



# BUMOTEC MACHINING CENTERS INCLUDING AUTOMATION SOLUTIONS

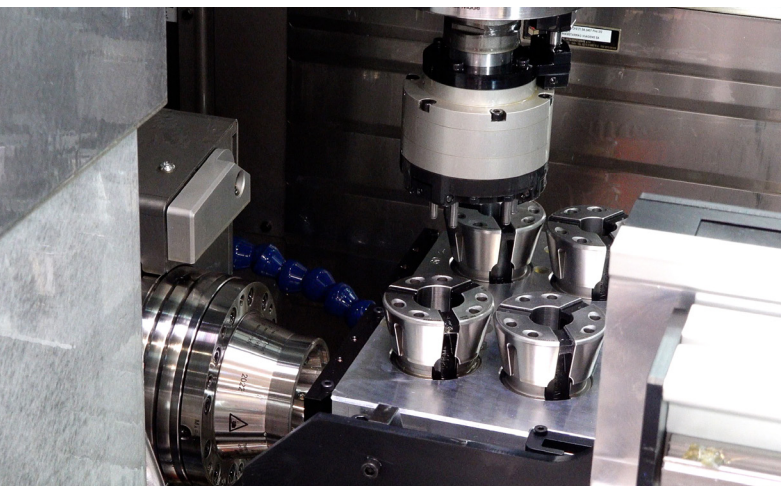
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Contact

Bumotec  
Automation  
Solutions

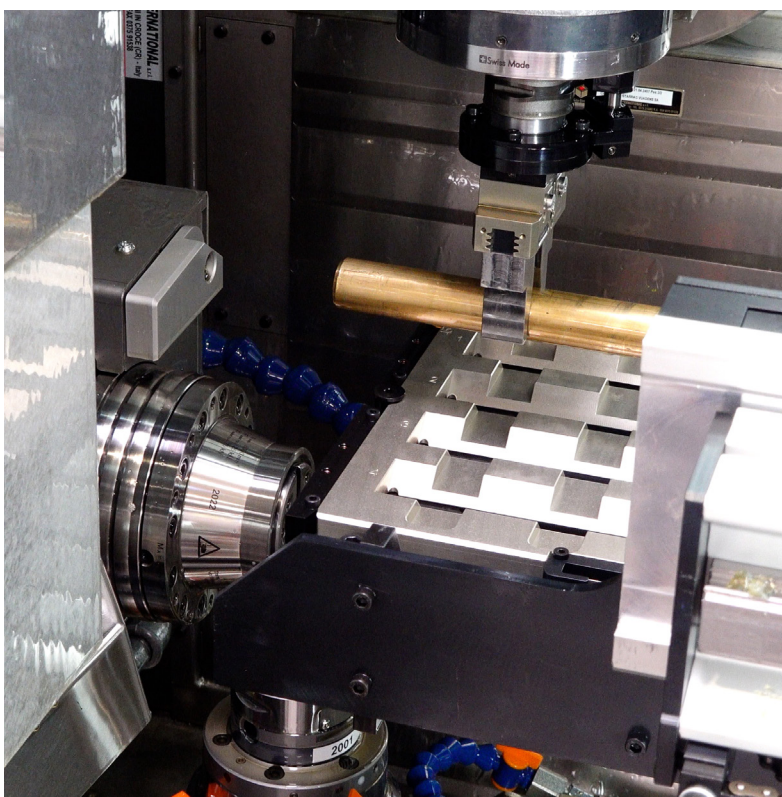
**Rapid clamping systems can  
be stored and loaded from  
the palletizer**



Minimizing human intervention while changing diameters or parts in production, the completely integrated loading/unloading unit enables highest autonomy at lowest investment cost. Give a boost to your productivity 24/7

**Loading short bar from  
the palletizer is easily  
performed by the  
automation system**

Whether producing identical parts in different diameters, or complementary connecting parts, loading short bars or blanks from the palletizer allows no interruptions in the production process.

