

VORTEX

M-TEC DUO-MIX 2000

CLOSED SYSTEM DUAL MIXING MORTAR PUMP

m-tec duo-mix2000



EASY TO USE

IMPROVED
PRODUCTION

Compact Mortar Mixer With Multiple Pumping Features

The duo-mix 2000 delivers excellent mixing and tremendous adaptability for a wide variety of materials are the key properties offered by the duo-mix. The reasons for this: The unique m-tec dual mixing system together with the **patented mixing** principle - together making a combination that no other mixing pump on the market can offer!

This special feature enables the duo-mix to guarantee the best homogeneous mortar quality, even with those products that are more difficult to mix, like certain construction chemicals, for example. The duo-mix 2000 version in particular has an **output that can be continuously adjusted** to suit the application, making it particularly suitable for special products. Both versions allow long pumping distances to be achieved.

The areas of application of the duo-mix are very varied. In addition to working as a mixing pump, it **can also be converted into a continuous mixer or a mortar pump for processing** paste materials. Conversion can be carried out in a few simple steps.

The duo-mix can be fed with bagged material, silo material (in conjunction with an m-tec silo, conveying system and filter hood) as well as with bucket coat materials.

This system also features m-tec's signature **quick and easy to use** tensioning wedges, enabling important elements such as the worm pump or mixer motor to be replaced in just a few seconds.

AREAS OF USE AND APPLICATIONS

All pumpable dry mortars, such as:

- Quadex® GeoKrete®
- Quadex® GeoKrete®-RS
- Quadex® QM-1-s Restore®
- Gypsum plasters
- Cementitious renders
- Reinforcing and adhesive mortars
- Flowing screeds
- Bricklaying mortar
- Leveling compounds
- High-value products
- Bucket-coat products (optional)

THE DUO-MIX 2000 SYSTEM INCLUDES:*

Mixing pump incl. compressor with automatic cutoff and water pump, rotor/ stator, spray gun, set of hoses, accessories.

* All information is without guarantee and for reference only. For further information please contact your local sales representative or authorized dealer.

Easy Handling

The duo-mix can be used as a mixing pump, continuous mixer or mortar pump. Together with the continuous regulation of output (with the duo-mix2000 only) you also get the functions only otherwise available with an entire fleet of machines!

Improves Workflow

Intelligent machine technology allows you to work without interruption and without change in material consistency. The separation of dry and wet areas enables a constant ratio of dry material to water to be achieved.

Easy Mixing

You will experience excellent mixing quality with this patented mixing system. When used in conjunction with double mixing, the system guarantees the best possible mix of mortar products.

Easy To Use

A combination of clearly laid-out controls, self-explanatory flowchart control with error code display, lifting handles and tensioning wedges make the duo-mix easy to handle.

Improved Production

Thanks to the particularly long pumping distance that can be achieved, there is no need to waste time and effort moving the duo-mix.



PATENTED MIXING PRINCIPLE

The duo-mix can process all standard dry mortar products up to a grain size of 4 mm. The unique highlight of the duo-mix is the transfer of material from the dosing area to the mixing area - the water is no longer simply sprayed at the dry material as in the past, but is instead dosed according to a patented mixing principle, that sprinkles it into a pool of water and then mixed.

The result: the mortar application materials are blended even more effectively and the additives take full effect.





Specifications

Standard Delivery Volume	approx. 6 gal/min 22 l/min (depending on worm pump 1.5 - 16 gal/min 5 - 60 l/min)
Conveying Distance*	up to 196 ft. 60 m
Conveying Height*	up to 98 ft. 30 m
Conveying Pressure*	up to 435 psi 30 bar
Conveying	3,0 kW, 230 V (+/- 10%), 60 Hz, 3 ph
Mixing / Pump	5,5 kW, 230 V (+/- 10%), 60 Hz, 3 ph
Compressed Air Supply	Meko230, 230 V (+/- 10%), 60 Hz, 3 ph
Water Pump	T70E, 230 V (+/- 10%), 60 Hz, 3 ph
Electrical Connection	220 V, 60 Hz, 3 ph
Fuse	min. 50 A
Connecting Cable	5 x 8 AWG 5 x 10,0 mm ²
Connector	63 A, 4p, 9h
Water Supply	¾" 19 mm water hose with GEKA coupling, required water pressure/ min. 36 psi 2.5 bar while the machine is running
Dimensions	approx. 53 x 25 ¼ x 54 ¾ inch 1350 x 640 x 1390 mm
Weight	approx. 550 lbs. 250 kg

** Depending on consistency, quality and composition of the material, pump model - and condition, diameter and length of the delivery hose and also the pumping height of the material.*

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