



# Eureka G-Code

Swiss-type machines programming  
with Eureka G-Code

## Reduce machine setup time

The setup of a swiss-type machine and prove out of G-code programs can be a very **long and costly process with a negative impact on production times**, time-to-market and profitability.

**With Eureka G-Code you can reduce machine setup time by up to 80%.** In Eureka you can simulate and verify all G-code programs created either manually or post-processed from a CAM system.

**You can also modify G-code programs to prevent damage and optimize cycle time.**





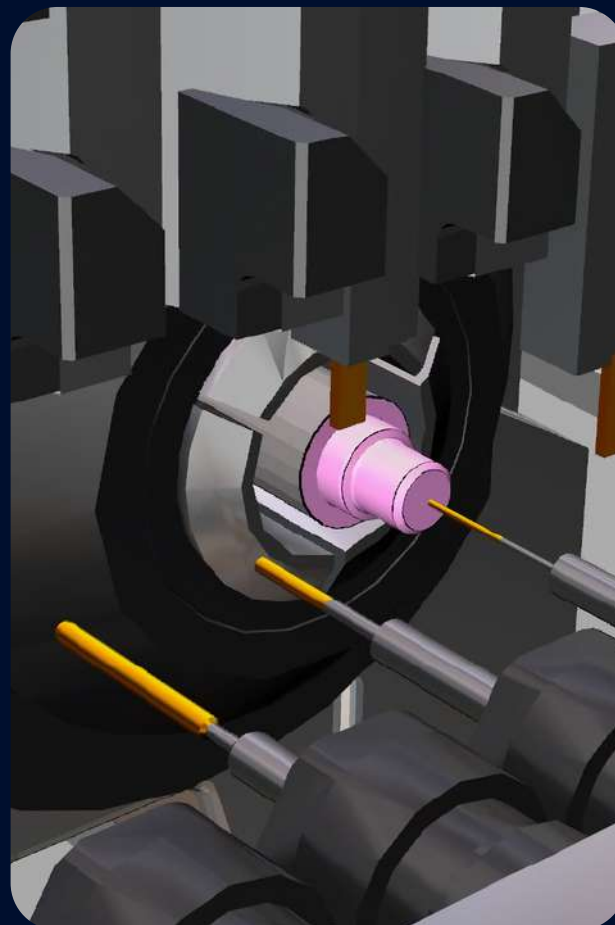
# Complete simulation of swiss-type machines

All the tools and functions of swiss-type machines can be simulated and verified in Eureka G-Code thanks to a complete and reliable digital replica of the real machine, including

