

# duo-mix

The King of the  
building site!



**m-tec**<sup>®</sup>  
Technology for better building

# The King of the building site: duo-mix

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 soft 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.

As is typical of all m-tec systems, the duo-mix has easy and quick to use tensioning wedges, enabling important elements such as the worm pump or mixer motor to be replaced in just a few seconds.



*maintenance-friendly and fast through consistent modular construction*





## > duo-mix: added benefits



### EasyHandle

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!



### EasyWork

Our intelligent machine technology allows you to work without interruption and without thick/thin variations. The separation of dry and wet areas enables a constant ratio of dry material to water to be achieved.



### EasyMix

The particularly good mixing quality is made possible with our patented mixing system. When used in conjunction with double mixing, the system guarantees the best possible mix of mortar products.



### EasyUse

A combination of clearly laid-out controls, self-explanatory flowchart control with error code display (duo-mix2000 only), lifting handles and tensioning wedges make the duo-mix easy to handle.



### EasyLife

Thanks to the particularly long conveying distance that can be achieved, there is no need to waste time conveying the duo-mix. Your gain: more effective working time!



# The King of the building site: duo-mix

## > duo-mix: facts

### Areas of use and applications

All pumpable dry mortars, such as

- Gypsum plasters
- Lime-gypsum plasters
- Cementitious renders
- Lime plasters
- Lime-cement plasters
- Bricklaying mortar
- Insulating plasters/renders
- Decorative renders
- Reinforcing and adhesive mortars
- Flowing screeds
- Bricklaying mortar
- Adhesives
- Leveling compounds
- High-value products
- Bucket-coat products (optional)

### Scope of delivery\*

Mixing pump incl. compressor with automatic cut-off 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.

### Recommended accessories

Filter hood, feeding hood, rotors/stators, mortar hoses, adhesive gun, fine plaster spray gun



## > Our patented mixing principle:

The duo-mix can process all standard dry mortar products up to a grain size of 4 mm. The technical 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 construction materials are blended even more effectively and the additives take full effect. This all guarantees the first-class processing of the materials.



Specifications	
Standard delivery volume:	approx. 22 l/min (depending on worm pump 5 - 60 l/min)
Conveying distance:*	up to 60 m
Conveying height:*	up to 30 m
Conveying pressure:*	up to 30 bar
Drive motors	
Conveying:	3,0 kW, 400 V, 50 Hz
Mixing / Pump:	5,5 kW, 400V, 50 Hz
Compressed air supply:	0.9 / 1.1 kW, approx. 250/360 l/min, 4 bar (duo-mix/duo-mix2000)
Water pump:	0.75 kW, ca. 60 l/min, 4 bar
Electrical connection:	400 V, 50 Hz, 3 ph
Fuse:	25 A
Connecting cable:	5 x 4,0 mm <sup>2</sup>
Connector:	32 A, 5p, 6h
Water supply:	3/4" water hose with GEKA coupling, required water pressure/min. 2.5 bar while the machine is running
Dimensions:	approx. 1350 x 640 x 1390 mm
Weight:	approx. 250 kg / 260 kg (duo-mix / duo-mix2000)

\* 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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