

# MP 22 – the complete data

Model	MP 22	MP 22 <sup>230 V</sup>
Pump type	D6 Power	D6-2
Output	25 l/min	16 l/min
Delivery pressure*	40 bar	20 bar
Delivery distance*	40 m	15 m
Delivery height*	15 m	10 m
Air compressor	Piston compressor, 200 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 4 mm	1,072 mm 3 mm
Weight (empty)	160 kg	165 kg
Dimensions (L x W x H)	1,200 mm x 660 mm x 1,276 mm	1,120 mm x 660 mm x 1,269 mm
Discharge connection	M 35	M 35
<b>Part no.</b>	<b>111 479.009</b>	<b>111 479.025</b>

\*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<sup>230 V</sup>

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

## Putzmeister Mörtelmaschinen GmbH

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

Since 1958, Putzmeister has been a manu-  
facturer and worldwide supplier of mortar  
machines, plaster spray and paint pumps,  
concrete pumps, tunnelling machines, indus-  
trial 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 competency, investment security  
and optimum service in all sectors.



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## Optional accessories (excerpt)

Mortar hoses		Spray gun / bonding guns	
ID 25, 10 m	207 804.009	PM-bonding guns kit	
ID 25, 15 m	211 966.001	in case	408 422
ID 25, 20 m	207 806.007	Spray gun, short, ID 25 / 40 with alum.	
Air hoses		rotating coupling	402 592
½", 10 m	001 682.003	Spray gun, extended 760 mm ID 25 / 40 with alum.	
½", 20 m	001 665.004	rotating coupling	404 479
Rubber fine nozzles		Spray gun extended 1.000 mm, ID 25 / 40 with alum.	
ø 10 mm	214 752.005	rotating coupling	404 361
ø 12 mm	214 753.004		
ø 14 mm	214 754.003		
ø 16 mm	214 755.002		

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

# 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.

The pictures show some of the special accessories. Subject to technical changes, errors and alterations. Technical data may be changed without prior notice. For safe and correct operation of the machine, please refer to the appropriate operating manual. © 2004 by Putzmeister Mörtelmaschinen GmbH. All rights reserved. (2/003 SD)

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# MP 22 – unlimited possible operations

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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 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.

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The MP 22 can be used both inside and outside.

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

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

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

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## ■ Types of 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 – nothing more but also nothing less!

Just as with all Putzmeister mixer pumps you of course can 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 on site is then easily carried out by just one man – 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. 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.

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.

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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.

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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	D 6	Standard	ID 25	25 l/min	30 m
Gypsum machine plaster lightweight	D 6	Standard	ID 25	25 l/min	30 m
Gypsum lime machine plaster	D 6	Standard	ID 25	25 l/min	30 m
Ground coat plaster	D 6	Standard	ID 25	25 l/min	30 m
Ground coat plaster, lightw.	D 6	Standard	ID 25	25 l/min	30 m
Bonding mortar	D 4½	Standard	ID 25	12 l/min	50 m
Insulating plaster	D 8-2	Insulating plaster	ID 35	40 l/min	40 m
Spray plasters	D 4¼	Standard	ID 25	6 l/min	30 m
Textured plaster	D 4¼	Standard	ID 25	6 l/min	30 m
Rough cast	D 6	Standard	ID 25	25 l/min	20 m
Sealing mortar	D 4½	Standard	ID 25	12 l/min	20 m
Fire-proofing mortar	D 4½	Standard	ID 25	12 l/min	20 m

## Maintenance and service

The necessary maintenance work is 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.

## Variations and accessories

### MP 22 (Plastering- and Bonding version)

Mixer pump drive electric 5.5 kW, 400 V / 50 Hz, pump type D 6, output 25 l/min at max. delivery pressure of 30 bar, max. grain 4 mm, hopper content 50 l, conical mixing tube, hose connection M 35 / V 25 mm, possibility to connect an el. remote control. Recommended here is a lead cable with CEE plug 5 x 2.5 mm<sup>2</sup>, 16 Amp.

### MP 22<sup>230 V</sup> (Plastering- and Bonding version)

Mixer pump drive electric 4.0 kW, 230 V / 50 Hz, pump type D 6-2, output 16 l/min at max. delivery pressure of 20 bar, max. grain 3 mm, hopper content 50 l, conical mixing tube, hose connection M 35 / V 25 mm. Connection for cable remote control. Recommended here is a lead cable with CEE plug 3 x 2.5 mm<sup>2</sup>, 16 Amp.

## Pump parts

- D 4 1/4, 6 l/min stator rotor 214 573.006 214 572.007
- D 4 1/2, 12 l/min stator rotor 214 403.008 214 402.009
- D 6 Twin, 25 l/min stator rotor 406 978 443 740
- D 6 Power, red, 25 l/min stator rotor 206 345.006 443 740

- D 8-2, black, 40 l/min stator rotor 436 746 436 743

- D 6-3, orange, 25 l/min Stator Rotor 473 639 473 638

- D 6-3, blue, 25 l/min Stator Rotor 492 020 473 638

- D 6-3 Action, orange, 25 l/min Stator Rotor 482 672 473 638

## Accessories for adhesive mortar and backfilling work

- Applying nozzle ID 25 / Geka NG 160 071 566.007
- Spray adhesive gun ID 25 with shut-off valve and el. adapter for pump 408 422
- 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 mixing and pumping units of 5 l/min 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.



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



On request the model MP 22 is available as MP 22<sup>230 V</sup>.

## Worm parts (rotor and stator) + mixing shaft

