

NC feedrate optimization software

Eureka Chronos

A.I. Feedrate Optimization

Eureka Chronos is a CNC feedrate optimization software developed by Roboris Srl. Chronos optimizes G-code program feedrates using A.I. based algorithms to maintain constant tool engagement and material removal, while maintaining the original CAM programs toolpath geometry.

Eureka Chronos is compatible with all popular CAM software.





Euceka Chronos

Benefits

- **✓ Improved Surface Quality**
- Reduced manual post processing
- Longer tool life
- Complete automatic optimization
- Artificial Intelligence based Algorithm's
- **Optimize existing ISO programs**
- Compatible with all popular CAM software



How much can N27693 X-92 408 Y106 41 Youssave? Youssave?

Eureka Chronos optimizes the feedrate (F) without changing the toolpath geometry.

In the real case shown here the processing time has been reduced by 22%

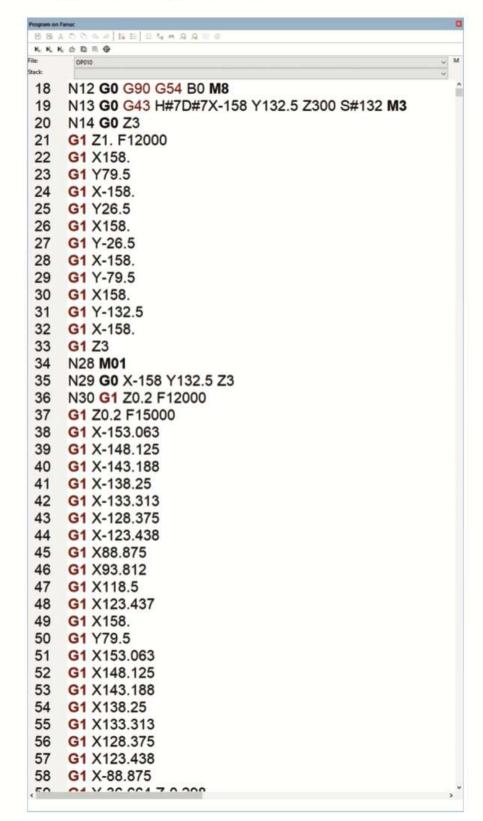
To estimate how much you can save on your work visit

roboris.com/eureka-chronos

- Spindle speed (s): 1.000 rpm
- Feedrate (F): 2.000 mm/min

Machining time

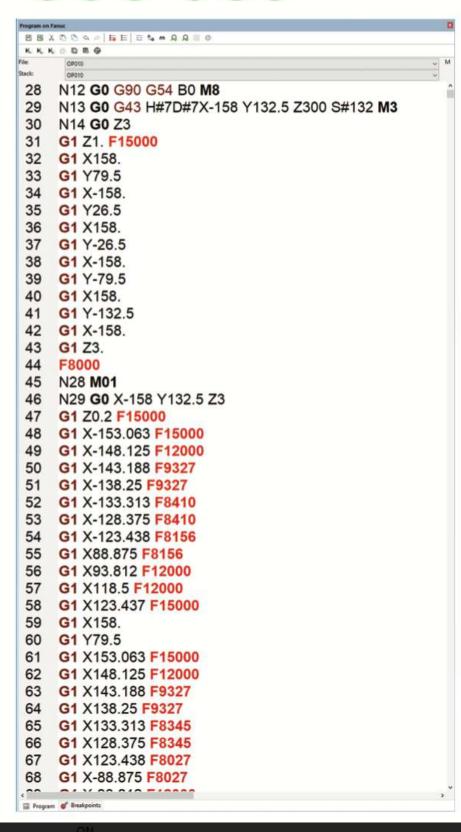
434 sec



- Spindle speed (s): 1.000 rpm
- Feedrate (F): from 2.000 to 7.000 mm/min

Machining time

338 sec



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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, for both our direct customers and our partners. We strongly believe that we can provide our Customers excellent tools to increase their productivity by combining leading-edge software technology with a constant attention to our users' needs.



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