

# P12

Worm Pump

**PMES**  
PUMP- MISCH- FÖRDERSYSTEME GMBH



## The small mixing and pumping worm pump for batchwise mortar processing

The small mortar mixer and pump is ideal for preblended dry mortars and even site mixes.

It mixes and pumps out of a hopper, just the right machine for building conservationists, stucco plasterers, refurbishing companies and painters.

With an additional small air compressor it is even ready for spraying works.

The compact P12 handles all kind of pumpable mortars, slurries or paste-like materials.



90341GB

# P12

## Worm Pump

### ► Fields of application

The P12 is a special batchwise working mixing and pumping unit. It is designed for grouting, injecting, drill hole filling, fixing of anchors in the mining or tunneling construction. Besides this it is the perfect solution for applying of grout and fire protection mortar to fill openings in walls, cavities between concrete slabs and gaps between door frames in the civil engineering domain. With additional equipment it can be used for spraying of primer, finish and decoration mortar, coatings, filler, sealing mortar, repair and reinforcement mortar just to mention a small range of possible applications. Due to the batchwise mixing and pumping function the P12 works with all pumpable dry mortars, wet mixes or paste-like mortars and even site mixes for grouting works.

### ► Function

By simply selecting the drives rotating direction at the control box the P12 works as a mixer or a pump. A free-running device between the drive shaft and the worm pump let the shaft working as a mixer in case of clockwise rotation. When choosing the opposite rotating direction the shaft is connected rigidly with the worm pump's stator and the mixed material inside the hopper will be pumped. The P12 allows to choose between two speeds for mixing and pumping to select the right output according your needs. The cable remote control gives the operator the control for the unit even from distant working locations. A comprehensive range of rotors and stators will provide pressure, distance and output to adjust the speed according the required output for the application or the working conditions.

### ► Advantages

The P12 combines the function of a batchwise mixer and a worm pump in one unit. It is a small and compact unit for big jobs. Simplest operation guaranteed, cleaning and maintenance is done in a few minutes. For easy transport the drive can be separated. Many additional accessories are available: different worm pumps, a pressure limiter device, filling guns and connections, compressors for spraying works, rubber hoses in different length and diameter, spray guns and nozzles, etc. Please contact us for details.

### ► Technical data

P12

Power supply	3~400V/50Hz
Output	6l/min and 12l/min (with D5 worm pump)
Grain size	<4mm
Pumping pressure	up to 25bar
Pumping distance	up to 30m
Pumping height	up to 15m
Pump drive	1.4kW and 1.8kW
Pump speed	94rpm and 188rpm
Outlet	M35
Weight	125kg
Filling height	939mm
Hopper volume	50l
Dimensions LxWxH	714x696x1437mm
Part no.	500092

Standard equipment: outlet with pressure gauge  
cable remote control  
documentation



[www.pmfsgmbh.de](http://www.pmfsgmbh.de)