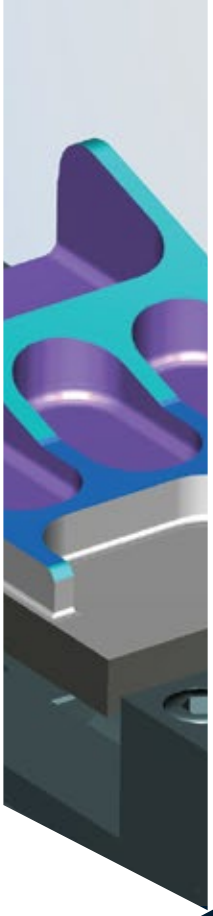


MAXIMISE MACHINING EFFICIENCY
WITH VERICUT OPTIMIZER.

Optimisation for everyone.

Vericut

vericut.com/en-gb/

Optimisation for everyone.

An optimised NC program is a powerful NC program. One that drastically boosts machining efficiency, slashes material waste, and helps accelerate your parts to market faster.

Vericut Optimizer (VO) is an entirely standalone tool path optimisation solution that doesn't need Vericut Verification to run.

If you're happy with your current CAM verification software, and aren't looking to purchase Vericut just for Force Optimisation, then Vericut Optimizer is right for you.

Comprehensive, yet simple and versatile

Easy to Setup and Use

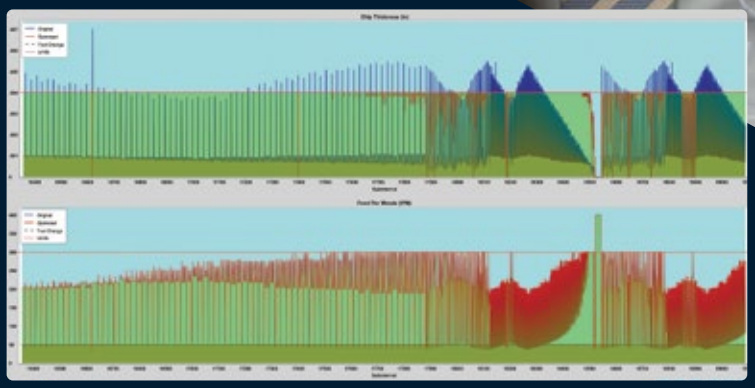
Optimise your NC programs in just a few clicks.

Versatile Compatibility

Optimise APT/CL-file or G-code NC programs output from almost any CAM system, for seamless integration into your existing manufacturing environment.

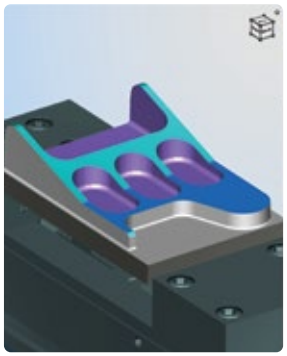
Focused Optimisation

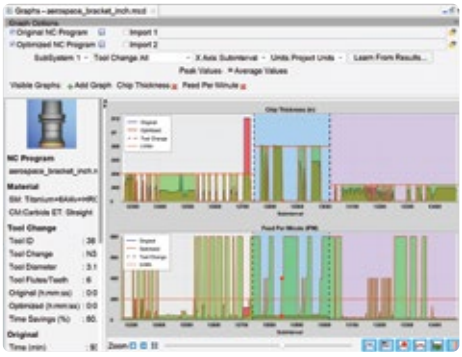
VO focuses solely on optimising cutting to deliver unmatched improvements in tool life, cycle times, and part quality.

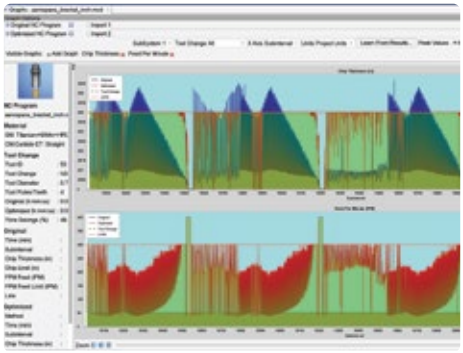


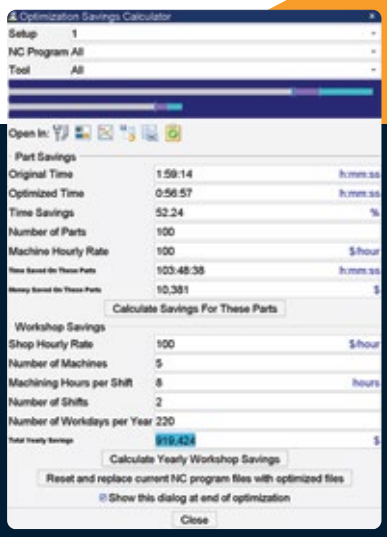
Comprehensive Features

With VO, you can easily import and create tools, assign stock and NC programs to the project tree, and generate insightful graphs. It gives you powerful optimisation strategies and flexible adjustments to make your NC programs run as smoothly as possible.









The power of Force as a standalone optimisation product

Powered by the same engine as Force optimisation (Vericut add-on module), VO provides the same cut-by-cut analysis as a standalone tool. This allows programmers to examine a whole host of machining insights - from underutilised cutting conditions and excessive forces, to metal removal rates, power, torque, and tool deflections.

Armed with this knowledge, they can make the best machining decisions - saving time, energy, and money while eliminating unnecessary material waste.

Even better, with just one click, you can get a complete review and visual analysis of the NC program before running it on the actual machine.

By using the insights Vericut Optimizer provides, manufacturers can slash machining cycle times by up to 25%, or more.

Everything you need for optimisation

With an array of data-backed optimisation features, Vericut Optimizer allows you to leverage your CNC machine's true power and potential.

Includes:

- Preconfigured Head Up Display (HUD)
- NC program display with "NC Program Review" capability
- Tool Use and Graphs windows
- Optimisation Savings Calculator

Compare Files
original versus optimised NC programs

Tool Manager
import or define cutters, Stock Material Records (SMRs)

Stock Material Catalog
>150 dyno tested Stock material-Cutter combinations + "alias" material names

Vericut Tool Performance Data
industry recommended feeds & speeds for common cutter types and materials

Make your CNC machines work harder and smarter

Adopting a balanced approach, VO accurately calculates the contact between the cutting tool path and the material and adjusts the feed rates for optimal performance. These strategic machining adjustments drastically minimise cutting time and excessive force, meaning less engineer interference and much less downtime. And best of all, it's compatible with most standard 2-5 axis milling and turning machines.

Regardless of which NC program or CAD/-CAM system you favor, **VO can optimise it to run as efficiently and rapidly as possible.**

Choose Your Material

Vericut's Stock Material Catalog contains over 150 machine-tested materials, so you can trust that it's ready for whatever you're working with.

Gain Helpful Insights

Access charts with cut-by-cut data of Forces, Power/Torque, Chip Thickness, Material Removal Rates, Tool Deflections and Feed Rates.

Compare Files

Get side-by-side comparisons of the original NC program with the optimised NC program.

Measure Savings

Use the Savings Calculator to discover time and revenue savings across your shop floor.

Ready to unlock your machining potential?

Speak to our team today to request a free Vericut Optimizer demonstration.

Vericut

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System requirements are subject to change.
See the Vericut website for the most up-to-date product information and system requirements.