

# LIGHT ROBOTICS

AUTOMATED TOOL  
MANAGEMENT

- Modular Platform for automated tool management
- Configurable for individual processes
- Digitally integrated





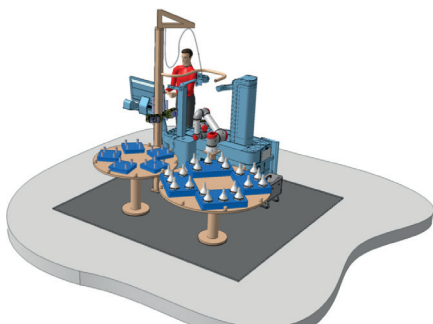
## **AUTOMATED TOOL MANAGEMENT**

### **Area of Application**

Broetje-Automation's Tool Management system automates supportive processes for machining applications. From tool provision, over tool set-up, tool measurement to management of tool storage the system ensures shift-independent operations of machining systems.

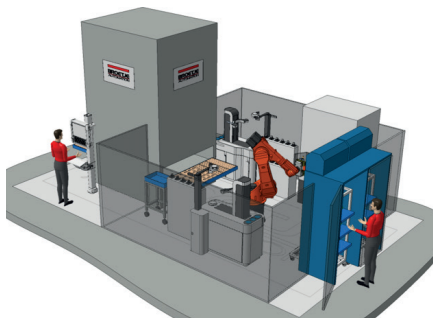
The system not only increases efficiency but also provides added value towards a safe, sustainable and resilient production. Based on a modular approach, the system can be adapted to individual requirements depending on production rate, workshop space requirements and level of automation.

### **Configuration Options**



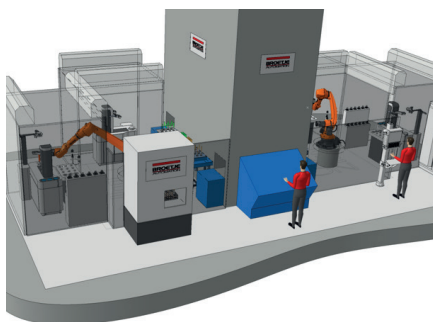
#### **Semi-Automatic CoBot Solution**

- Manual loading of the turntables, e.g. second shift
- Kick protection mat secures work area
- Worker can also use Station manually
- ~10 cycles per hour



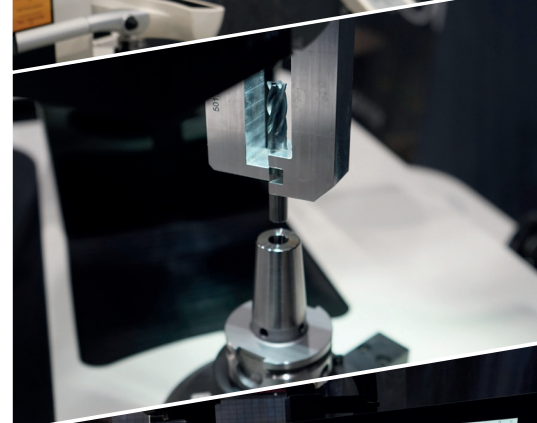
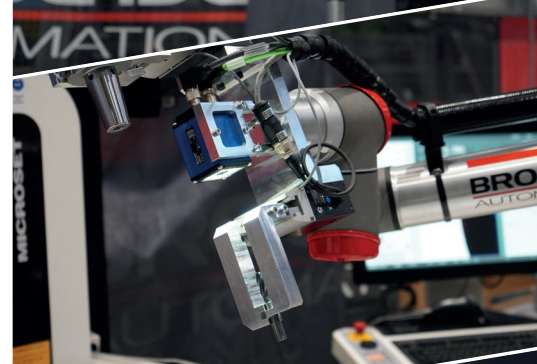
#### **Full-Automatic Robotic Solution**

- Robot performs tool handling
- Worker equips automated washing machine and tool storage
- tool accessibility via HSK wagon
- ~20 cycles per hour



#### **Large Industrial Solution**

- Double Robot Cell for tool handling
- Worker equips automated washing machine and tool storage
- Tool accessibility via automated tool storage
- ~40 cycles per hour



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