

TP3

Worm Pump

PMES
PUMP- MISCH- FÖRDERSYSTEME GMBH



The single phase driven worm pump TP3 with a built-in compressor

The small single phase driven worm pump TP3 with infinitely variable output control and built-in compressor. It is the perfect solution for spraying of texture, filler and skim coat.

This worm pump sucks directly out of buckets all kind of pumpable wet mortars and paste-like materials up to 3mm grain size.

Wheels and the possibility to disassemble in easy to carry parts make it simple to transport the unit.



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TP3

Worm Pump

► Fields of application

The TP3 is a professional spraying device with single phase drive. It sucks water-based paints and pumpable wet mortars or paste-like products up to 3mm grain size directly out of buckets. The infinitely variable output control with lowest possible speed and the built-in compressor makes the TP3 ideally suited for all finishing and decoration works with any texture, filler and skim coat. Another field of application is the spraying of primer, paint, waterproofing membrane, acoustic mortar, as well as sealing mortar or other coatings. These are just samples for a huge variety of possible usages.

► Function

Place a bucket with the wet mixture below the suction device of the electric driven worm pump. Start the TP3 and the worm pump will build up pressure to pump the wet mix via connected flexible rubber hoses. An electronic speed regulation allows to adjust the output as requested. The built-in compressor provides the air for spraying applications. A spray gun at the end of the mortar hose is adding the compressed air to apply the wet mix on the surface. The TP3 is equipped with a socket for a cable remote control to give the operator the possibility to start and stop the unit from the place of action.

► Advantages

The TP3 is an electric worm pump with a single phase drive to suck wet and paste-like mortars directly out of buckets. This makes the cleaning procedure very simple. Just flush the small pump device with water and it is clean - no hopper or grids to clean. An electronic speed regulation allows the operator to adjust the output from 2 - 16 liter per minute. With an optional rotor stator combination the TP3 covers an output range from 1 up to 8 liter per minute, perfect for paint and finish applications. The integrated compressor provides an air volume of 190 liter per minute for normal spraying works and up to 330l per minute to cover finish spraying applications. Two big wheels and two additional small wheels make it easy to move the unit. It's low weight and easy disassembly in seconds allow a comfortable transport by only one person.

A comprehensive range of accessories are available to set up the TP3 to cover all your needs.

For instance: a cable remote control, rubber hoses in different length and diameter, reducers, connections, couplings, valves, spray guns and nozzles, etc. Please contact us for details.

► Technical data TP3

Power supply	1~230V/50Hz
Output	2 - 16l/min (standard equipment) and 1 - 8l/min (optional)
Pumping pressure	up to 40bar
Pumping distance	20m
Pumping height	10m
Pump drive	1.8kW
Compressor drive	2.05kW
Air volume	330l / 190l
Air pressure	10bar
Outlet	M35
Weight	55kg
Dimensions LxWxH	800x500x1500 mm
Part no.	500036

Standard equipment: documentation



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