



MILL



LATHE



MILL-TURN



WIREIN



ROUTER



HOT-LINE

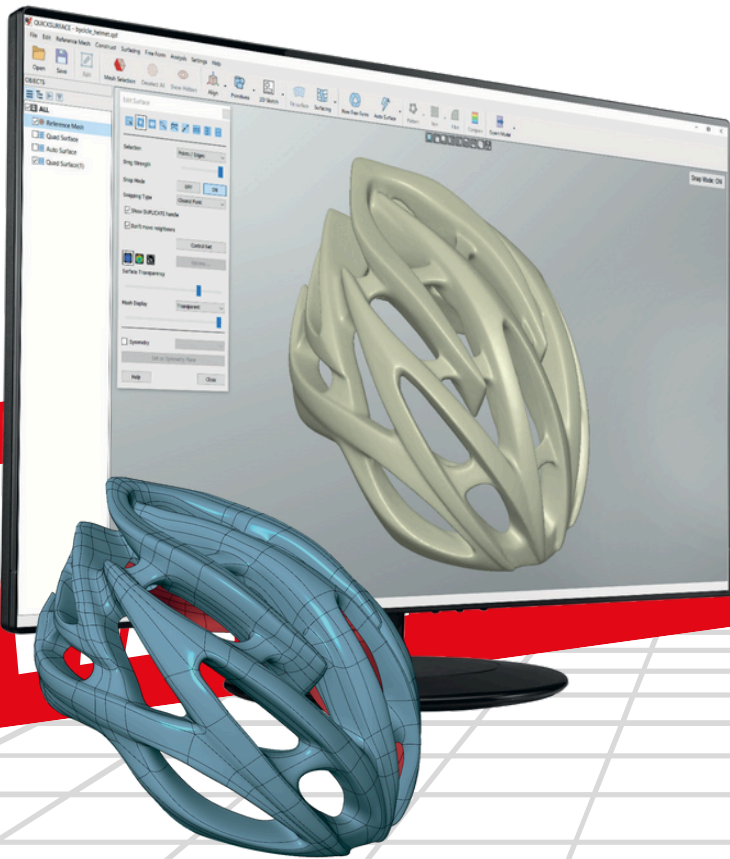


DESIGN

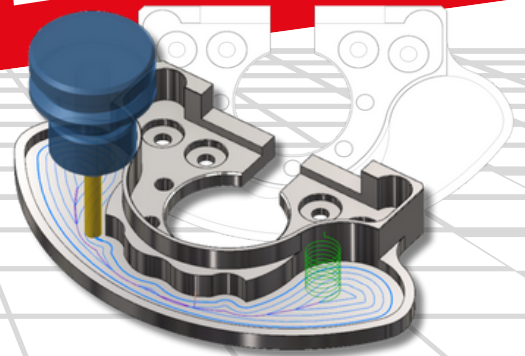


FORMATION

SOFTWARE SOLUTIONS



SMARTTECH

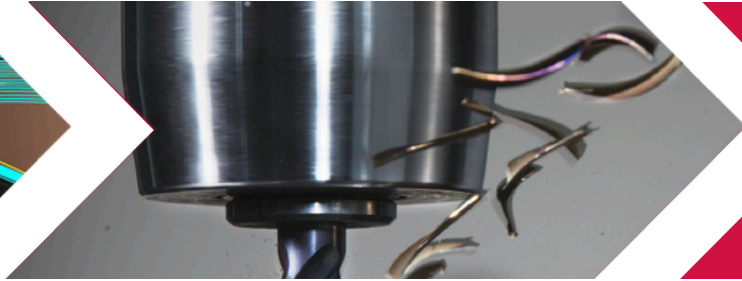
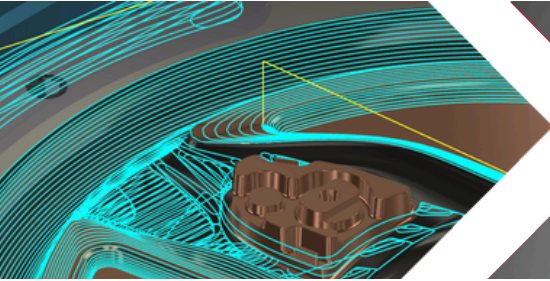


VERICUT® *Mastercam®*

QUICKsurface
The modern 3D Reverse engineering software



METALIX



Mastercam®

Powered by **SMARTTECH**
CNC Machinery & Tooling System



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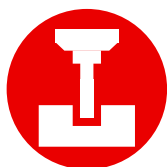


DESIGN



FORMATION

MILL



Mastercam Mill delivers CAD/CAM power and control with an intuitive programming interface..

