UNLEASH MACHINING EFFICIENCY
WITH VERICUT FORCE.

Verification helps you machine safely. Force helps you do it effectively.

Vericut

vericut.com

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Manufacturers like you aren't just looking to eliminate machining errors and collisions. You're craving a much smarter and more effective machining process, too.
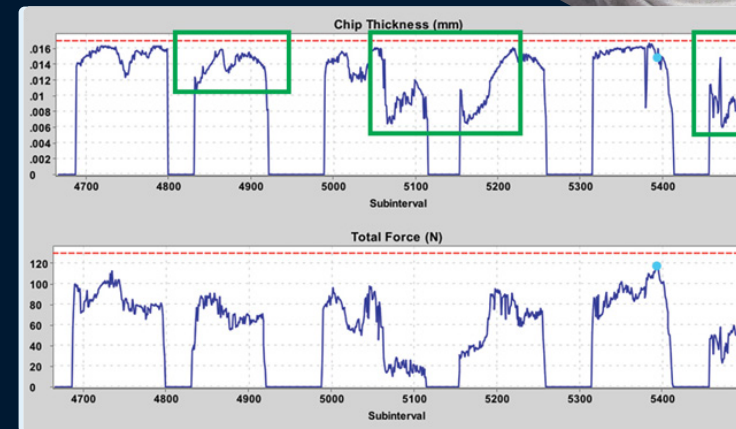
One that offers significant savings in machining time and energy consumption, and ensures tool paths and machine conditions are well and truly optimized.

The Vericut Force Optimization module delivers this, and then some.

In fact, it produces the most effective NC program for the given material, cutting tool, and machining parameters for every job, every time - even on a part or process you're running for the first time.

Feel the force

- Maximize cutting tool performance.
- Boost productivity and cost savings.
- Ready for any material and tool.
- Compatible with all NC programs and CAM systems.

Intelligent Anaylsis

Vericut Force enables NC programmers to quickly and easily visualize exactly what is happening inside the NC program itself.
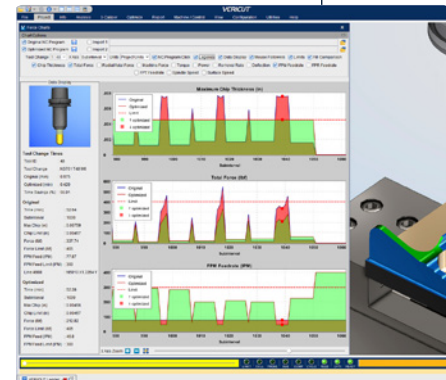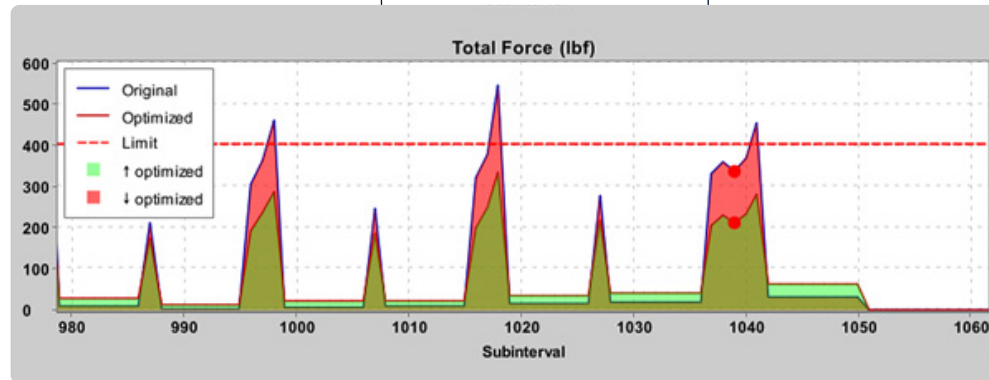
This cut-by-cut analysis allows programmers to examine a whole host of machining insights - from underutilized cutting conditions and excessive forces, to metal removal rates, power, torque, and tool deflections.

With this knowledge, they can make the most informed machining decisions - ones that save time, energy, and money, and crush unnecessary material waste.

Better still, with just a single click, an entire review and visual analysis of the NC program can be obtained BEFORE running the program on the actual CNC machine.

By acting on the insights that analysis uncovers, Vericut Force can help reduce your machining cycle times by up to 25%.

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Ready for your material

Vericut Force's Material Catalog contains over 100 machine-tested materials, so you can trust that it's ready for whatever you're working with.

