

G1K

Logistic Technology

ZMES
PUMP- MISCH- FÖRDERSYSTEME GMBH



The G1K, a medium size silo with integrated continuous mixer system

The G1K is an electric driven system for mobile use on a trailer or lorry. It works even stationary on job-sites or indoor for prefabrication.

The unit consists of a silo with a capacity of 1.5m³ and an integrated continuous mixer for mixing all kind of preblended dry mortar.

The G1K saves cost by using bulk material, is environmental friendly without any mortar packaging waste and guarantees easy operation and cleaning.



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► Fields of application

The G1K is a multi-purpose mobile mixing unit with a medium size storage for dry mortar. This mixing plant handles all common preblended dry mortars, like lime-cement or cement mortars, masonry mortar, repair mortar, adhesive and reinforcement mortars for EIFS application, ..., and even concrete up to 16mm grain size. So the G1K is a simple logistic answer for small or medium size concrete works in the civil engineering, horticulture or landscaping domain.

► Function

The manageable dry mortar storage can be filled with big bags or any conveyor via the manway opening (ID 500mm) with closing lid on top of the silo. The screw conveyor inside the silo is feeding the integrated continuous mixer with dry mortar to prepare a wet mix inside the rubber mixing tube. A water metering device is fitted to adjust the consistency of the wet mix according the data sheet of the material or the application. You only need an electric supply of 400V with 32Amp socket and a water line with minimum 2.5bar input pressure to run the G1K. The whole mixing process starts and stops by just pressing one button at the control box. An easy way to fill buckets or wheelbarrows with a wet mix whenever you need or to feed a mortar pump placed below the mixer outlet.

► Advantages

The G1K is a combination of a medium size silo with 1.5m³ volume and a continuous mixer to mount on a trailer or on a lorry to be flexible in the field. It can also be used stationary e.g. in factories for precasting. A ladder is fixed to climb up to the top for filling or maintenance. With this electric driven solution you have your own mixing plant for independent work from machines availability and mortar suppliers. Save labour, rental charges and use bulk materials instead of small bags for economical and environment friendly operation. The G1K is a flexible and simple to operate package with low maintenance. The powerful drive prepares a homogenous mixture and due to the rubber mixing tube it is easy to clean. Many accessories are available to equip the G1K according your needs: water booster pump, water hoses, couplings, cables, etc. Please contact us for details.

► Technical data G1K

Power supply	3~400V/50Hz
Output	up to 50l/min
Grain size	up to 16mm
Mixer drive	5.5kW
Mixer speed	262rpm
Silo capacity	1.5m ³
Weight empty	500kg
Dimensions LxWxH	2300x1500x1600mm
Part no.	500033

Standard equipment: vibrator
documentation