LATHE



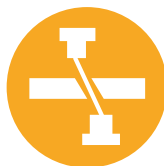
Mastercam Lathe lets you move the same part file between milling and turning operations with ease and confidence.

MILL-TURN



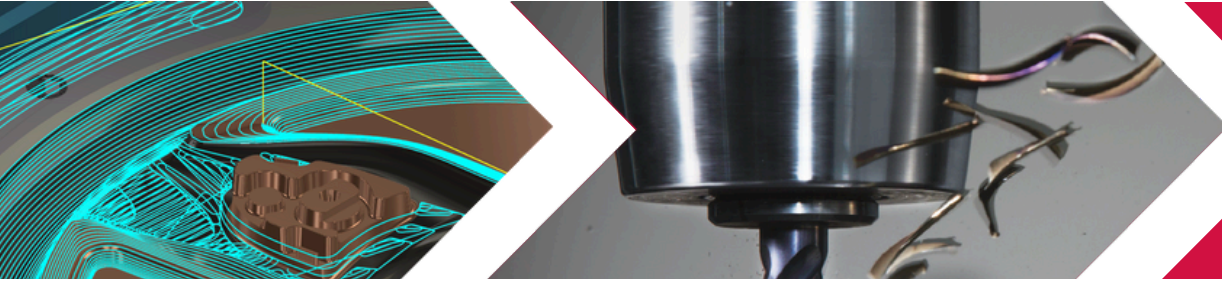
Automate your complex programs for highpowered, multitasking machining centers. Program it right the first time, every time.

WIRE



Mastercam Wire delivers powerful, comprehensive wirepaths in a streamlined, easy-to-use interface.





Mastercam®

Powered by **SMARTTECH**
CNC Machinery & Tooling System



MILL



LATHE



MILL-TURN



WIREIN



ROUTER



HOT-LINE



DESIGN

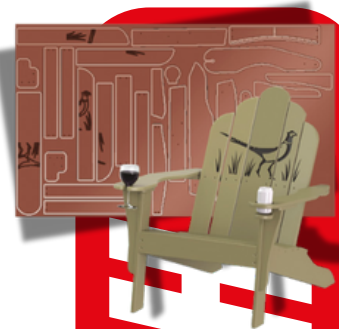


FORMATION

ROUTER



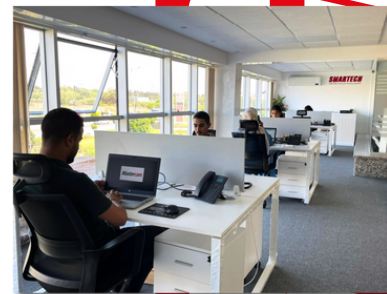
Mastercam Router delivers complex routing functionality from an easy-to-use interface.



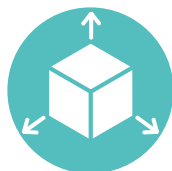
HOT-LINE



Always keep your Mastercam at the latest version and take advantage of our online support service.



DESIGN



Focused CAD means machine-ready parts faster.

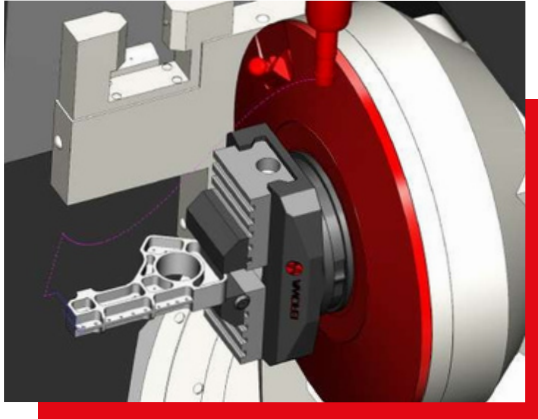


FORMATION

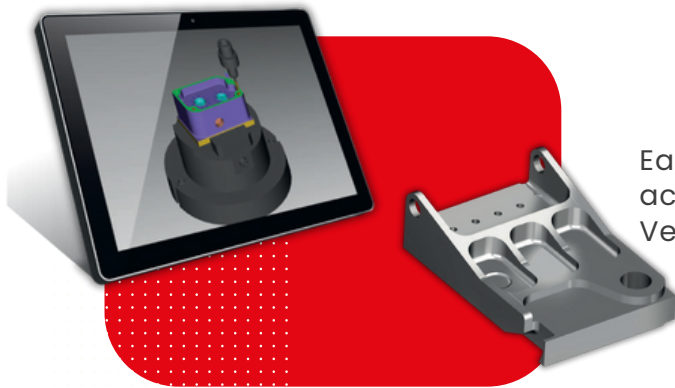


Sustain your technical proficiency through regular training.





