

FHS

Worm Pump

ZMES
PUMP- MISCH- FÖRDERSYSTEME GMBH



The high performance trailer worm pump FHS, driven by a Deutz engine

The powerful FHS is the ideal worm pump to apply self-levelling floor screed, but works also with mortar and concrete.

Whether feeding with wet mixes directly from truck mixers or mobile mixing vehicles, the worm pump FHS guarantees highest performance with simple operation.

The hydraulic drive provides the operator a comfortable output setting and an ease of maintenance.



90301GB

► Fields of application

The FHS is a powerful worm pump with diesel engine for working independent from any electric supply. It will handle all wet mixes up to 12mm grain size, provided by a truck mixer, mobile mixing vehicles, or mixed by continuous mixers fixed under a dry mortar silo. The FHS is perfect for pumping all kind of self-levelling screed, mortar and fine concrete. Typical applications are the processing of cement based or anhydride based self-levelling floor screed, concreting and filling works, shotcreting, etc.

► Function

The FHS is a hydraulic driven worm pump powered by a Deutz diesel engine. The hydraulic system allows an infinitely speed regulation for the worm pump to set the output as required. The hydraulic driven rotor/stator combination will pump the wet mixes through the connected hoses for the required distance. Start/stop as well as the output is controlled by the operator at the control panel of the FHS or with the included radio remote control.

► Advantages

The FHS, produced by Putzmeister Mörtelmaschinen GmbH, is powered by a 32.8kW Deutz 3-cylinder diesel engine to have an energy reserve for almost all kind of conditions and available rotors and stators. The hydraulic drive allows variable output adjustments. The drive is reversible, easy to maintain, long-lasting and wear resistant. Compared to piston pumps are worm pumps smooth, simple to operate and cleaned in minutes. All controls are easy to watch and to reach for the operator. For safety reason is a protective grid with 15mm mesh on top of the wet mortar hopper. Ball or ring hitch at your choice. Optional available are: an electric vibrator, a level sensor in the hopper to protect the worm pump from dry-running, mortar hoses in different length and diameter, a signal device, etc.
Please contact us for more information.

► Technical data

FHS 200/3

Output	up to 18m ³ /h*
Worm pump	2L8
Grain size	up to 12mm
Pumping pressure	25bar
Pumping distance	up to 180m**
Pumping height	up to 90m**
Engine	Deutz 3-cylinder Diesel
Power	32.8kW
Hopper volume	250l
Filling height	1000mm
Outlet	V50
Chassis	1200kg T-chassis with brakes
Weight	960kg
Dimensions LxWxH	4200x1300x1280mm
Part no.	500063

* The output rate is theoretical and depends the used worm pump type. The delivery rate may be higher or lower.

** Pumping distance and height is based on experience and depends on the pumping media.

Standard equipment: radio remote control with exchange storage battery, outlet with pressure gauge, standard tools, documentation



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