

m-tec connect® duo-mix 3DCP+

The m-tec connect® duo-mix 3DCP+ is equipped with a frequency converter as standard, so it can be infinitely adjusted to your product. In addition to fully automatic feeding, useful sensors and a digital flow meter with water control complement the machine's functions.

m-tec connect® duo-mix 3DCP+ areas of application

This mixing pump is used where materials that are difficult to mix must continuously have the same quality. This is particularly necessary in 3D concrete printing.

m-tec connect® duo-mix 3DCP+ scope of delivery

In the standard version, the mixing pump is supplied with extended mixing tube, large pumping range, powerful motors and the control with frequency converter.

m-tec connect® duo-mix 3DCP+ accessories

Mortar hoses, transfer hoods, filter hoods or optional mortar pressure and temperature sensors are available.

technical data	duo-mix 3DCP+
delivery rate:	standard approx. 22 l/min (depending on screw pump 5 - 60 l/min)
conveying distance:	up to 60 m
conveying height:	up to 30 m
conveying pressure:	up to 30 bar
conveyor motor:	3,3 kW, 400 V, 50 Hz
pump motor:	4,0 kW, 400V, 50 Hz
water pump:	0,75 kW, approx. 60 l/min
electrical connection:	400 V, 50 Hz, 3 ph
fuse:	25 A
supply line:	5 x 4,0 mm ²
plug-in device:	32 A, 5p, 6h
water connection:	¾" water hose with GEKA coupling, required water pressure/min. 2,5 bar with running machine
softwares interfaces:	RJ45 Ethernet, OPC-UA
dimensions:	approx. 1460 x 720 x 1460 mm
weight:	approx. 360 kg

Conveying rate, conveying distance and conveying height depend on the material to be conveyed and the stator and rotor used.



Simply scan the QR code with your smartphone and find out more on our website.

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m-tec connect®

m-tec connect® duo-mix 3DCP+

3D concrete printing specialist



The m-tec connect® duo-mix 3DCP+ mixes everything and provides even the most difficult material with a grain size of up to 4 mm grain size in constant, consistent quality ready for processing.

Benefits

With the extra powerful motor and the longer mixing range, the mixing energy that the m-tec connect® duo-mix 3DCP+ uses to prepare the material increases. Furthermore the mixing volume increases, this means that more material can be fed into the process.

Frequency converter

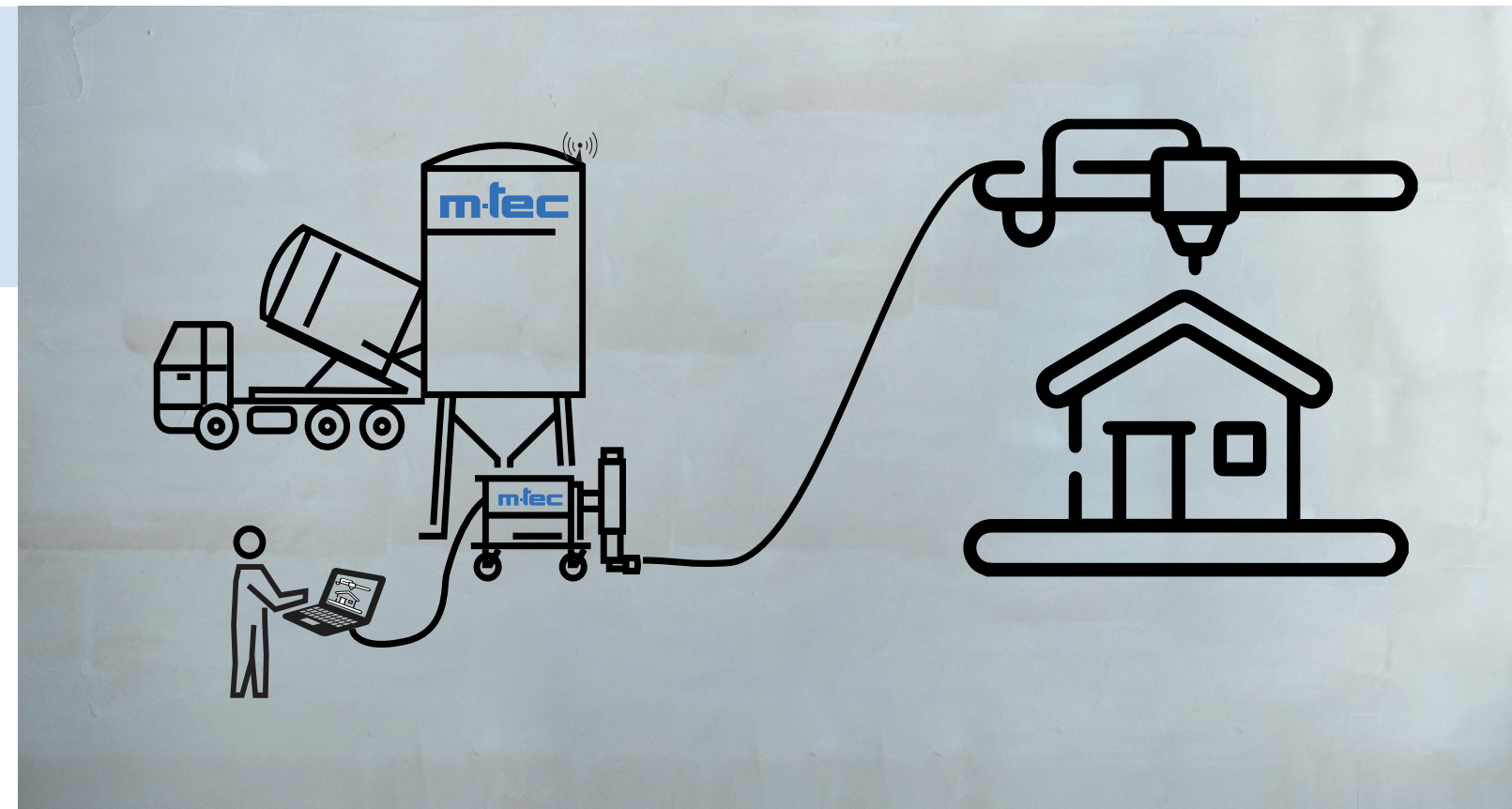
Powerful start-up and infinitely variable conveying capacity - for convenient work on the construction site.

