

WP5

Worm Pump

PMES
PUMP- MISCH- FÖRDERSYSTEME GMBH



The WP5 is a worm pump which can be applied just about anywhere

The all-purpose worm pump WP5 with its electronic output control is ideal for processing all pumpable materials in the wide variety of application areas.

Two different add-on mixer are available to prepare a perfect homogeneous wet mix: The positive action mixer M80 and the turbo continuous mixer G40.

The WP5 „Bulldog“, offers functionality combined with easy handling, transport and simple operation.



90051GB

► Fields of application

The WP5 „Bulldog“ is the most sophisticated electric driven worm pump in the product range. Whether grouting, filling, spraying, plastering, injecting, coating, levelling, the WP5 with its infinitely variable output control is the perfect solution to cover a huge variety of applications, especially concrete refurbishing and fire-proofing. The worm pump works with any common preblended dry mortars, like lime, lime-cement or cement mortars, fire-proofing and fire resistant mortars, insulating mortar, grouts, texture, clay mortar, self-levelling underlayment and compounds, bonding and reinforcement mortars, finish and decoration coatings, filler, fibre and repair mortars, etc. up to 6mm grain size, with the optional 2L54 stator even up to 10mm grain size. Beside this wet mortars or paste-like materials it can be even used for pumping site mixes.

► Function

An electronic frequency converter allows to regulate the speed of the pump drive. The cardan shaft inside the material hopper is feeding and driving the simply plugged rotor of the worm pump to build up the pressure. An optional pneumatic or cable remote gives the possibility to start and stop the unit from the place of action.

► Advantages

The WP5 is a powerful worm pump with electronic output regulation - no belt drive to maintain. Wedges for fixing the electric drive at the rear and a wedge closing device consisting of an outlet with fixed tie rods and pressure gauge in one, makes it easy to dismantle, exchange parts and to service the pump. The new wedge closing device works for the standard 2L6 and for other sized stators, e.g. the 2L54 for up to 10mm grain size. The batchwise working positive action mixer M80 is available to upgrade the WP5 worm pump to a mixing and pumping unit for applying all kind of pumpable materials. For automatic and continuous mixing of preblended dry mortars you can upgrade the WP5 with the easy to build-on turbo continuous mixer G40.

A comprehensive range of accessories are available to set up the WP5 to cover all your needs: compressors for spraying works, pneumatic and cable remote control, pressure limiter device, different worm pumps, rubber hoses in different length and diameter, connections, valves, spray guns, etc. Please contact us for details.

► Technical data

	WP5 (worm pump)	M80 (batch mixer)	G40 (turbo continuous mixer)
Power supply	3~400V/50Hz	3~400V/50Hz	3~400V/50Hz
Output	5 - 50l/min	-	45l/min
Worm pump	2L6	-	-
Pumping pressure	up to 40bar	-	-
Pumping distance	60m	-	-
Pumping height	40m	-	-
Drive	5.5kW	2.2kW	3kW
Hopper volume	100l	80l	80l
Outlet	M50	-	-
Weight	195kg	210kg	170kg
Dimensions LxWxH	2380x690x630mm	1300x680x500mm	1300x680x500mm
Part no.	500024	500029	500027
P/N for 3~230V/60Hz	500025	500026	500030
Standard equipment:	outlet with gauge documentation	safety switch wedge fixations documentation	control device with level sensor wedge fixations to bolt on WP5 documentation



WP5 with 2L54 and M80



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