

# D50

The intelligent  
silo mixer!



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

# The intelligent silo mixer: D50

Mixer D50 is fitted with highly modern PU components that guarantee economically effective and efficient operation. It is designed to process dry mortar products with a granularity of up to 4mm and is found on numerous building sites throughout the world. The D50 is used with bricklaying mortar and insulating mortar, plasters, screeds and fine concrete.

Fitted with a powerful 4.0 kW motor it even mixes heavy products with ease. The direct mounting on the silo creates a compact unit that speeds up work on the building site whatever the weather.

The use of PU components, for example in the mixing chamber, reduces the effort required for cleaning purposes. In addition, these modern building materials increase service life and eliminate any chance of corrosion. The individually interchangeable mixing blades enable the D50 to be adapted to almost any product - an advantage that should not be underestimated in view of the wide variety of products used today. As an option, our patent mixing system can be ordered for mixer D50, ensuring the perfect blending of dry mortar products.

As is typical of all m-tec systems, the D50 has easy and quick to use connector systems that enable important elements, such as the mixing chamber or mixer motor, to be replaced in just a few seconds.

The m-tec S40 control panel is the control unit for mixer D50. It can cope with every situation and a number of different versions are available in line with the performance of the continuous mixer. Starting from a hand-operated, economical basic model and ranging to a fully automatic version with remote control, timer and probe control, the m-tec S40 control panels meet every challenge a modern building site can produce.





## > D50: added benefits



### EasyClean

The use of PU components makes cleaning easier and means less caking than with similar metal components. The result: quick, residue-free cleaning.



### EasyWork

Uninterrupted operation with consistent mixing quality thanks to our intelligent machine technology. The separation of dry and wet areas enables a permanent constant ratio of dry material to water to be achieved.



### EasyMix

Our patented mixing system enables an extremely good mixing quality. In conjunction with the large mixing volume, the system guarantees the best possible blending.



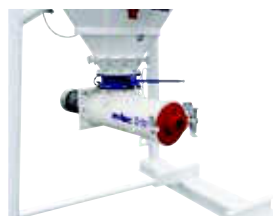
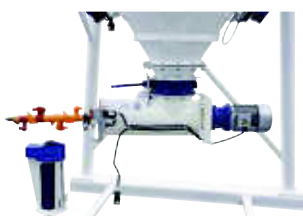
### EasyUse

Well-organized controls, easy dismantling and maintenance and an intelligent transport solution combine to make the D50 very easy to handle.



### EasyLife

A combination of PU components and our patent mixing system increases service life and extends service intervals.



# The intelligent silo mixer: D50

## > D50: facts

### Areas of use and applications

All dry mortars, such as:

- Bricklaying mortar
- Insulating plasters
- Floor screed
- Lime gypsum plasters
- Cement plasters
- Lime plasters
- Lime cement plasters
- Gypsum plasters
- Finishing plasters
- Enriched special mortars

### Scope of delivery

Continuous mixer incl. mixer motor, transport screw and mixing shaft. The associated control panel S40 is ordered separately.

For details please contact your local sales representative or dealer.

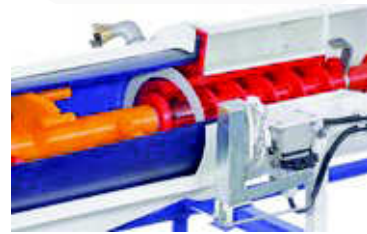
### Recommended accessories

Control panel S40  
 Mixing shafts  
 Transport screw  
 Blow-out device



### Optional for D50:

As an option, the D50 is available with our patent mixing principle. The technical highlight is the transfer of material from the dosing area to the mixing area: the water is no longer sprayed onto the material as in the past, but instead the material is dosed according to a patented mixing principle, scattered into a tank of water and mixed. The result: the construction materials are blended even more finely and the aggregates take full effect. This all guarantees the top-class processing of the materials.



Specifications	D50
Conveying volume:	approx. 50 l/min (depending on the transport and mixing shaft)
Drive motor:	4 kW, 400 V, 50 Hz
Silo connection:	NW 250
Dimensions:	approx. 2100 x 350 x 350 mm
Weight:	approx. 140 kg
Specifications	S40
Electrical connection:	400 V, 50 Hz, 3 ph
Fuse:	16 A
Connecting cable:	5 x 1.5 mm <sup>2</sup>
Connector:	16A, 5p, 6h
Water supply:	3/4" water hose with GEKA coupling, required water pressure/min. 2.5 bar while the machine is running
Dimensions:	depending on model
Weight:	depending on model

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