

P20 V connect

The new generation of m-tec pumps for
your entry into the automation sector



Safety systems

- 2-channel external integration emergency-stop system
- 2-channel integration in safety-chain

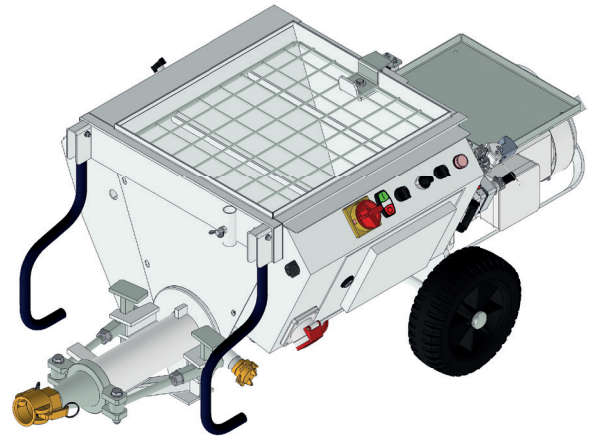
Operating modes

- Local
- Remote control via Hardware Interface
- Remote control via Modbus-RTU Interface

The new generation of m-tec pumps

The P20V connect was developed for the use in simple 3D printing applications and various other automation processes. A connection between the m-tec pump and a higher-level control system is created via various interfaces. This allows the P20V connect to be operated via external control signals.

The P20V connect expands the portfolio of the existing m-tec connect machines. As a compact, reliable, and easy to use m-tec pump it is the perfect entry-level machine in the automation and 3D concrete printing sector.



Advantages

- + Easy to adapt to different materials through stepless regulation of the performance
- + Problem-free transport through the compact dimensions and light, but robust construction
- + Very simple replacement of components through the typical m-tec quick release system

Technical Data

Delivery volume:*	approx. 3-24 l/min
Conveying distance:*	up to 40 m
Conveying height:*	up to 20 m
Conveying pressure:*	up to 30 bar
Weight:	approx. 95 kg
Pump motor:	4,0 kW, 400V, 50 Hz
Software Interface for communication	<ul style="list-style-type: none"> • RJ45/USB Adapter (RS485/USB) • Modbus-RTU
Hardware Interface for communication	<ul style="list-style-type: none"> • Ready for operation • Remote Start/Stop • Set value speed pump

*Various machine components must be converted to cover the complete range of the delivery volume, conveying distance, -height and -pressure. The values are depending on consistency, quality and composition of the material, pump model – and condition, diameter and length of the delivery hose and the pumping height of the material.

07/2021 m-tec