

SP11

Worm Pump

2MES
PUMP- MISCH- FÖRDERSYSTEME GMBH



The SP11 worm pump with diesel engine and modern hydraulic drive

The SP11 trailer pump, equipped with a Kubota Diesel engine, makes you independent from any electric supply.

The strong and comfortable to fill hydraulically driven lift-up mixer produces batchwise homogeneous wet mortars.

The low-maintenance hydraulic drive with comfortable output setting stands for a comfortable operation with ease of maintenance.



90291GB

SP11

Worm Pump



► Fields of application

The SP11 LMR is a hydraulic driven worm pump with diesel engine for working independent from any electric supply. It will mix, pump and even spray mortars with up to maximum 6mm grain size. The SP11 LMR processes site-mixes or preblended dry mortars for interior and external plastering supplied in bags, Monochouche (Monocapa), fire-proofing mortar, base coat plaster, lightweight masonry mortar, ornamental plaster, concrete repair mortar, fiber mortar, mortars for filling/grouting work, etc.

► Function

The trailer SP11 LMR is a worm pump with a hydraulic driven lift-up mixer and mechanical water dosing system to prepare batchwise homogeneous wet mixtures to fill the wet mortar hopper for a continuous pumping process. The hydraulic driven rotor-stator pump with infinitely speed regulation will pump the wet mortar through the connected hoses for the required distance. A built-in compressor with air remote control gives the applicator the possibility to start/stop the pump drive from the place of work when using a spray gun with air valve.

► Advantages

The worm pump SP11 LMR, produced by Putzmeister Mörtelmaschinen GmbH, is powered by a 16.3kW Kubota 3-cylinder Diesel engine. The hydraulic system allows variable output adjustments, is easy to maintain, long-lasting and wear resistant. Compared to piston pumps are worm pumps smooth, simple to operate and to clean with the built-in high pressure water cleaner. All controls are easy to watch and to reach for the operator. The protective grids of the mixer and wet mortar hopper are equipped with safety switches, so the hydraulic drive will stop immediately when opening any grid. The trailer with ball hitch is approved for road use. Optional available are: a vibrating screen, ring hitch for towing with trucks, support wheel, working light, mortar hoses in different length and diameter, air hoses, couplings, different spray guns and nozzles, etc. Please contact us for more information.

► Technical data

SP11 LMR

Output	5 - 60l/min*
Worm pump	2L6
Grain size	maximum 6mm
Pumping pressure	25bar
Pumping distance	up to 120m**
Pumping height	up to 60m**
Engine	3-cylinder Kubota Diesel
Power	16.3kW
Hopper volume	220l
Mixer volume	180l
Filling height	880mm
Compressor	2-cylinder, 400l/min, 7bar
Outlet	M50
Chassis	without brakes, approved for road use
Weight (empty)	750kg
Dimensions LxWxH	3540x1420x1150mm
Part no.	500043

* The output rate is theoretical and depends on 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: documentation



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