Includes:

- ISO P = Steels
- ISO M = Stainless Steels
- ISO K = Cast Irons
- ISO N = Non-Ferrous Materials
- ISO S = Heat-Resistant Super Alloys
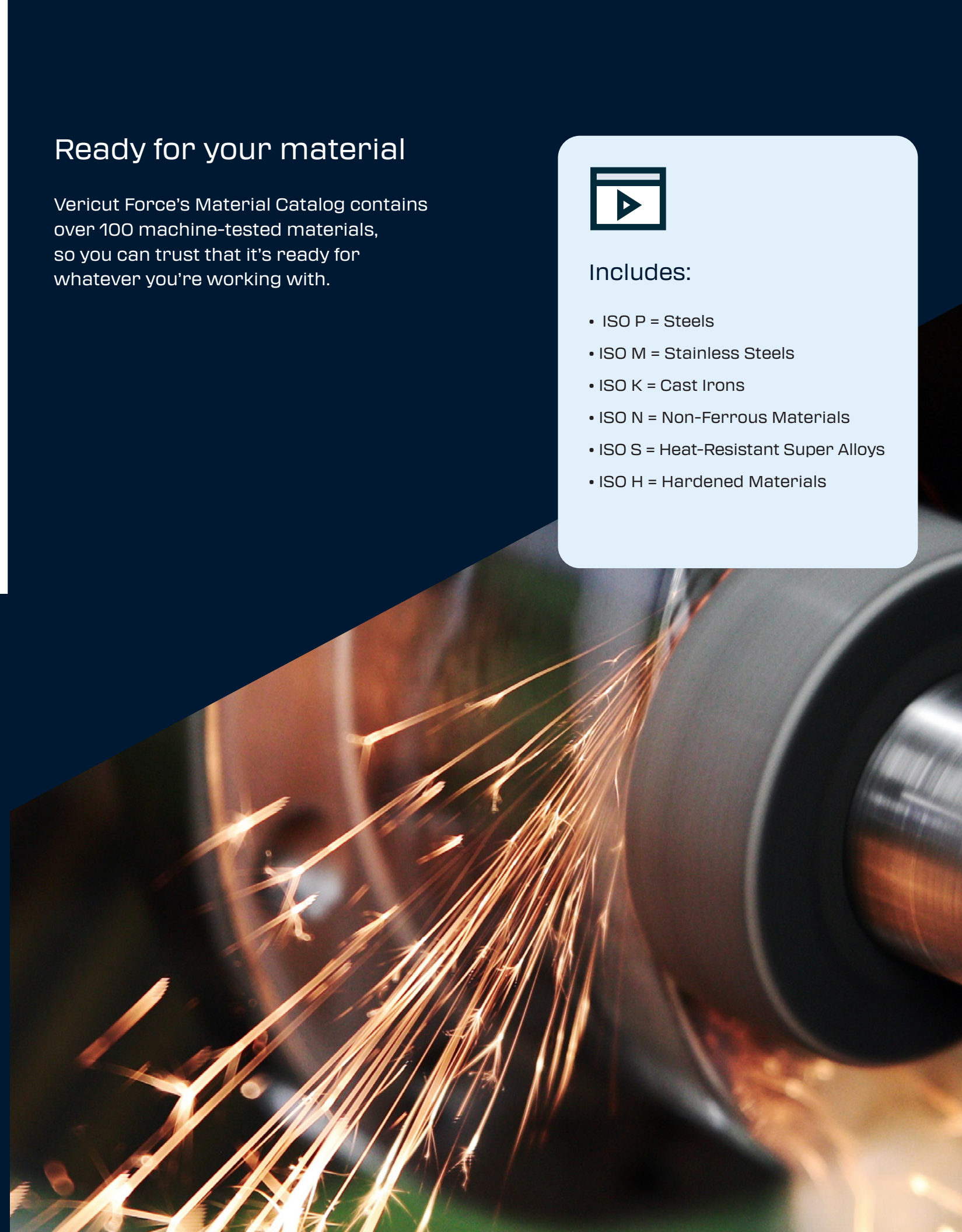- ISO H = Hardened Materials

Powerful Optimization

Once your NC program has been analyzed, Vericut Force takes it to the next level by optimizing it for best-ever performance.

Adopting a balanced approach, optimization 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 minimize cutting time and excessive force, meaning less engineer interference and much less downtime. And best of all, it's compatible with all CNC machine types, such as milling, turning, mill/turn, and more.

Regardless of which NC program or CAD/CAM system you favor, Vericut Force can optimize it to run as efficiently and rapidly as possible.

Ready to unleash machining efficiency?

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

Make your CNC machine work harder and smarter

Vericut Force's array of data-backed optimization features allows you to leverage your CNC machine's true power and potential.

Optimize Control
Analyze and/or optimize your part and material in the NC program.

Force Charts
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 Force-optimized NC program.

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

Vericut

9000 Research Drive,
Irvine, California,
92618-4214 USA

Tel: (949) 753-1050
Fax: (949) 753-1053
info@cgtech.com

vericut.com