

MP 22 – the small mixer pump



MP 22 The MP 22 is the small, simple mixer pump for painters, refurbishes, smaller gangs, novices in the plastering trade or just simply for the small job in between.

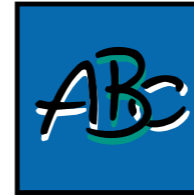
It has nevertheless all the advantages of a high-value mixer pump and reliably handles all pumpable dry mixed mortars.

PM Putzmeister
Mörtelmaschinen

MP 22 – unlimited possible operations



General



The MP 22 is the successor to the successful MP 20 and is full of practical novelties.

The MP 22 is the small version amongst the Putzmeister mixer pumps. And despite minimum dimensions and simple equipment, it is a high-value machine fit for the field. It's just simply a real Putzmeister mixer pump.

Types of operation



The new MP 22 is a typical Putzmeister mixer pump. And this is why it can be used amazingly flexibly – both inside and outside.

It handles all pumpable drymixed mortars

- ground coat plaster
- reinforcement mortar
- fireproof mortar
- textured plaster
- and especially for bonding mortars (for heat-insulating material)

Thanks to this wide spectrum, the MP 22 can be used almost everywhere.

It is the favourably-priced spare machine in case of need or if you need additional capacity. Or you can use it for orders for which the other machines are too large or too expensive.



The MP 22 can be used both inside and outside.



You can use the MP 22 without any problems for more sophisticated operation such as here for heat-insulating material.



It is the ideal machine for small jobs, such as here for filling door frames or for refurbishment work.

MP 22 – compact, light-weight and full of practical ideas

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Handling and operation



The set-up of the small MP 22 is based on the principle "simple, effective and reliable". And this is how a machine emerges that can offer just what one expects from a plastering machine nowadays – not more but also not less!

Just as with all Putzmeister mixer pumps you can of course also dismantle the MP 22 quickly into manageable components that are easy to transport.

The advantages are obvious – it's easy for you to put the MP 22 into your estate car. And when you arrive at the construction site you don't need to carry a bulky complete machine to the top storeys.

Two men can transport the four components to the place of operation. No part weighs more than 86 kg.

Reassembly is then easily carried out by just one man at the top – completely without tools! The other man can then attend to other preparations for work. For example connect up the hoses for air and water, and off you go!

The large hopper is the central construction part of the MP 22. Compared to its predecessor, the MP 20, we have enlarged it. At the same time it was possible to reduce the filling height by 14 cm. This is a great win in comfort and alleviates work. And the larger volume of the hopper makes work with the MP 22 less stressful. The hopper is, by the way, just placed on the machine. This is time-saving when disassembling or reassembling.

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The great advantage of the MP 22 is the way it can be disassembled. But it is also very easy to reassemble – even on uneven construction site ground.

Thanks to the new hopper design, it was possible to increase the through-put to the mixing chamber over 40 %. Material therefore flows even better into the 'wet zone' of the machine and mortar pumping is improved without interruption – also preventing so-called "material bridging".

The well-arranged operating elements are even simpler. All connections and controls are now centrally arranged on the reverse side of the MP 22. You can now see everything at a glance and no longer need to walk around your machine.

And although the MP 22 is a bargain it has still been equipped with many well-proven construction units of the larger MP 25.

Our engineers have, for example, donated the stronger pump gear of the larger sister.

And there is still a lot more to say with regard to reliability. Because only robust, reliable and long-life components have been used for the MP 22.

The MP 22 fulfills all valid safety requirements at present.

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The through-put in the mixing chamber was increased by 40 %. This means that the dry material flows even better.

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All connections and operating elements are arranged at the rear – outside the "dirty area".

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MP 22 – versatile in the choice of material and type of operation

Mortar	Rotor/ Stator	Mixer shaft	Ø Mortar hose	Del. perform.	Max. del. distance
Gypsum machine plaster	D6	Standard	NW 25	25 l/ min	30 m
Gypsum machine plaster lightweight	D6	Standard	NW 25	25 l/ min	30 m
Gypsum lime machine plaster	D6	Standard	NW 25	25 l/ min	30 m
Ground coat plaster	D6	Standard	NW 25	22 l/ min	30 m
Ground coat plaster, lightw.	D6	Standard	NW 25	22 l/ min	30 m
Bonding mortar	D4½	Standard	NW 25	12 l/ min	50 m
Insulating plaster	D8-2	Insulating plaster	NW 35	40 l/ min	40 m
Spray plasters	D4¼	Standard	NW 25	7 l/ min	30 m
Textured plaster	D4¼	Standard	NW 25	7 l/ min	30 m
Rough cast	D6	Standard	NW 25	22 l/ min	20 m
Sealing mortar	D4½	Standard	NW 25	12 l/ min	20 m
Fire-proofing mortar	D4½	Standard	NW 25	12 l/ min	20 m

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Worm parts (rotor and stator) + mixing shaft

D4¼ – maintenance-free



D4¼ – maintenance-free

Mixing shaft standard + insulating plaster



D6 Power – maintenance-free



D6 Twin – maintenance-free

D8-2 – maintenance-free

Service + maintenance



The necessary maintenance work is also just as simple as the operation of the MP 22.

The few wear parts such as the stator, worm parts or mixing shaft can easily be exchanged.

