

ROBOCUT

Robotic arm	6-axis interpolated anthropomorphic robot
Configuration	High precision
Max. robot range	2.700 mm
Electrospindle	Power up to 14,4 kW Speed 24.000 rpm
Automatic tool change	5 positions
Worktop	Hexagonal rotary table 1.200 x 1.200 mm, rectified steel, with blocking system inserts
Rotating table	Infinite rotation, with mechanical anchoring system
Safety	Safety guards with access door
Steel base	Available
Numerical control	XMC Robot on smartpad
Axes interpolation	6 + 1 (rotary table)
Dimensions	6.000 x 6.000 x 3.700 (h) mm (perimeter protections)

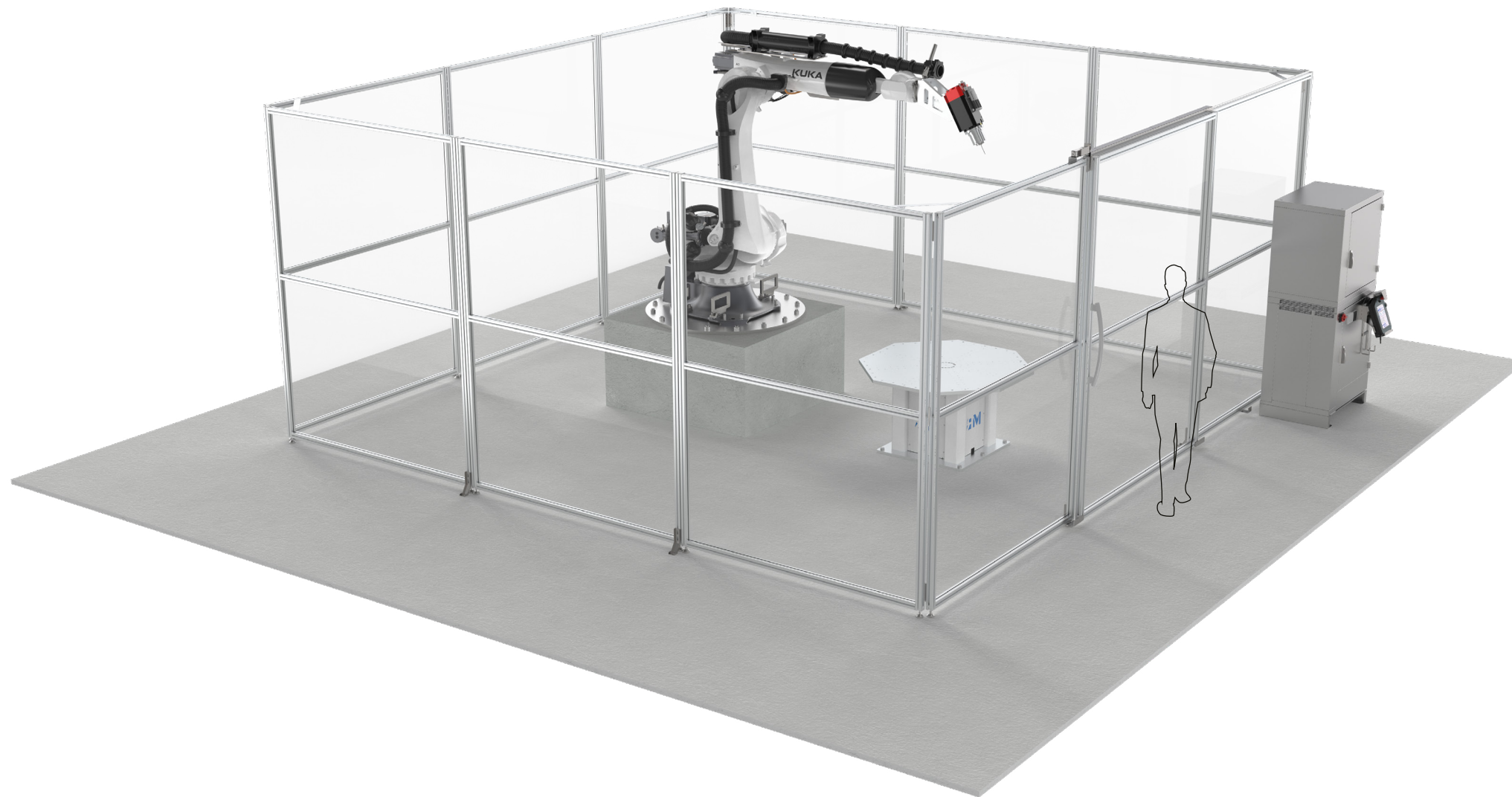


ROB-24-0-EN



ROBOCUT

THE IDEAL SOLUTION TO OVERCOME EVERY THREE-DIMENSIONAL MILLING CHALLENGE WITH VERSATILITY AND EFFICIENCY.



HIGH POWER ELECTROSPINDLE

- Power up to 14,4 kW
- HSK F63 tool holder
- Speed 24.000 rpm
- Liquid cooling

AUTOMATIC TOOL CHANGE

- 5 positions station
- Optimization of working time
- Presetting for automatic tool length measurement

CAM SOFTWARE

- Graphic simulation of tool path and arm movements
- Visualization of collisions and points of singularity
- Toolpath creation with CAM software

SAFETY

- Perimeter security guards
- Sliding door for easy access to working area

CNC SYSTEM AND CONTROL UNIT

- XMC Robot, simple and intuitive operator interface on touch smartpad
- Ability to upload single large files thanks to the buffering function

ROTARY TABLE (7th AXIS)

- Round rectified table in steel
- Payload 1.500 kg
- Infinite rotation with zero backlash

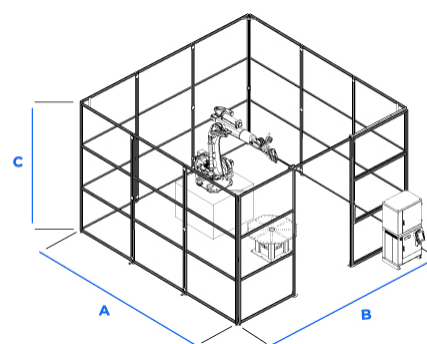
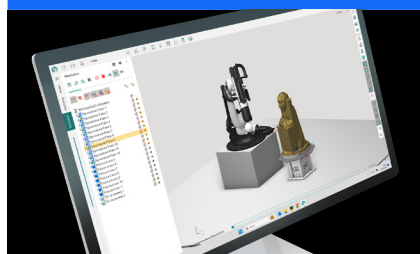
ANTHROPOMORPHIC ARM

- Extension up to 2700 mm
- Calibration in position accuracy for a high level of finishing
- Maximum freedom of movement for milling complex geometries

CNC INTERFACE

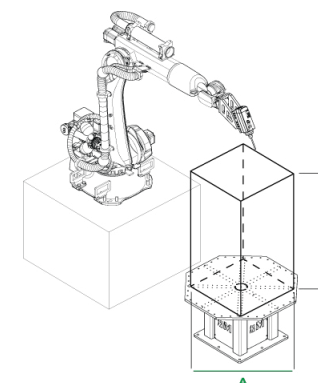


CAM SOFTWARE



OVERALL DIMENSIONS

- 6.000 x 6.000 x 3.700 (h) mm



MAX. DIMENSIONS OF THE PIECE

- Diameter up to 3000 mm
- Height up to 2500 mm