

## Universal robotized welding workplace



### Utilization:

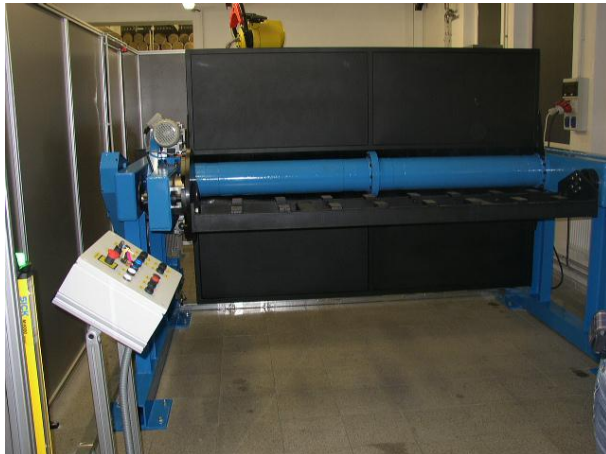
Universal robotic workstation is designed for TIG and MAG weldings of various sizes (up to approx 1500x800x800 mm) and weights 500 kg.

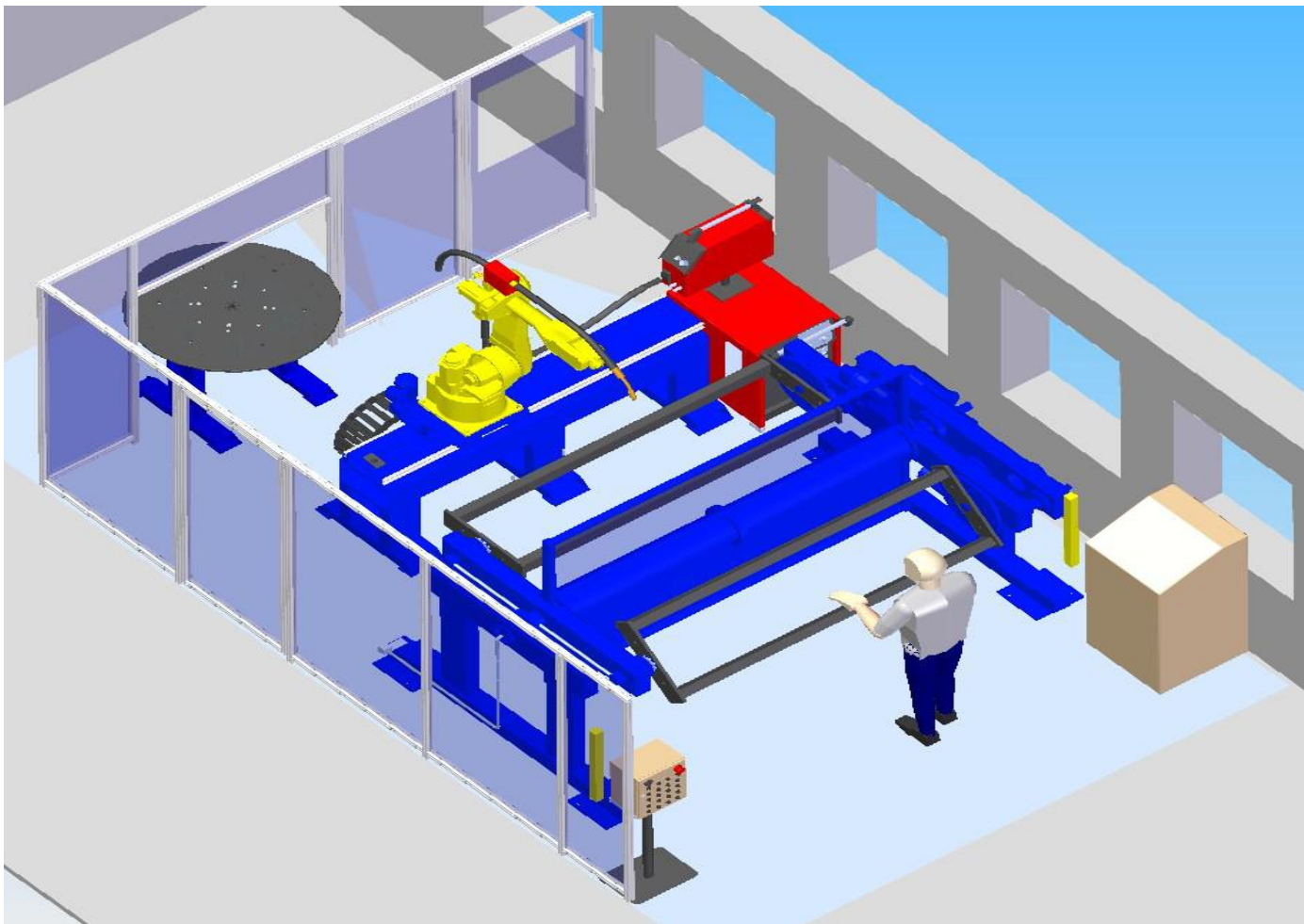
### Technical description of device:

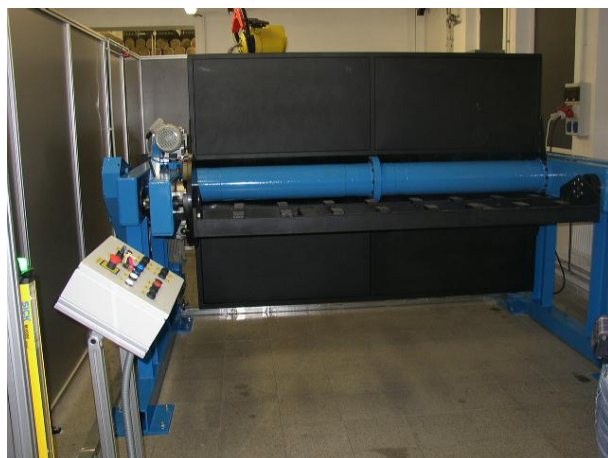
The operator places parts of weldment into welding preparations, checks and removes the finished weldments, or may perform or repair welds. In the meantime the robot is working. Operator gives instructions for welding, stopping or changing position from control panel on its side

### Basic equipment of workplace:

- Robot FANUC ARC MATE 120iB with control system (load capacity 20kg, reach 1667 mm)
- Wire feeder
- Welding head
- displacement base of robot 2 000mm
- Positioner DOPH 3E-2000 V1
- Rotary positioning table
- Control box
- Welding power supply CMT
- Protective barriers and shielding workplace with access doors
- Fume extraction
- Light barrier - protects operator







**Realization:**  
Kovomax s.r.o., Rožnov p.R.

2008

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