

Precision deburring cell



Tools:

The carbide pins used by Sampas are precision tools which have been tried and tested specifically in deburring with industrial robots. The application of hard material layers to the cutters results in increased wear resistance, reduced cutting forces and improved chip removal.



Material:

- Light metals
- Aluminium alloys
- Non-ferrous metals
- Steel
- Unhardened, high strength steels
- Hardened steels
- High-alloy steels
- Grey cast iron or cast steel
- Plastics
- Compreg and hard wood

Applications:

- Deburring
- Milling
- Drilling
- Polishing
- Brushing
- Grinding
- Cutting
- Assembly

Your benefits:

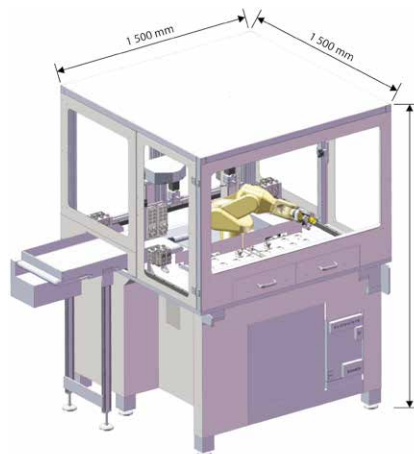
- + Uniform precision
- + Constant quality through direct measurement of displacement and force
- + Flexibly adaptable thanks to modular construction
- + Fully encapsulated machine
- + Simultaneous machining and loading possible
- + Individual solutions

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Technical details:

- Cubicle fully encapsulated
- 2 Drawers for manual loading*
- 1 Discharge conveyor*

| | |
|--------------------------------|--|
| Total space requirement | approx. 2.25 m ² – depending on equipment |
| Total height of cell | 2,085 mm |
| Working height | 1,100 mm |
| Total weight | approx. 825 kg – depending on equipment |
| Connected load | 1.8 – 2.0 kWh |
| Chip tray volume | 60 l |



*customisable

We provide ready to use robot systems and automation solutions:



Processing:

- Deburring
- Milling
- Grinding
- Stroke filing
- Polishing



Assembly:

- Assembling
- Screwing
- Shrinking
- Pressing
- Glueing



Handling:

- Picking up
- Stacking
- Insertion
- Removal
- Placing

Everything from a single source:

Thanks to our integration into the **Pütz Group** and the resulting **synergy effects**, we are able to offer you not just robot systems and automation solutions, but also the appropriate test technology to test surfaces for dimensional accuracy.

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