

m-tec® duo-mix 2000

Excellent mixing and extreme adaptability to a wide range of materials are the outstanding features of the m-tec® duo-mix 2000 inspires. The reasons for this:
The dual mixing system with double mixing and the patented mixing principle - together a combination that no other mixing pump on the market can offer!

m-tec® duo-mix 2000 Application

The duo-mix can be used for all pumpable dry mortars, screeds, pourable fillers and self-le-veling products. In addition to its function as a mixing pump, it can also be converted into a continuous mixer or mortar pump for processing pasty materials.
The duo-mix 2000 is also infinitely variable in output, making it ideal for specialty products.

m-tec® duo-mix 2000 Scope of delivery

In the screed version, the mixing pump is supplied without compressor, but with rotor/stator D8-2 and accessories.

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Thanks to the extremely long conveying distance, there is no need for time-consuming and labor-in-tensive repositioning of the duo-mix.
Your advantage: more effective working time!

Technical Data	duo-mix 2000
Flow rate:	Standard approx. 22 l/min (depending on worm pump 5 - 60 l/min)
Delivery distance:	up to 60 m
Delivery height:	up to 30 m
Delivery pressure:	up to 30 bar
Drive motor:	3,0 kW, 400 V, 50 Hz
Conveying:	5,5 kW, 400 V, 50 Hz
Mixing Pump:	5,5 kW, 230V, 60Hz
Compressed air supply:	0.9 / 1.1 kW, approx. 250/360 l/min, 4 bar
Water pump:	0.75 kW, approx. 60 l/min, 4 bar
Electrical connection:	400 V, 50 Hz, 3 ph
Fuse protection:	25 A
Connecting cable:	5 x 4.0 mm²
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:	250 kg / 260 kg

Capacity, distance and height depend on the material being conveyed and the stator and rotor used.



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m-tec-duo-mix-2000 EN

m-tec® duo-mix 2000

Mixing pump for best homogeneous mixing quality 4.0



The m-tec® duo-mix 2000 offers best homogeneous mortar quality, even with difficult to mix products, such as those of the of the construction chemistry.

Plus points

The technical highlight of the m-tec® duo-mix 2000 is the material transfer from the dosing section to the mixing section: The water is metered according to a patented mixing principle, sprinkled into a water bath and mixed. The result is finely mixed construction materials and the full effect of the additives.

Trendsetting

Our intelligent machine technology allows for continuous operation without disruptive thick-thin fluctuations. It maintains a constant ratio of dry material to water by separating the dry and wet areas.

Integration

The duo-mix can be used as a mixing pump, continuous mixer or mortar pump. Together with the stepless power control, you get the functionality otherwise only available from a machine park!

Handling

Clearly arranged controls, a self-explanatory flow diagram control system, transport handles and wedge locks combine for easy handling. For example, the screw pump or mixer motor can be replaced in seconds thanks to the quick-release wedge locks.



^ Easy to clean and with an optional transfer hood for silo loading, it's the way to work economically



^ It makes work fun:
Efficient and economical!



Flow screed



Floor
levelling
compound

m-tec® technology for better building

m-tec® develops and manufactures construction site equipment for traditional applications as well as for tasks on modern construction sites: From the transport and supply of dry mortar products to their application on site, we provide you with everything from a single source. Throughout the world, in almost 100 countries, m-tec® has made construction better, faster and, above all, more economical.

That makes us unique.

And to make sure it stays that way, we stay on the ball with our partners when it comes to new developments. For example, m-tec® has accompanied the development of 3D concrete printing, contributing to the success of this new technology.