If, however, you should have trouble sometime, please don't hesitate to contact the Putzmeister dealer close to you. He will help you quickly and correctly.

Variants and accessories



MP 22 (Plastering- and Bonding version)

Mixer pump drive electric 5,5 kW, 400 V/ 50 Hz, pump type D6, output 25 l/ min at max. delivery pressure of 30 bar, max. grain 4 mm, hopper content 50 l, conical mixing tube, hose connection M35/ V25 mm, possibility to connect an el. remote control. Recommended here is a lead cable with CEE plug 5 x 2,5 mm², 16 Amp.

MP 22^{230 V} (Plastering- and Bonding version)

Mixer pump drive electric 4,0 kW, 230 V/ 50 Hz, pump type D6-2, output 16 l/ min at max. delivery pressure of 20 bar, max. grain 3 mm, hopper content 50 l, conical mixing tube, hose connection M35/ V25 mm. Connection for cable

remote control. Recommended here is a lead cable with CEE plug 3 x 2,5 mm², 16 Amp.

Pump parts

- D4 1/4, 6 l/ min stator 214 573.006
rotor 214 572.007
- D4 1/2, 12 l/ min stator 214 403.008
rotor 214 402.009
- D6 Twin, 25 l/ min stator 406 978
rotor 443 740
- D6 Power, 25 l/ min stator 206 345.006
rotor 443 740
- D8-2, 40 l/ min stator 436 746
rotor 436 743

Accessories for adhesive mortar and backfilling work

- Applying nozzle NW 25/ Geka NG 160 071 566.007
- Spray adhesive gun NW 25 with shut-off valve and el. adapter for pump 402 726
- Remote control cable, 20 m with toggle switch 269 446.007
- Remote control cable 10 m extension 211 506.005

Other accessories

- Water inlet nozzle reduces the water inlet of R1" to 4.5 mm Ø 400 728
- Flow meter 40 – 400 l/ h (for D 4½ and D 4¼) 407 200
- Standard mixing shaft for the most applications 212 627.006
- Mixing shaft for insulating plaster 212 328.004



The mixing tube cleaner is placed close-by.

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The MP 22 is used everywhere where work is carried out with bagged material.

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On request the model MP 22 is available as MP 22^{230 V}.

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MP 22 – the complete data

Model	MP 22	MP 22 ^{230 V}
Pump type	D6 Power	D6-2
Output	25 l/ min	16 l/ min
Delivery pressure*	30 bar	20 bar
Delivery distance*	40 m	15 m
Delivery height*	15 m	10 m
Air compressor	Piston compressor, 208 l/ min, 5.5 kW, 392 rpm, 400 V, 50 Hz	Piston compressor, 180 l/ min 4 kW, 366 rpm, 230 V, 50 Hz frequency converter
Drive of the pump		
Contents of bag feeding hopper	50 l	50 l
Filling height	1,080 mm	1,080 mm
Weight (empty)	160 kg	165 kg
Dimensions (L x W x H)	1,120 mm x 660 mm x 1,269 mm	1,120 mm x 660 mm x 1,276 mm

Part no.	111 479.009	111 479.012
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*statements are experimental values without obligation and depend on the type of material.

■ Standard equipment MP 22

compressor 208 l/ min with switch-off, 1 x mortar hose 10 m, 25/ 40 mm, air hose, spray gun and compressor, mixing shaft MP 22 plaster, control for remote control, cleaning tools, operating instructions, standard tools.

■ Standard equipment MP 22^{230 V}

1 x mortar hose 10 m, 25/ 40 mm, 1 x air hose 10 m, ½" spray gun NW 25/ 40 mixing shaft, compressor 180 l/ min 230 V with switch-off. Cleaning tools, pump testing gauge, operating instructions, standard tools.

■ Optional accessories (excerpt)

Mortar hoses		
NW 25, 10 m	207 804.009	
NW 25, 15 m	211 966.001	
NW 25, 20 m	207 806.007	
Air hoses		
½", 10 m	001 682.003	
½", 20 m	001 665.004	
Rubber fine nozzles		
ø 10 mm	214 752.005	
ø 12 mm	214 753.004	
ø 14 mm	214 754.003	
ø 16 mm	214 755.002	

Spray gun/ bonding guns		
PM-bonding guns kit		
in case	408 422	
Spray gun, short, NW 25/ 40		
with alum.		
rotating coupling	402 592	
Spray gun, extended 760 mm		
NW 25/ 40 with alum.		
rotating coupling	404 479	
Spray gun extended 1.000 mm,		
NW 25/ 40 with alum.		
rotating coupling	404 361	

You will find more accessories in our general catalogue. Please ask for your own free copy.

■ Putzmeister Mörtelmaschinen GmbH

is a member of the Putzmeister Group with headquarters in Aichtal near Stuttgart.

Since 1958, Putzmeister has been a manufacturer and worldwide supplier of mortar machines, plaster spray and paint pumps, concrete pumps, tunnelling machines, industrial pumps, heavy-duty robotics for cleaning systems and installations, and high-pressure cleaning systems for professional use.

This powerful bond offers sales partners all over the world the ideal conditions with regard to compe-



tency, investment security and optimum service in all sectors.

■ Your Putzmeister Partner