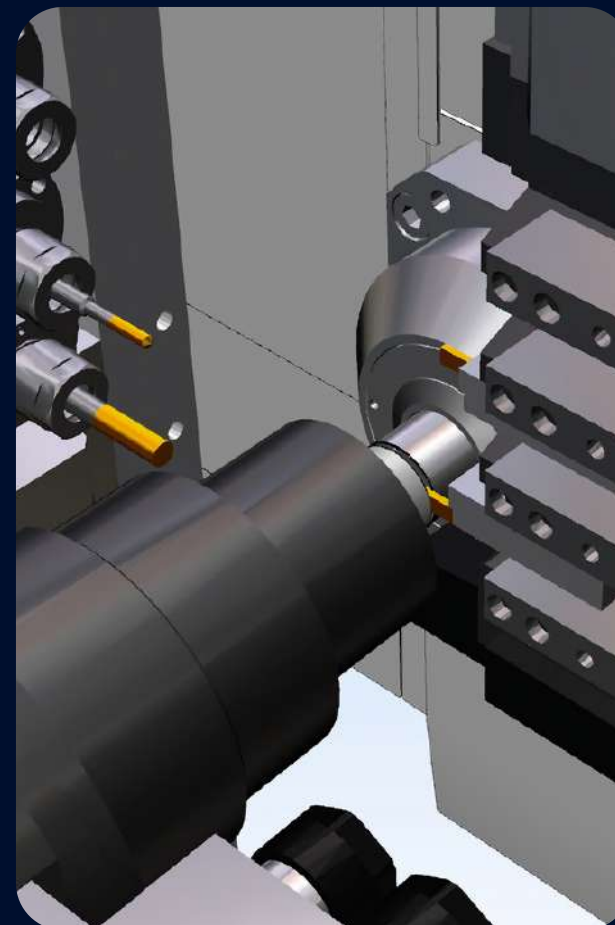
**B-axis**



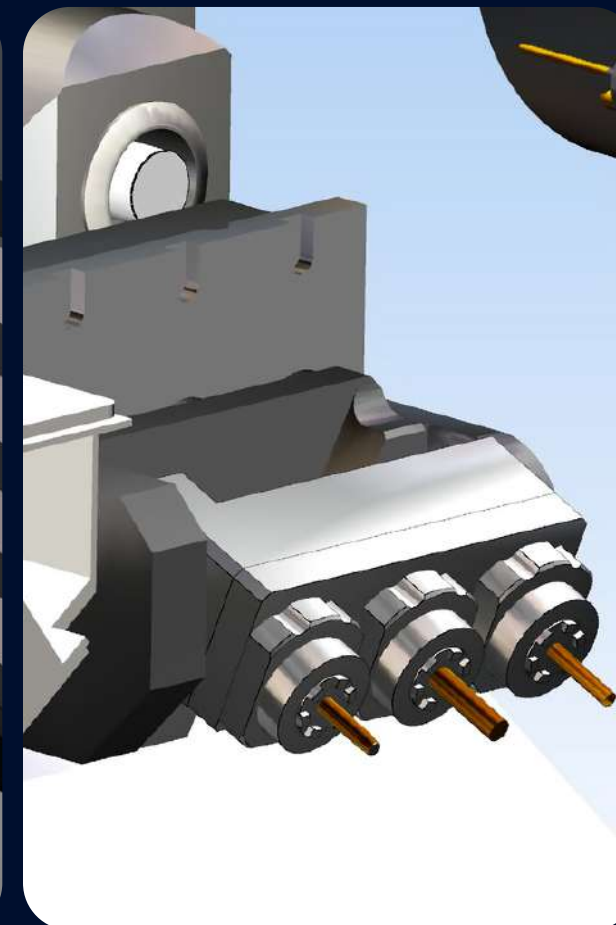
**Coupling  
Z-axis**



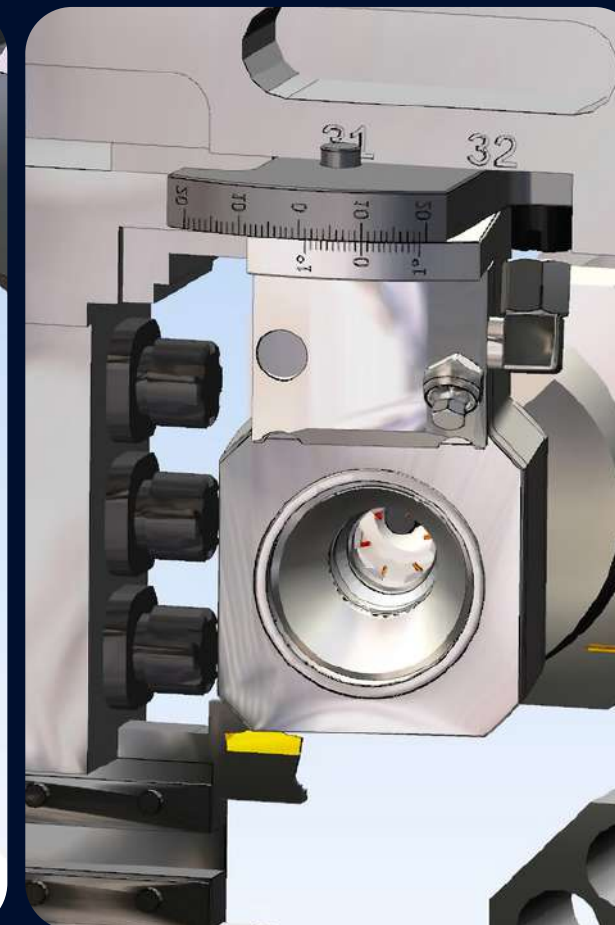
**Workpiece  
transfer**



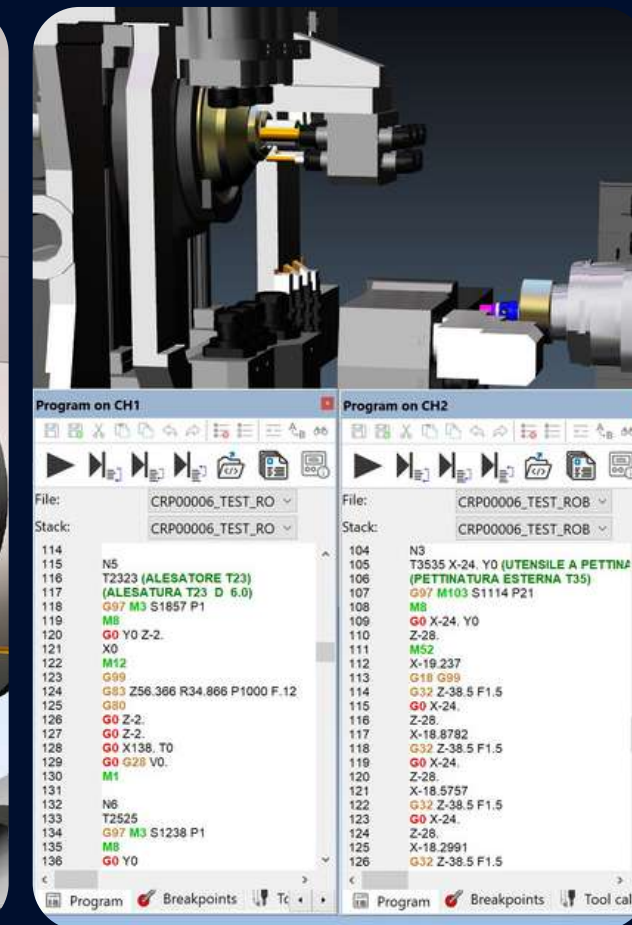
**Angle heads**



**Thread whirling**

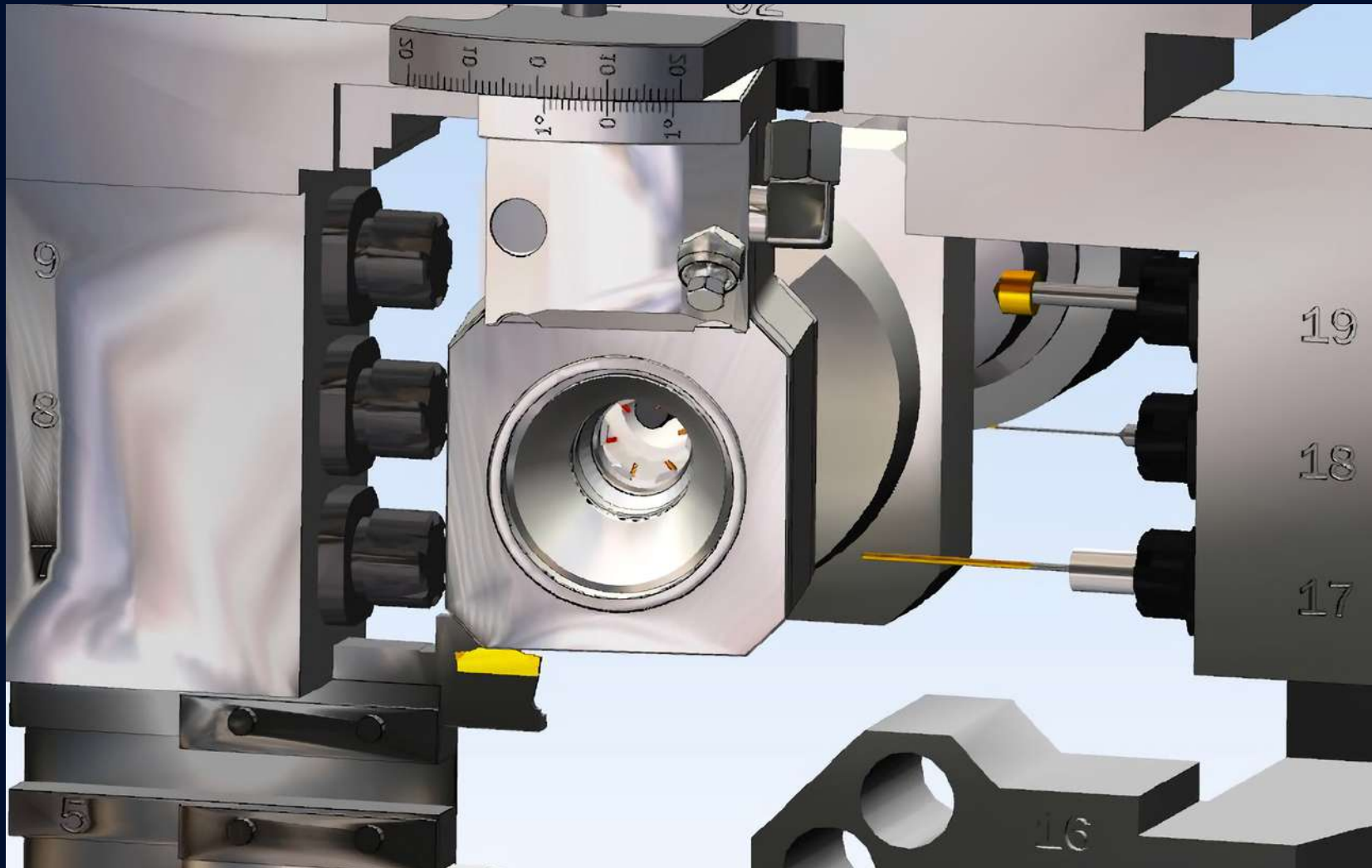
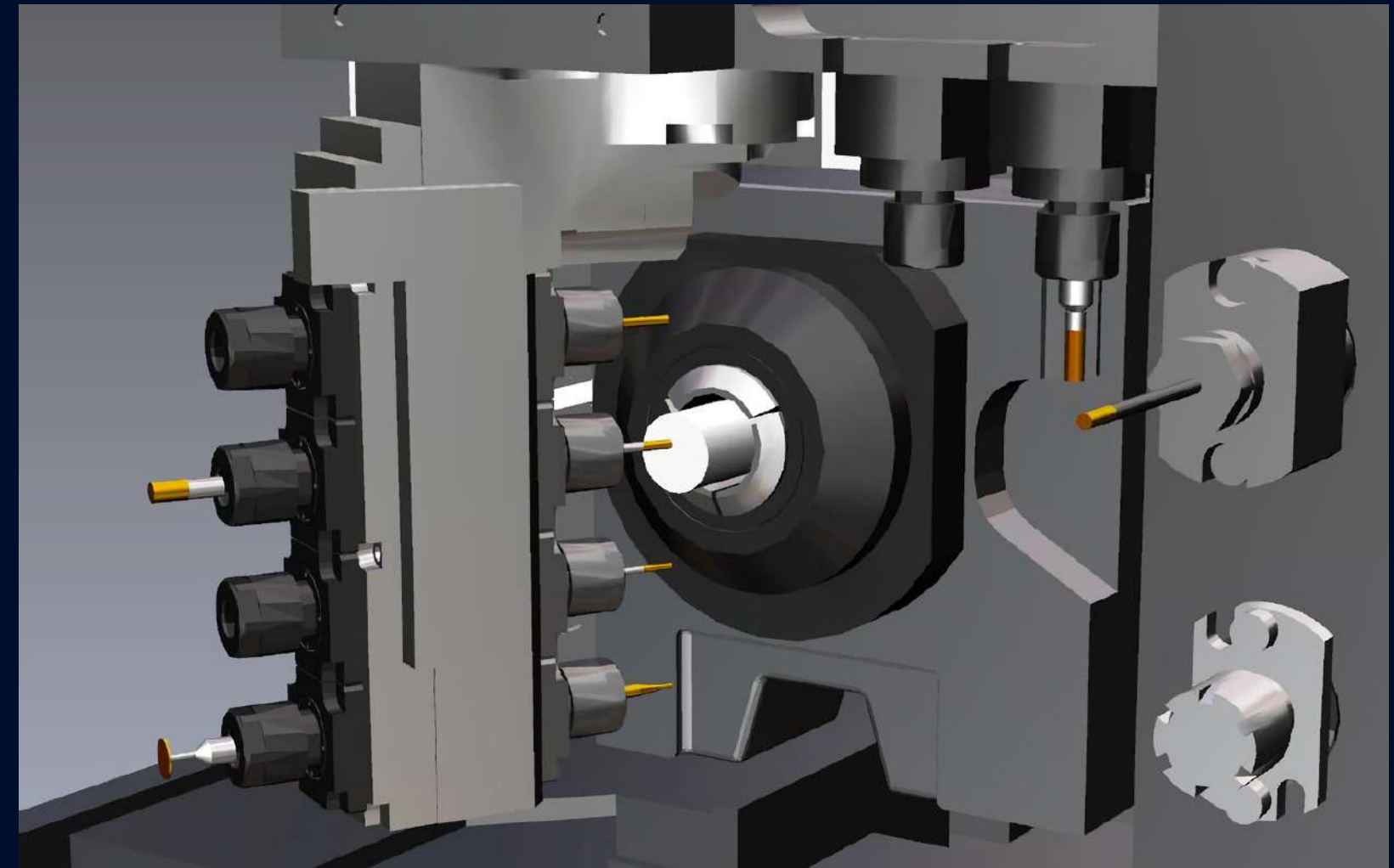


**Channel  
synchronization**



## Machine setup in Eureka G-Code

In Eureka you can change the setup of a swiss-type machine by checking collisions on the computer and easily find the optimal position of the tools.



## Tools

Tools regulation like the whirling tool can take up valuable time on the machine. With Eureka you can test all the adjustments and verify the final result on your computer, without taking the real machine out of production.



## About us

For over **15 years**, Roboris has been a leading developer of manufacturing software solutions. **Eureka Virtual Machining** is an innovative suite of software products for the simulation and optimization of NC programs and industrial robots.

Roboris software is designed and developed **100% internally**, allowing for in-depth customization at any level.

Over the years **Roboris** has earned a reputation of excellent **customer service**, both towards our direct customers and our partners. We strongly believe that **we can provide our Customers excellent tools to increase their productivity** only combining leading-edge software technology with a constant attention to our users' needs.





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