



Multipurpose Cell MC-EASY

Automate your dispensing applications with our compact cell concept

The MC-EASY multipurpose cell offers a cost-effective yet powerful and high-quality entry into the automated mixing and dispensing of reactive plastic systems. Thanks to its compact size, simple operation and programming as well as short set-up times, the system is already profitable for small quantities.

At the heart of the MC-EASY is the proven RAMPF dispensing technology for the application of one- and multi-component materials, which are processed reliably using a static mixer. The range of applications is broad - sealing systems, gap fillers and adhesives are processed and applied quickly and reliably.



Benefits

- **Plug & play** for time-saving set-up and commissioning
- Simplified robot programming **without specialist knowledge**
- **Stand-alone** or **integrated** into production line
- **Very flexible** and profitable even for small quantities
- **Cost-effective, compact** and **space-saving** with a size of 900 x 1220 x 2060 mm
- Meets the **highest standards** and fulfills your safety, ergonomics and programming requirements
- Flexible and **highly compact dispensing solutions**



Features

- Robot with 3 kg payload
- Robot reach approx. 600 mm
- Manual component handling



Dispensing technology

- Static mixing system for one- and two-component materials, including gap filler and casting applications
- Materials handling from cartridges, hoblocks and 200-liter-containers
- Beckhoff dispensing control system

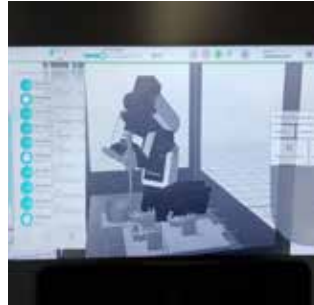
RAMPF automation competence in the smallest of spaces

Equipment



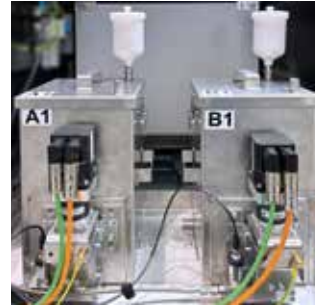
Static dispensing mixing system

Static 1C and 2C dispensing system



Control system

Robot programming from Fruitcore with 3D real-time display of the robot movement and dispensing control from Beckhoff



Material processing

Processing of materials from cartridges, hobs or 200-liter-containers



Optional expansion

- Electronic scale
- Nozzle control
- Pail-press
- Tank stand
- Transfer station
- Nozzle cleaning hot wire
- I/O Interface

Technology must be simple!

Programming the robot



- Simple management and setup of all components
- Shortest changeover times for the use of different dispensing tools / mixers
- Fast editing for easy process control
- Simulation of the entire 3D environment for improved user-friendliness
- Simple graphical programming of splines for shortest set-up times
- Preview function for splines reduces operating errors
- AI Copilot offers comprehensive, simple and directly accessible support
- Simple process control during operation for high efficiency

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