Operation

With its clearly structured operating elements, the simple locking system and the digital flow meter, the m-tec connect® duo-mix 3DCP+ is available for many tasks beyond the classic construction sites - making work fun!

Handling

The m-tec connect® duo-mix 3DCP+ can be used as a mixing pump or continuous mixer. Together with the infinitely variable power control, you get maximum functionality and flexibility.



^ This makes work fun: efficient and economical!



Monitoring



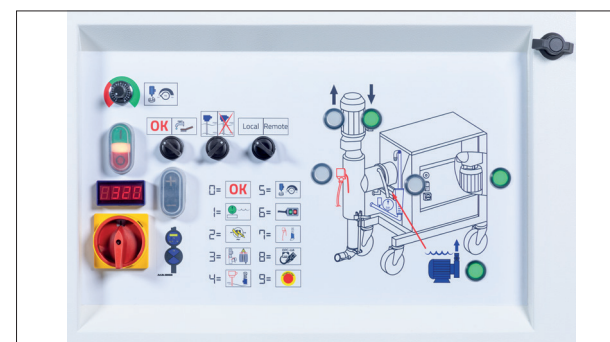
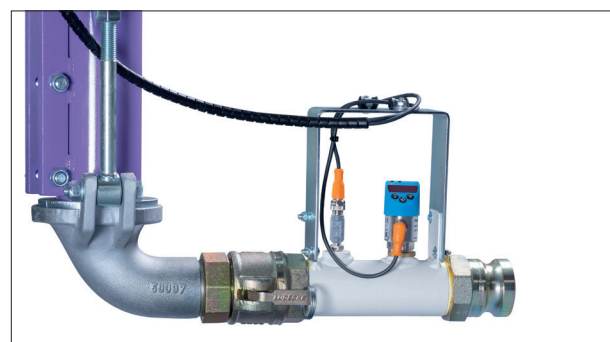
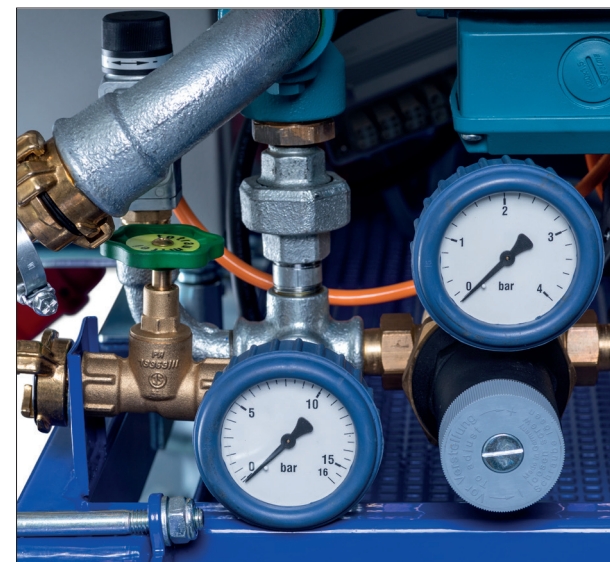
3D concrete printing



M2M control



^ The machine can be controlled externally via the various interfaces - welcome to the construction site 4.0.



m-tec® technology for better building

m-tec® develops and produces construction site equipment for both traditional and modern construction site applications: From the transport and supply of dry mortar products to their application on the construction site, we offer you 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.