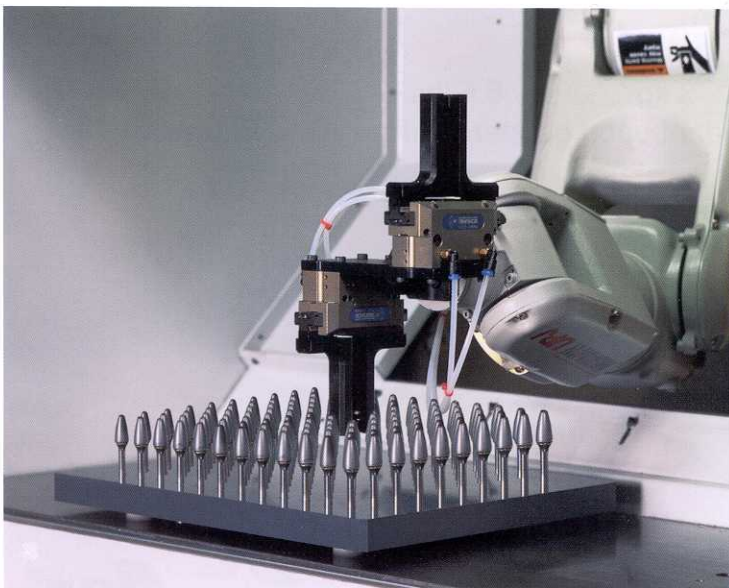
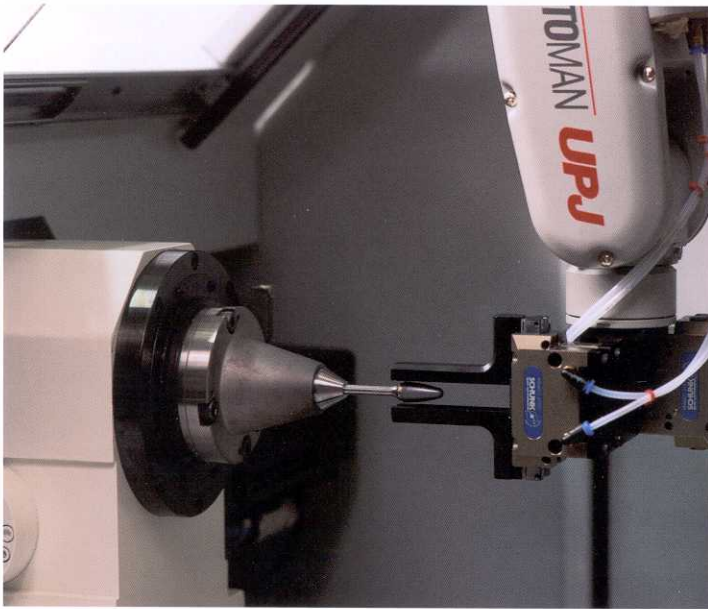




# *Star Auto Loading*

**Flexible Robotic Loaders**



*The Star solution for tool handling*

## Motoman Auto Loading

Star carefully chose the Motoman robot because of its flexibility. The robot communicates with the CNC to synchronize all aspects of the grinding process; loading the blank into the chuck and removing the finished tool and storing it in the pallet.

## Motoman works while the machine grinds

The Motoman robotic loader does a lot more than just put the part in the chuck and take it out again. While the machine is grinding the next part, Motoman can work behind the scenes. What would you like Motoman to do? Package the finished tools? Dip the tool in a preservative? Position the tool for etching? Motoman is fully-programmable and capable of remembering one-hundred different routines. Use your imagination and put the power of Motoman to use. Star will work with you to design the system to work the way you want it to.

- Packing
- Etching
- Dipping
- Deburring
- Double-ended grinding

## Compatible Star Grinders

The Motoman robot is compatible with the ETG, ETGplus and the STG.

## Motoman Robot Specifications

6 Axis Movement

Maximum Tool Weight ..... 3 kg ..... 6.6 lbs.<sup>1</sup>

The maximum tool diameter and tool length are dependent upon gripper configuration. Please contact Elk Rapids Engineering regarding your application.

1. Maximum weight includes grippers and adaptor plate.



If you have any questions, or would like to learn more about the complete line of Star Cutter machines, call 231-264-5661 or FAX 231-264-5663  
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