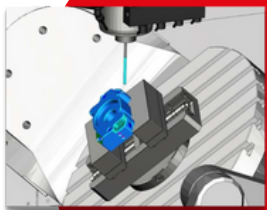
VERICUT CNC simulation software simulates from the actual posted NC program, which catches mistakes you cannot find in CAM simulations. Combined with the most accurate cut stock model in the industry, this enables you to virtually machine parts and identify mistakes and inefficiencies before any actual cutting occurs. You can eliminate errors that could ruin the part, damage the fixture, break the cutting tool, or crash the machine. VERICUT also optimizes NC programs to make them faster and more efficient.



VERICUT VERIFICATION

Easily detect program mistakes and verify part accuracy with the VERICUT base module: Verification.

MULTI-AXIS & AUTO-DIFF[™]

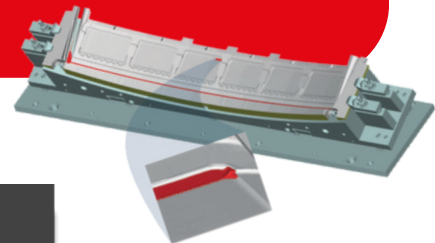


MULTI-AXIS

- Accurately verify & simulate complex machining
- A must if you perform 4 and 5 axis machining!

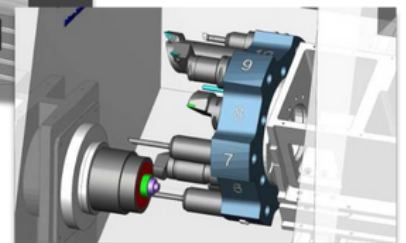
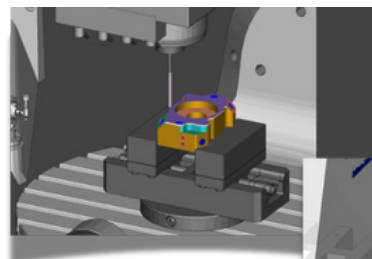
AUTO-DIFF[™]

- Detect gouges & excess material
- Compare cut model to CAD model
- Identify overcuts and undercuts

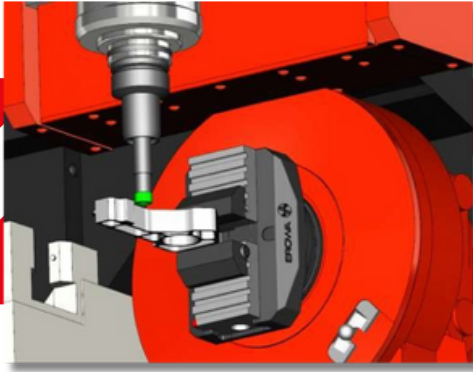


MACHINE SIMULATION

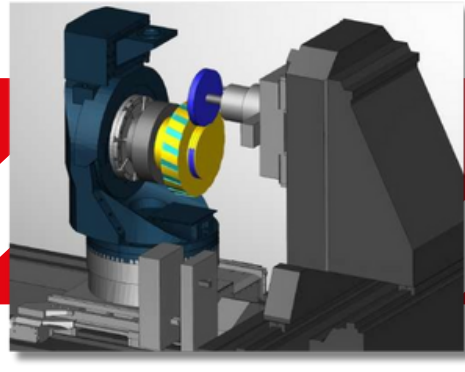
Simulate your CNC machines, exactly as they behave on the shop floor, so you can detect errors and problems.



COLLISION CHECKING & GRINDER-DRESSING



Superior Collision Checking



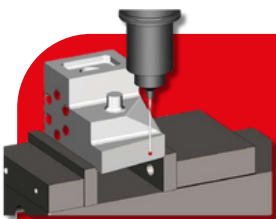
Grinder-Dressing

NC PROGRAM OPTIMIZATION

Force is a physics-based module that analyzes and optimizes cutting conditions throughout program operations.



