

THE MTI HIGH-SPEED MIXER



Made in Germany - Made by MTI

Process machines with expert know-how

Our Vertical Mixers for high-intensity mixing

MTI High-Speed Mixer – for every free-flowing material with a bulk density from 0.01 – 4.0 kg/dm³

MTI High-Speed Mixer – from nano particles to coarse structures – we have the solution

MTI High-Speed Mixer – adjustable friction intake, ensuring optimum configurability even for highly sensitive products

MTI High-Speed Mixer – expandable into Heating/Cooling Mixer Combinations with high performance Cooling Mixers (type K) or Trough Mixers (type T)

MTI High-Speed Mixer – with advanced control technology for any degree of automation with an intuitive operator interface

- **Unsurpassed process versatility:** heating, tempering, reacting, melting, coating, agglomerating, dispersing
- **Mixing tools – always of modular design, process optimised, energy saving and coolable where necessary**
- **Pressurised or vacuum-type vessel designs, inerting systems, fluid injections, diverse wear-protection solutions and many additional options available**
- **ATEX – at MTI, it goes without saying**

MTI High-Speed Mixer – our leader in versatility
Design examples:



For hot-melt granulation



For masterbatches
Optimised for easy cleaning



More than just PVC



Integrated addition of liquids

TECHNICAL DATA

HIGH-SPEED MIXER

Type	Vessel volume (total)	Typical motor capacity ¹⁾
MTI High-Speed Mixer M 100	135 l	22 – 55 kW
MTI High-Speed Mixer M 250	256 l	30 – 90 kW
MTI High-Speed Mixer M 350	366 l	45 – 132 kW
MTI High-Speed Mixer M 400	434 l	55 – 160 kW
MTI High-Speed Mixer M 500	523 l	55 – 200 kW
MTI High-Speed Mixer M 600	667 l	75 – 250 kW
MTI High-Speed Mixer M 750	778 l	75 – 250 kW
MTI High-Speed Mixer M 850	922 l	90 – 315 kW
MTI High-Speed Mixer M 1000	1,101 l	110 – 315 kW
MTI High-Speed Mixer M 1200	1,193 l	110 – 355 kW
MTI High-Speed Mixer M 1350	1,343 l	132 – 450 kW
MTI High-Speed Mixer M 1500	1,606 l	160 – 450 kW
MTI High-Speed Mixer M 1850	1,887 l	200 – 500 kW
MTI High-Speed Mixer M 2000	2,226 l	200 – 500 kW
MTI High-Speed Mixer M 2500	2,610 l	200 – 500 kW

¹⁾ Different motor sizes available for special product characteristics and mixing process requirements. Product-specific performance data available on request.

Please also find out about our

MTI Uni tec[®] Vertical Universal Mixer

MTI Horizontal Mixer for mixing, cooling, etc.

MTI Eco[®]-line for standard applications and double-batch processes

MTI Flex[®]-line – tailor-made systems

We will be glad to advise you!

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