mm	1	1	28 mm	3.0 kg	011 780.005
V 50 mm	1	2	30 mm	3.5 kg	072 157.004

**Applying nozzle**

	Part no.
RI1"/GEKA mortar applying nozzle, 160 mm wide	071 566.007

Joint and frame filling devices and cable remote controls

Inner nozzle diameter		Part no.
ID 10	Joint device with tangent. spray head and joint nozzles, swivel coupling M 25-40	415 689
ID 25	Frame connector filling device with ball valve, swivel coupling M 25-40, as per fig 20 m with e-remote control cable (for MP + Sprayboy)	214 236.000
	Remote control cable with Binder connector and switch, 20 m long	214 254.008
ID 25	Frame connector filler hose with coupling M 25-40, 30 cm long	408 373
	E-remote control with on/off switch (Binder connector), 60 m	269 446.007
	E-remote control cable with connector (Binder) for extension, 30 m	211 507.004
	E-remote control cable with connector (Binder) for extension, 20 m, 3 x 0.75	211 506.005
	E-remote control cable with connector (Binder) for extension, 10 m, 3 x 0.75	211 505.006



**Adhesive guns (boxed sets)**

Coupling	Part no.
For PM coupling, consisting of: adhesive gun cpl., toolbox 410, cleaning brush D, grease gun - small, adapter cable, Harting/Binder, with PM coupling	408 422
We recommend:	
20 m remote control cable	211 506.005

**Injection nozzles**

Coupling	Part no.
Injection nozzle, cpl. with T-piece, pressure gauge, remote control air cock, coupling with spout ID 50, mounted expanding collar D 45, and collar D 38	001 128.004
Injection nozzle as above but without T-piece, without pressure gauge, and without remote control cock, connection V 35/RI 1"	001 133.002
Expanding collar D 38	070 344.000
Expanding collar D 45	070 345.009



1



2



3

Compressors

	Fig.	Part no.
Compressor, 200 l/min, 400 V / 50 Hz, 3-phase, without cut-out (MP series)	1	481 074
Compressor, 180 l/min, 230 V / 50 Hz, 1-phase, with cut-out	1	481 087
HANDY compressor, 250 l/min, 400 V / 50 Hz, 3-phase	2	000 235.008
HANDY compressor, 250 l/min, 230 V / 50 Hz, 1-phase	2	000 215.002
Coupling 1/4" GEKA (*)		207 969.009
(*) Required if compressor is not used in conjunction with a mixer pump		
Compressor, V-MEKO 400, 360 l/min, 400 V / 50 Hz, with pressure cut-off	3	400 168
Compressor, V-MEKO 400, 360 l/min, 400 V / 50 Hz, without pressure cut-off	3	205 767.009
Compressor, V-MEKO, 360 l/min, 3 x 220 V / 60 Hz	3	210 072.006
Compressor V-MEKO, 360 l/min, 3 x 380 V / 60 Hz, with pressure cut-off	3	462 267

**Hopper sprayguns with accessories**

	Part no.
Hopper spraygun, cpl. with air hose in box	207 307.001
Hopper spraygun without hose and packaging	210 014.006
Air hose with EWO plug coupling, 10 m	209 345.003
Air hose with EWO plug nipple/ GEKA coupling	207 958.007
Stands for hopper sprayguns	206 766.009
Angle piece	001 430.006

Rotary distributor (RV)

Rotary distributors are ideal for the simple and flexible delivery and distribution of fine concrete at construction sites. There are different rotary distributor sizes to be used in accordance with different site conditions.

Technical data:

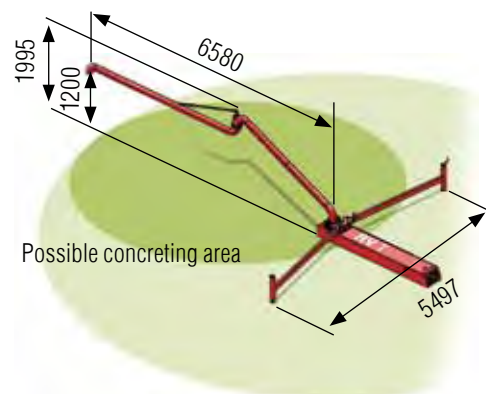
Type	Delivery pipeline - ID	Arms	Reach (m)	Concreting area (m ²)	Transport dimensions, L x W x H (m)	Weight (kg)	Part no.
RV 0	125	—	—	—	0.8 x 0.5 diameter	68	500 570
RV 7	125	2	6.58	132	4.2 x 0.6 x 0.8	610	455 597
RV 10	125	2	10	320	7.10 x 1.03 x 1.76	1.020	426 078

**RV 0**

The RV 0 is the smallest rotary distributor in the range. It is particularly suited to cramped construction sites. This compact, hand-guided additional unit for concrete distribution has an unrestricted slewing circle.

Part no.

