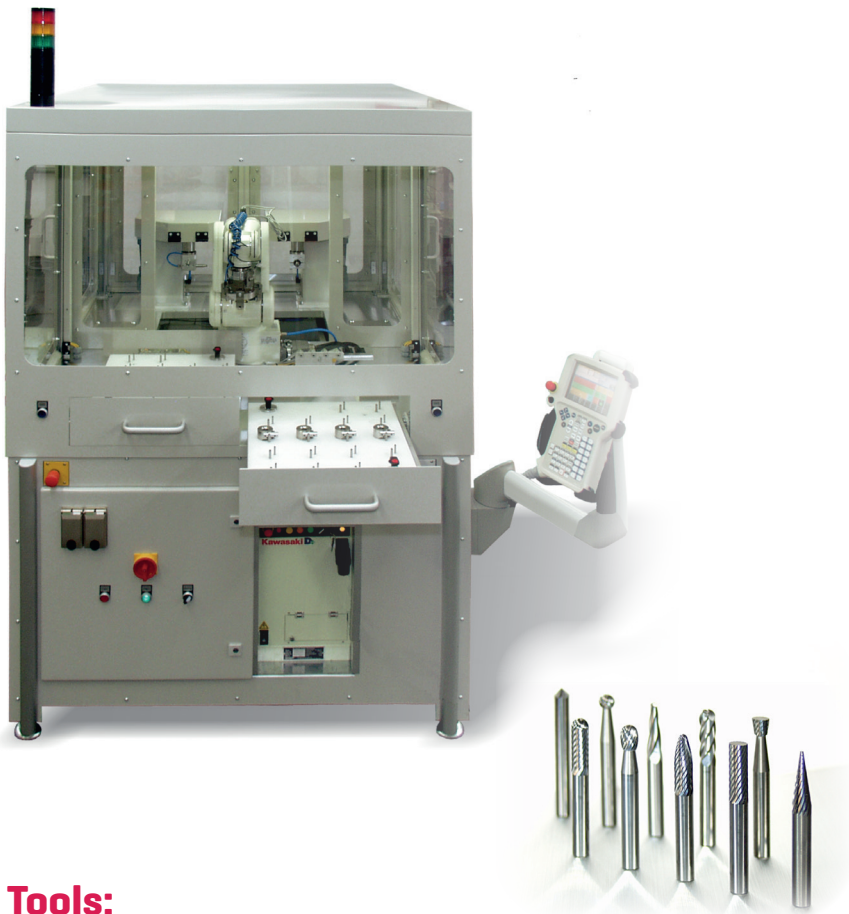


# PRECISION DEBURRING CELL

# SAMPAS

efficient robot solutions

ROBOTIC SYSTEMS  
AND AUTOMATION SOLUTIONS



## 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 benefit:

- ⊕ Uniform precision
- ⊕ Direct measurement of displacement and force for constant quality
- ⊕ 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<sup>2</sup>  
depending on equipment

**Total height of cell** 2 085 mm

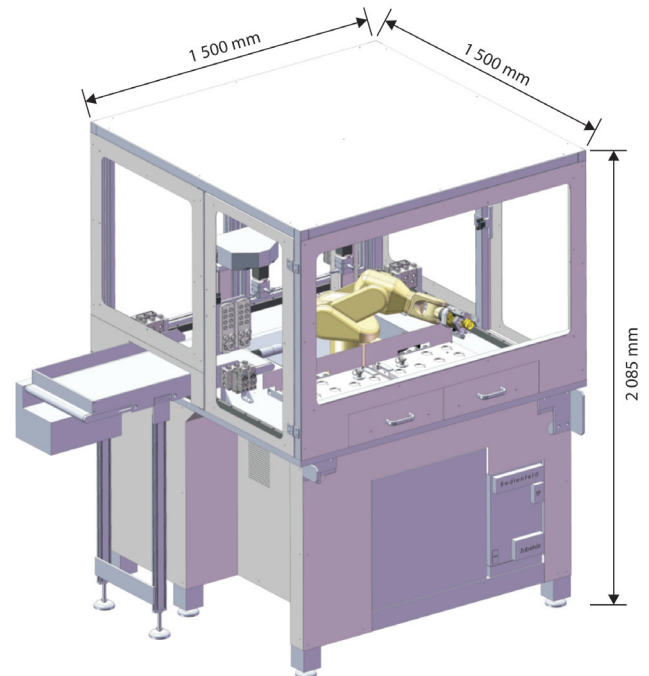
**Working height** 1 100 mm

**Total weight** approx 825 kg  
depending on equipment

**Connected load** 1.8 – 2.0 kWh

**Chip tray volume** 60 l

\*customisable



## Our services:

- Project planning and management
- Programming
- Electronic and mechanical design
- Commissioning
- Production interfaces
- Manufacture and assembly

## 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 only Robotic systems and automation solutions but also the appropriate testing technology to test surfaces and dimensional accuracy and completeness.

**SAMPAS GmbH takes care  
of everything:**

... project planning  
and programming,  
project management,  
production interfaces, activation,  
operational approval, production  
oversight and much more!

**We look forward  
to hearing from you!**

**Sampas GmbH**

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