

Convinces with precision.

The Mössner Deburring Center



The machine concept of the Mössner Deburring Center combines a compact design as well as highly flexible handling. The deburring center can be easily and quickly transported to every desired production location (by crane, fork lift truck) without any disassembling works. Due to the 7 freely programmable axes, the huge working space and the tool pick-up station as well as the simple handling there are almost no limits for deburring of castings. Regarding maintenance and repair, a minimum of changeover times and downtimes is achieved due to the simplicity, robustness and operator convenience of this machine. The machine is programmed with a KUKA robot control.

Typical machining tasks

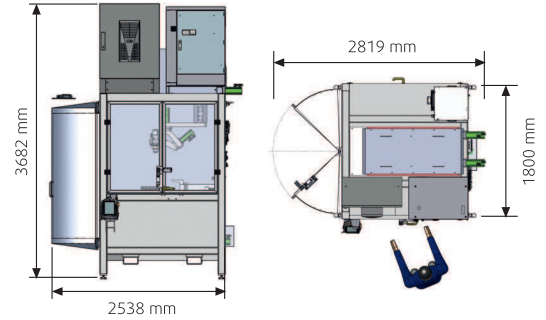
- deburring and trimming of light metal castings
- deburring and trimming of machined work pieces, removal of secondary burrs

Pneumatical compensation unit

attached to spindle, for variable feed control

Tool changer

Pick-up station with 6 different options for tool changing, sensor controlled



Main features

- high flexibility
- excellent price/performance ratio
- compact and space-saving design
- for work pieces up to 50 kg
- integration into automated production line
- manual and automated loading

Technical specifications

- Robot control Kuka KRC4
- Traverse:
 - Axis 1: 1000 mm, Axis 2: $\pm 40^\circ$
 - Axis 3: 500 mm, Axis 4: $\pm 100^\circ$
 - Axis 5: $\pm 180^\circ$ (optional Axis 6: 1000 mm hub, Axis 7: 360°)
- about 5 sqm stand-up surface
- flexible expandable tool holder

High-speed milling spindle

- liquid cooled
- spindle drive with shaft joint 3 kW, max. turn 45.000 min⁻¹
- automatic tool pick-up station
- tool holder HSK 25 E



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