PROBING & MODEL EXPORT



Probing

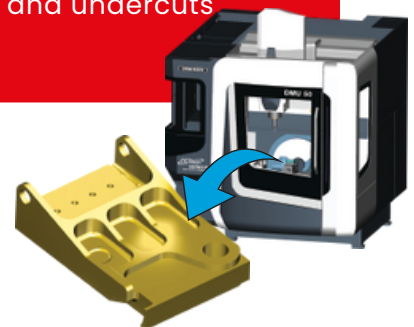
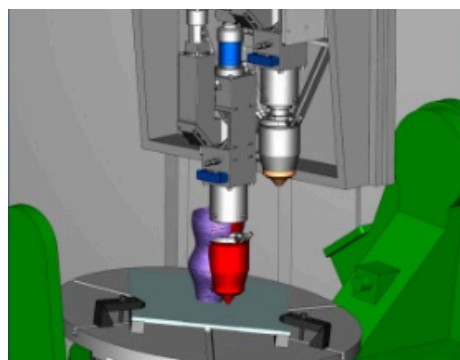
- Avoid probe collisions
- Simulate probing cycles
- Validate CNC probing processes

Model Export

- Detect gouges & excess material
- Compare cut model to CAD model
- Identify overcuts and undercuts

ADDITIVE MANUFACTURING

VERICUT's Additive module simulates additive and traditional machining capabilities of new hybrid CNC machines.



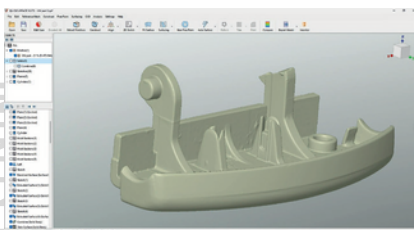
The bridge between 3D scanning and Manufacturing!



Our philosophy behind QUICKSURFACE is to provide the most cost-effective, time saving and highly useable solution for CAD creation from 3D scan data.

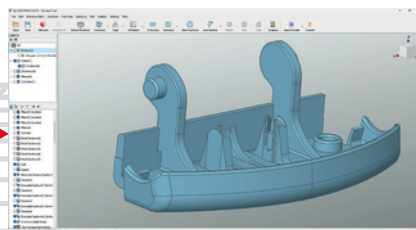
How it works

Start with a mesh



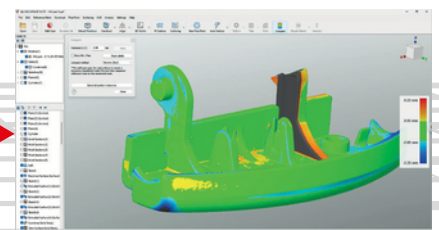
Import STL, OBJ or PTX Align mesh in space if needed

Convert to CAD



Reconstruct a fully parametric CAD model or complex free form shape

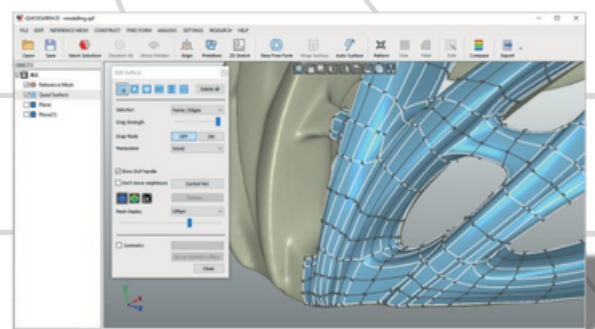
Export & use it



Export in IGES / STEP format or Transfer full parametric features

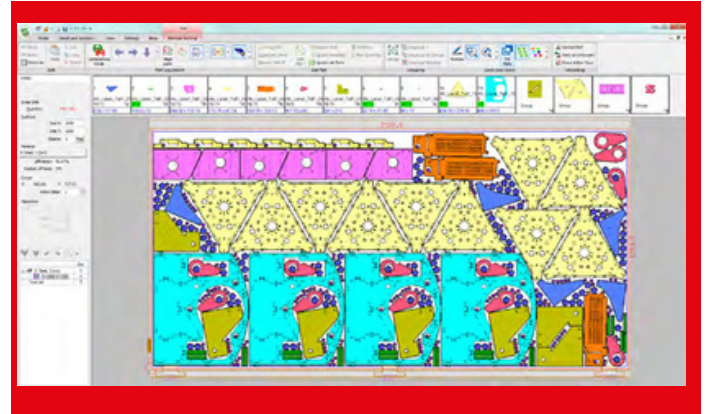
Why do you need QUICKSURFACE ?