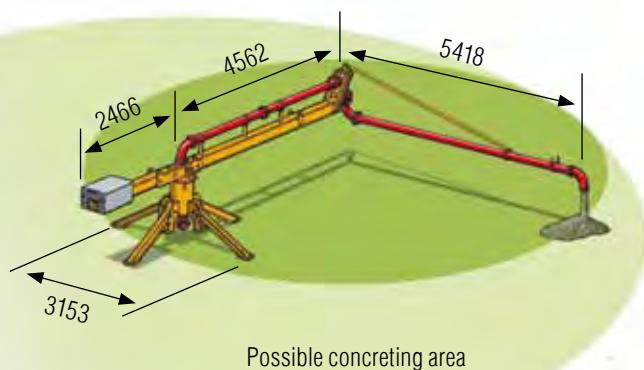
500 570

**RV 7**

The RV 7 is suitable for small construction sites on roofs and for the concreting of pillars. The RV 7 is stabilized by 6 individual weights which can be removed in order to transport it.

Part no.

455 597

**RV 10**

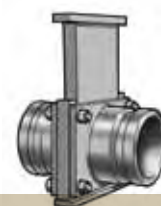
The RV 10 is a flexible rotary distributor which is ideal for large areas and roofs. Large areas of up to 320 m² can be concreted from one fixed location.

Part no.

426 078

Accessories for the RV 10

	Part no.
Underlay plate, 1 set, 4 pcs	481 026

**Manual gate valve GVM**

GVMs (manual gate valves) are simple shut-off gates. They are opened and closed manually, i.e. using a hammer. They are available for low pressure requirements of up to 20 bar and for high pressure requirements of up to 130 bar.

	Part no.
Manual gate valve GVM 2/2, 130 bar, SK 125, 5.5"	413 087
Manual gate valve GVM 2/2, 130 bar, SK 100, 4.5"	222 362.005


For cleaning delivery hoses

Rubber sponge balls	Diameter mm	Part no.
For delivery hose ID 13 mm	19	470 376
For delivery hose ID 18 mm	20	429 483
For delivery hose ID 20 mm	25	429 485
For delivery hose ID 25 mm	30	000 239.004
For delivery hose ID 35 mm	45	065 044.001
For delivery hose ID 50 mm	60	000 212.005
For delivery hose ID 60 + 65 mm	80	000 246.000
For delivery hose ID 60 + 65 mm	70	258 320.008
For delivery hose ID 90 + 100 mm	120	016 091.003


For cleaning and maintenance

	Part no.
PM hand lever grease gun with hose	000 211.006
Grease cartridges with high-performance lubricating grease, 400 g	000 113.007
Grease gun, small	000 112.008
Cleaning brush	000 100.007
PM spray gun incl. 5 m hose	000 210.007
Cleaning spray device, V 35, aluminium, short without nozzle, with air fitting	211 564.005
Nozzle, steel, diameter of 8/14	210 127.003
Nozzle, steel, diameter of 10/16	210 126.004
Nozzle, steel, diameter of 12/18	210 129.001
Cleaning agent and preservative Limpiol 354 20 l can (enough for approx. 400 - 600 m ²), biodegradable	410 139
PM grout, 18 l storage tank, 25 pcs	266 743.004


Machine and work accessories

		Part no.
Chock – steel plate 636		015 006.002
Chock – plastic UK 10		415 904
Chock – plastic UK 36		484 954
Bracket for UK 36		484 956
Bracket for UK 10		415 905
Holder for 636		061 362.004
Trailer lighting holder, 1.6 m cable	13-pin connector, 12 V	496 261
Trailer lighting holder, 1.6 m cable	13-pin connector, 24 V	507 177
Trailer lighting holder, 1 m wide, 6 m cable	7-pin connector, 24 V	209 028.003
Trailer lighting holder, 1 m wide, 6 m cable	7-pin connector, 12 V	207 525.003
Car cable adapter, 13- to 7-pin connector, 12 V		437 679
Car cable adapter, 7- to 13-pin connector, 12 V		248 012.009
Licence plate bracket with hinged frame		362 732.003
Safety helmet, yellow, with PM overprint		064 626.006

**Power cable/construction site lead**

	Part no.
Extension cable, 16 amps, 230 V 3 x 2.5 mm ² , 20 m	212 960.006
Construction site lead with CEE plug, 16 amps, 10 m, 5 x 2.5 mm ²	211 457.002
Construction site lead with CEE plug, 16 amps, 25 m, 5 x 2.5 mm ²	214 592.003
Construction site lead with CEE plug, 32 amps, 50 m, 5 x 2.5 mm ²	062 921.004
Construction site lead with CEE plug, 32 amps, 25 m, 5 x 4 mm ²	062 922.003
Construction site lead with CEE plug, 32 amps, 50 m, 5 x 4 mm ²	062 923.002

**Cable drum**

	Part no.
Cable drum with 40 m of 230 V cable and 4x 230 V sockets	463 811
Cable drum with 25 m 380 V cable and 4x 230 V sockets, fuse for every two sockets, 16 amps	482 853

**Main power cable**

	Part no.
Main power cable, 230 V, 5 m (406 S)	470 368
Main plug, 230 V	470 370

**Distributor**

	Part no.
Distributor, 380 V, 32 amp supply voltage and power socket, 380 V, 16 amps and 4x 230 V sockets	463 819