



Double-piston Mortar Pump

MP300EM



MP300EM is a product for spraying and delivering cement mortar and self-mixing mortar. It is widely applied to spray various kinds of mortars.

It can deliver and spray various kinds of mortars which diameter are from 0 to 8 mm and be used for delivering the field mixed mortar on the job-site, with strong power, high universality and wide application. The vertical height of pumping is up to 100m, the horizontal distance up to 300m.

The chrome plating material cylinder technology for concrete pumping is adopted. For the abrasion parts, the service life is long, the cost is low and the economical efficiency is high.

The double-piston cylinder (a single cylinder plus a compensating cylinder) is adopted. The no-pulse delivery can be achieved during mortar delivering and spraying. The mortar can be sprayed evenly on high-level working planes. The performance in applying the mortar to the wall is good, and the technology is advanced among similar products all over the world.

Its displacement is high. It can be used as the equipment for high-level mortar pumping. It can greatly enhance the efficiency and reduce the labor cost during the combined operation of delivering and spraying.

The application scope of MP300EM double-piston mortar pump is widely. It can be used for:

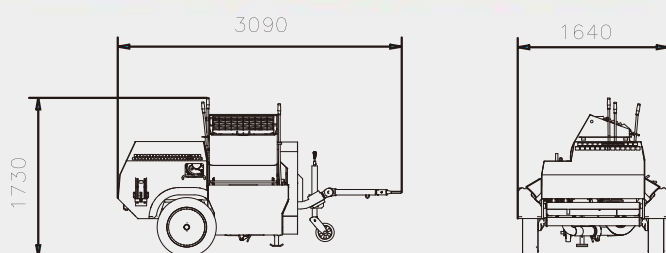
Material delivery

- Paving the ground
- Pouring walls

Plastering

- Spraying mortar on the interior and external walls
- Plastering and building walls
- Filling in the joints
- Repairing the damage on concrete surfaces

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Optional devices to be installed:

- 1) DN50 and DN35 mortar pipes
- 2) A 20m compressed air pipe
- 3) DN35 spray guns (provided with rubber nozzles of various diameters)

Standard configuration:

- 1) 170L agitating vessel
- 2) 200L hopper
- 3) Double-piston cylinder (a single cylinder plus a compensating cylinder)
- 4) Integrated air compressor
- 5) 11kW three-phase AC motor
- 6) CE standard control cabinet
- 7) Standard carried spare part set

Security configuration:

- 1) Mortar hose overpressure protection
- 2) Compressed air overpressure protection
- 3) Overload circuit switch protection

Technical Data	MP300EM
Pump type	Double-piston cylinder (a single cylinder plus a compensating cylinder)
Max. displacement of pumping	5m ³ /h
Max. delivery pressure	40bar
Horizontal delivery distance	300m
Vertical delivery distance	100m
Drive motor power	11kW 380V/50Hz
Agitating vessel size	170L
Hopper size	200L
Air compressor	570L/min , 3.5bar
Dimensions (L x W x H)	3090×1640×1730mm
Weight	1500kg
Max. grain diameter	8mm



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