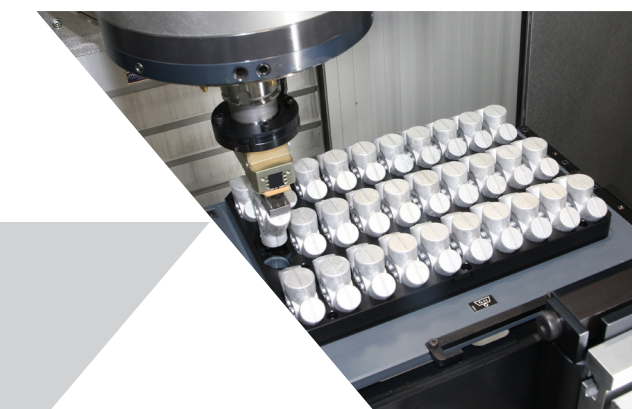


**191<sup>neo</sup> linked to a cobot  
High-precision multi-task  
production centre**



Complete machining solution  
Production from bars or blanks  
New generation linear motors  
Up to 7 axes and 3 spindles  
5 simultaneous axes  
Up to 90 tools  
New MMI touchscreen with  
Windows-based PC

High autonomy with 10 pallet slots ¼ EUR  
Space available for 1 additional static pallet  
(for sampling and non conform workpieces)  
Pallet dimensions ¼ EUR 620 x 420mm  
Cleaning by blowing  
Automatic tool changer



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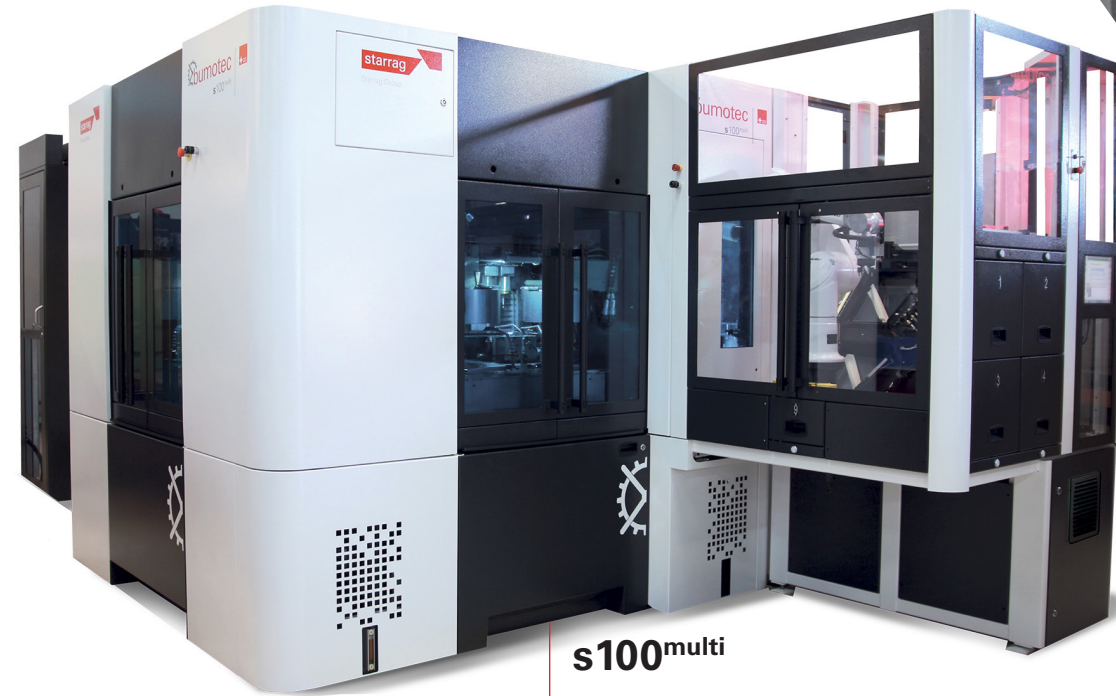


## AUTOMATION WITH PALLETIZER

A completely integrated loading/unloading unit enables highest autonomy at lowest investment cost. No referencing needed when changing parts. Parts handling through spindle grippers in the working spindle (stored in the tool magazine ). Simple use of the machine axes. The pallet magazine can store raw parts as well as rapid indexing pallet systems such as 3R, Mecatool, Yerly and others.

