

# modul-K

The insulating unit!



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

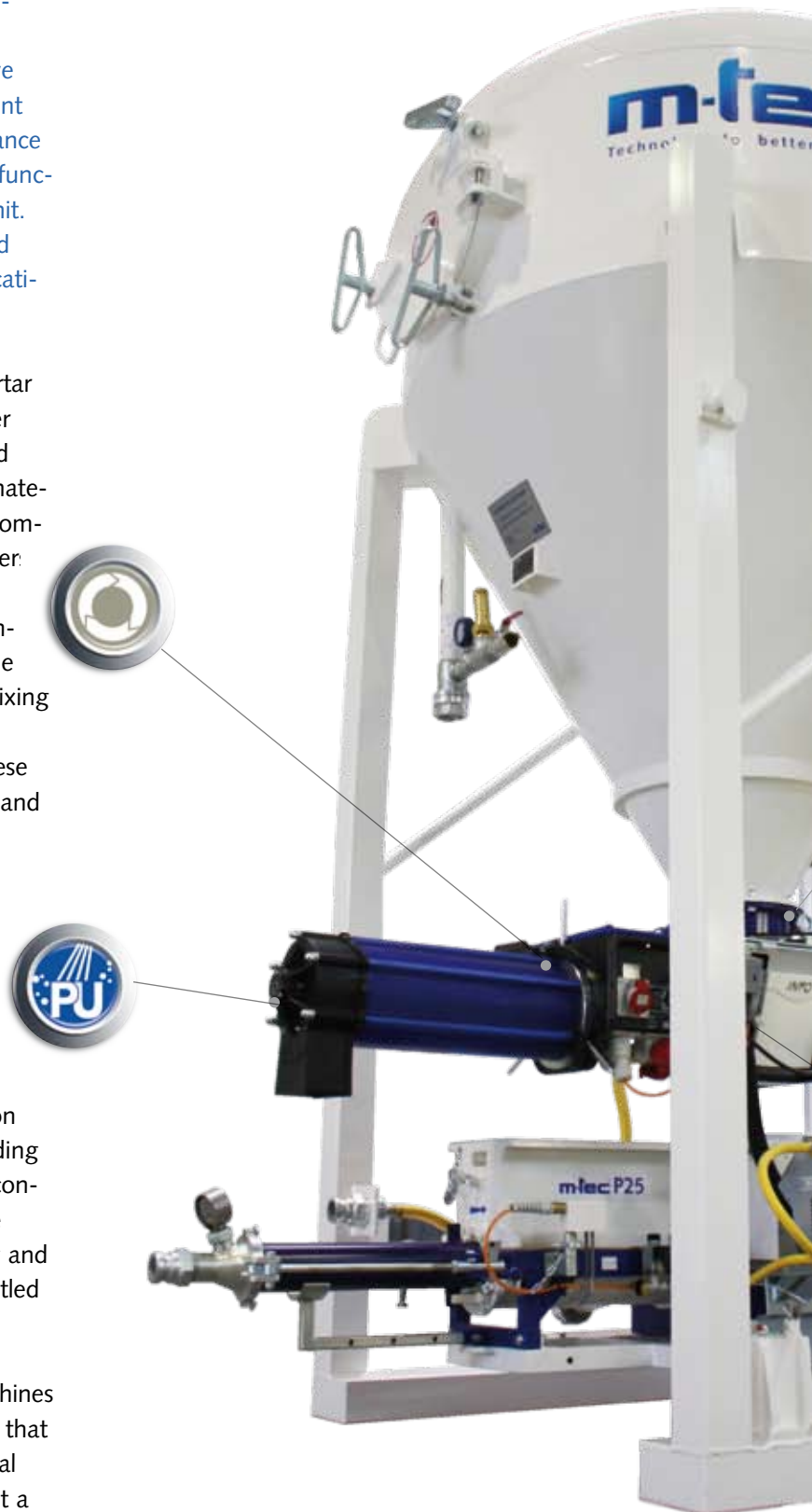
# The insulating unit!

modul-K has been specially adapted to requirements when working with external insulating systems, as well as basic renders and decorative renders. The modular design unites the excellent blending of mixer D10 with the high-performance P25 pump. Together with a variety of shutoff functions, it forms a complete, fully coordinated unit. The mixer and pump modules can also be used separately, hugely increasing the area of application.

In addition to the processing of classic dry mortar products with granularity of up to 4 mm, mixer D10 is also specially developed for fine-grained products with a high proportion of synthetic material, such as adhesives, bedding and levelling compounds or dry synthetic, silicate or silicon render. In order to cope with this wide range of products, this mixer uses our patented mixing principle, ensuring the best possible blending of the material. The use of PU components, in the mixing chamber for example, also reduces the effort required for cleaning purposes. In addition, these modern building materials increase service life and eliminate any chance of corrosion.

Pump P25 has a powerful 5.5kW motor. Together with the frequency converter installed as standard, this provides the necessary drive. In addition, this also enables output to be regulated continuously, so that it can be adjusted to the various products. Naturally the P25 has connections for operation with a compressor and for fully automatic feeding from the D10 mixer. Electronic hose pressure control and cut-off are available as an option. The steel material container can be cleaned quickly and has a long service life. This can also be dismantled with ease.

As is typical of all m-tec systems, the two machines have easy and quick to use connector systems that enable important elements, such as the material container or screw pump, to be replaced in just a few seconds.





## > modul-K: added benefits



### EasyClean

The use of PU and stainless steel 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, even with modern dry mortars.



### EasyUse

The complete modular design, well-organized controls, easy dismantling and maintenance and an intelligent transport solution combine to make the system very easy to handle.



### EasyLife

A combination of modern materials and the patent mixing system increases service life and extends service intervals.



# The insulating unit!

## > modul-K: facts

### Areas of use and applications

All pumpable dry mortars, such as:

- Reinforcing mortar and adhesive mortar
- Finishing plasters
- Decorative and structured renders

### Scope of delivery

Mixer D10 and pump P25 including pivoting frame and compressor

For details please contact your local sales representative or dealer.

### Recommended accessories

Dry material probe, transport screw, protector to prevent dry running, mortar hoses, air hoses, remote control cable, fine plaster spray gun, adhesive gun, silo

## > Our patented mixing principle:

modul-K can process all standard and enriched dry mortar products up to a granularity of 4 mm. The technical highlight of the modul-K 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 top-class processing of the materials.



Specifications	mixer D10:
Standard conveying volume :	approx. 20 l/min (depending on the transport and mixing shaft)
Drive motor:	2,2 kW, 400 V, 50 Hz
Electrical connection:	400 V, 50 Hz, 3 ph
Water supply:	3/4" water hose with GEKA coupling, required water pressure/min. 2.5 bar while the machine is running
Dimensions:	ca. 1700 x 450 x 320 mm
Weight:	ca. 85 kg
Silo mount:	NW 250
Specifications	pump P25:
Standard conveying volume :	approx. 4 - 15 l/min continuously adjustable (depending on the worm pump)
Conveying distance:*	up to 80 m
Conveying height:*	up to 30 m
Delivery pressure:*	up to 40 bar
Drive motor:	5,5 kW, 400V, 50 Hz
Electrical connection:	400V, 50 Hz, 3 ph
Fuse:	25 A
Connecting cable:	5 x 4,0 mm <sup>2</sup>
Connector:	32A 5p 6h
Dimensions:	ca. 1900 x 500 x 560 mm
Weight:	ca. 100 kg

\* 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.