

FLEXIBLE, COST-EFFICIENT, AND PROCESS-RELIABLE

Optimal room acoustics for vehicles and passenger compartments

- Configurable for all body types, cavities, and throughput rates
- Customizable sound absorption properties through adjustable foam density and types
- Foam density and types – manual mixing head weighs approx. 1,600 g for improved ergonomics
- Freely adjustable mixing ratio of the two components – no pressure adjustments required
- Proprietary, self-calibrating pumps for optimal efficiency and extended service life
- Up to 11 high-pressure dosing units can be operated with a single MV-PUR 500 material supply system
- Pressure-regulated ring lines ensure maximum precision and repeatability of dosing quantities
- Integrated automatic shot calibration for highest dosing accuracy
- Two standard discharge rates available – 50 g/sec and 100 g/sec (others on request)
- Fully automated process with maximum repeatability and stability
- Emergency strategies and „Degrad Mode“ for availability rates of up to 99.8%
- Integrated cleaning and quality assurance functions
- IO-Link version available

- Custom-designed hose packages for common robots such as KUKA, ABB, etc.
- In addition to open-cell acoustic foam, the same system can also apply closed-cell structural foam
- Seamless integration into conveyor systems, cell control, and production control stations
- System design compliant with CE and UL regulations; additional certifications available upon request
- Turnkey integration without interface risks in the production environment
- Planning and execution according to customer standards and specifications
- Scalable scope of supply, from application setup to fully integrated robot cells
- Compact design with excellent accessibility reduces footprint and simplifies maintenance
- Various options and accessories available
- A wide range of training sessions and workshops available
- Different maintenance contracts available upon request
- We offer offline simulation, digital twin, VIBN, and follow a continuous optimization process, allowing programs to be adjusted and copied during production—reducing commissioning times and simplifying the integration of new variants.



One system for all vehicle types – flexible, modular, and scalable



Automatic temperature compensation



Smallest applicable quantity

Self-cleaning nozzle with a service life of

> 1 Mio.
SHOTS

Mixing ratio tolerance

+/- 3%

Temperature accuracy

+/- 1°C



Contact us for detailed information on optimizing your processes and boosting efficiency.