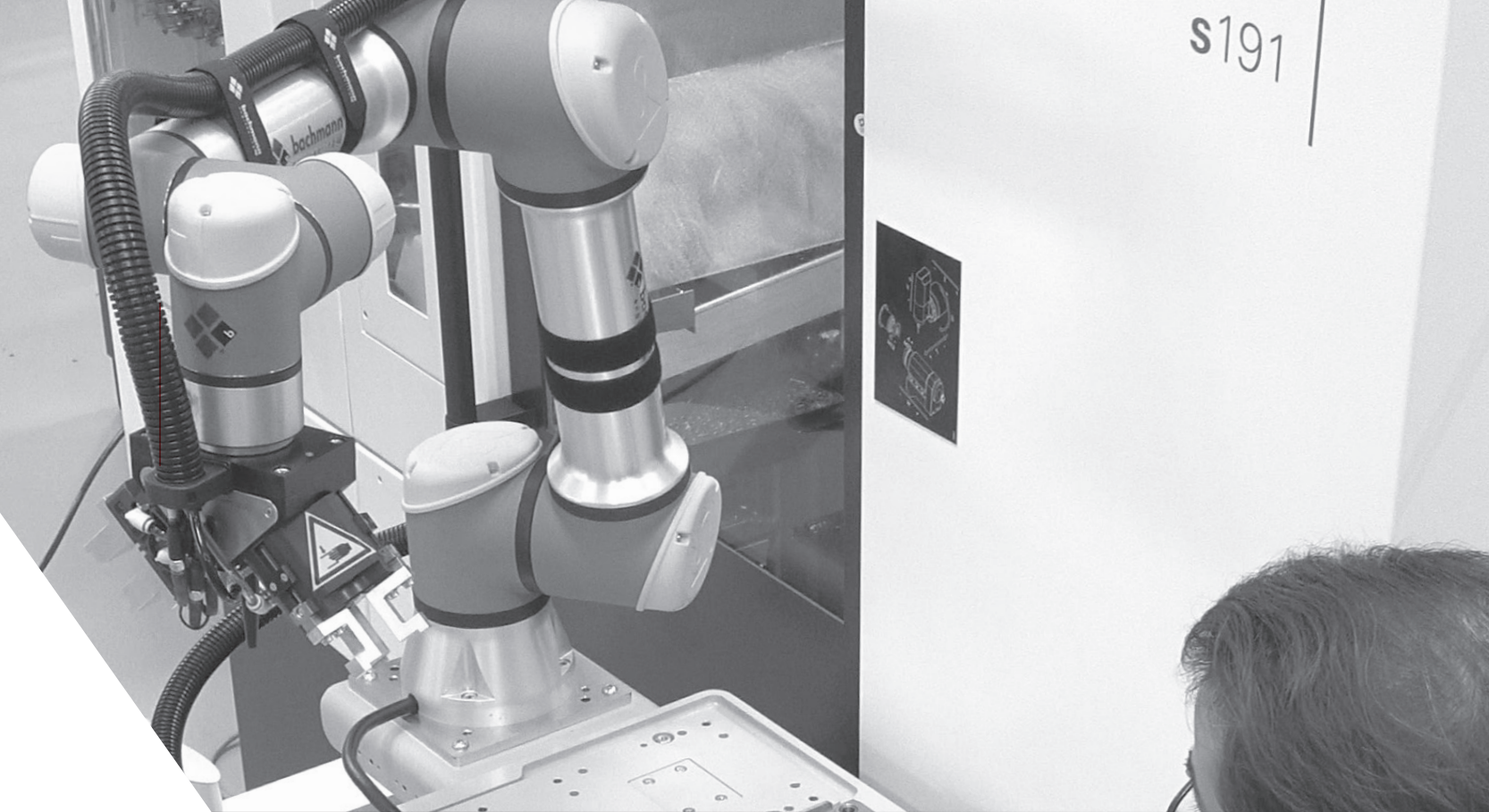


## PRODUCE 24/7 WITHOUT INTERRUPTIONS



s100<sup>multi</sup>

Multi station production center



## ROBOT CELL

A fully automated system including VISION SYSTEM, GRIPPER SYSTEM, 6 AXIS ROBOT, LOADING DRAWERS, SAMPLING STATION



s191H

High precision CNC mill/turn



## TAKE THE CONTROL OF YOUR PRODUCTION WITHOUT OPERATOR INTERVENTION

## CUSTOMIZED SOLUTIONS

Based on customer request, Bumotec can design and build specific automation system. The Bumotec machining centers can be used as stand-alone machines or as manufacturing cells and can be built up into flexible production systems

## COBOT LINKED TO A MACHINING CENTER

The collaborative robot can be easily plugged to existing Bumotec production equipment. With its 6 joints and very great flexibility, it is able to reproduce the movements of a human arm.



## UP TO 20 PALLETS INTEGRATED INTO THE MACHINING CENTERS