

# P50

## The flexible pump!



The m-tec P50 is a powerful mortar pump for conveying all pumpable product with a max grain size up to 8 mm. Therefore the P50 is the perfect machine for processing mortars, concretes, plasters as well as self leveling compounds and floor screeds. The P50 is available in different designs suitable for the different applications with an output up to 110 l/min.

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The constructive concept of the m-tec P50 leads to "site-adapted" machine configurations, which allow the optimal performances for each individual application process. Two sizes of hopper are available, 90 liters and 120 liters. The latter can be optionally equipped with an additional agitator, which grants the perfect mixing quality also for the hardly mixable products.

The m-tec P50 can be equipped with 5,5 kW, 7,5 kW or 8,3 kW power engine. If requested, the drive speed can be controlled by an inverter. Thus, the pumping capacity can be easily adapted to the requirements of the jobsite.

The control panel, with clearly arranged components, is designed as a stand-alone unit, so that the pump itself can be easily cleaned even by mean of a high pressure cleaner. Moreover all the P50 variants are equipped with the "easy to clean" stainless steel hopper.

Of course, the P50 is equipped with connections for operating with an air compressor and for the fully automatic feeding by a mixing unit. The big wheels enable smooth transport on site.

## > P50: facts

### Areas of use and applications

All pumpable dry mortars, such as:

- Floor screeds
- Lime gypsum plasters
- Cement plasters
- Lime plasters
- Lime cement plasters
- Finishing plasters
- Reinforcing mortar and adhesive mortar
- Thin layer filling compounds
- Self-levelling-products

### Scope of delivery

Pump P50 incl. pump motor, material container, miscellaneous accessories available

For details please contact your local sales representative or dealer.

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### Recommended accessories

pumping end piece including pressure gauge, motor coupling with wear bushing, compressor, remote control cable, fine plaster spray gun, adhesive gun,

### P50: added benefits



#### EasyPump

The use of a frequency converter (optional) enables the pump motor to be started at full power and permits a continuously adjustable output.



#### EasyUse

Clearly structured controls, longlife parts as well as big wheels are only some examples for the easy use of the P50.



### Specifications

|                            |   |
|----------------------------|---|
| Standard delivery volume:* | approx. 30 – 110 l/min<br>(depending on rotor/stator and version)   |
| Conveying distance:*       | up to 120 m   |
| Conveying height:*         | up to 40 m  |
| Conveying pressure:*       | up to 30 bar  |
| Drive motor:               | 5.5 - 8.3 kW, 400V, 50 Hz   |
| Electrical connection:     | 400 V, 50 Hz, 3 ph  |
| Fuse:                      | 25 A / 35 A   |
| Connecting cable:          | 5 x 4,0 mm <sup>2</sup>   |
| Connector:                 | 32 A, 5 p, 6 h  |
| Water supply:              | 3/4" water hose with GEKA coupling,<br>required water pressure/min. 2.5 bar<br>while the machine is running |
| Dimensions:                | approx. 2100 x 590 x 620 mm<br>for machine with big hopper and 9.2 kW drive                                 |
| Weight:                    | approx. 110 - 170 kg  |

\* Depending on consistency, quality and composition of the material, pump model and condition, diameter and length of the delivery hose and also the pumping height of the material.

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