- Edit and repair CAD data for broken tools and molds
- Use existing assets to reverse engineer new parts
- Transform physical parts into CAD for new designs
- Create new parts to fit with existing parts
- Export remodelled data for 3D printing
- Speed up your time for manufacturing
- Prepare models for manufacturing
- Simplify models for simulation
- Increase design capabilities
- Design bespoke products
- Reduce costs for design
- Packaging Design



Metalix software manages the complete production cycle:

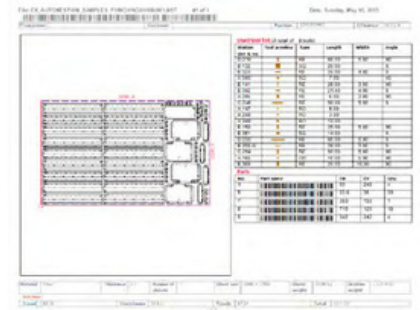
- Import of all standard graphic design formats in 2D and 3D
- Use of a diverse range of machining technology for thin sheet metal parts
- NC generation for almost all machines on the market



Interface CAO 3D

With the CAD Links module, transfer parts from other 3D CAD programs to cncKad in one click.

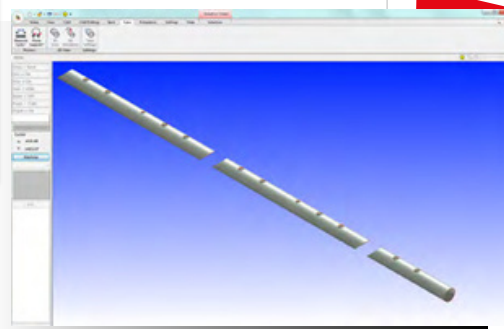
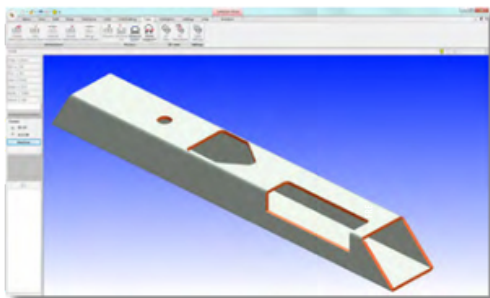
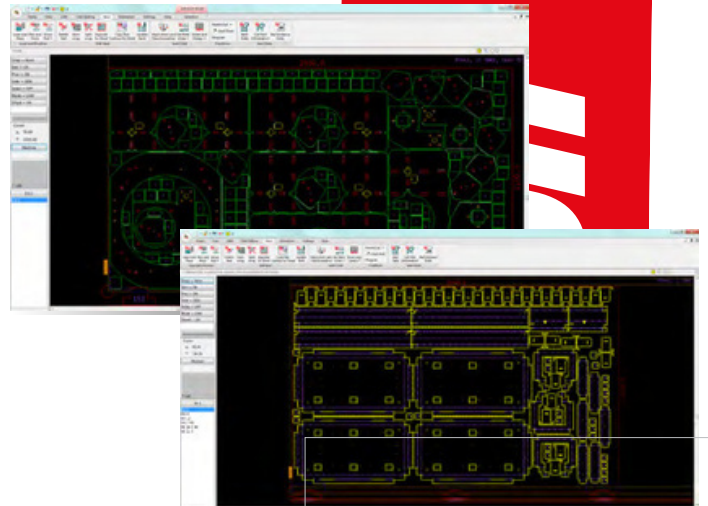
You transfer parts from SolidWorks®, Solid Edge®, Autodesk® Inventor®, Pro/ENGINEER® and Vertex® G4, through an online associative link, avoiding the use of intermediate files like DXF.



ADVANCED CNC CUTTING TECHNOLOGIES

Kad manages the full use of your machine's functions:

- Automatic cutting with special corner treatment
- Avoidance of stops during rapid toolpath
- Toolpath optimization with automatic entry point
- Cutting tables according to material
- Spray options and marking before cutting
- Cutting in chain and bridge cutting
- Cutting and engraving TrueType format fonts
- Common line cutting
- Slice hole cutting
- Cutting direction (clockwise/counterclockwise)
- Cut with head in low position



THAIS

Compny Profile

short view



SMART TECH INDUSTRY is a leading provider specializing in industrial solutions, offering a wide range of cutting-edge offerings in machine tools, metal processing, sheet metal fabrication, CAD/CAM software, and other advanced industrial equipment.

Our mission is to deliver high-quality turnkey technological solutions, with a focus on precise process selection, technological innovation, equipment reliability, and top-notch pre- and post-sales customer service.



 www.smart-indus.ma

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SMARTTECH
CNC Machinery & Tooling System



SMARTTECH INDUSTRY

Explore our showroom to discover our latest innovations and cutting-edge metal transformation technologies at SMART TECH INDUSTRY. Designed to offer an immersive experience, our showroom allows you to witness our advanced machines in action and engage in insightful discussions with our team of experts. Pay us a visit and immerse yourself in the world of Smart Tech Industry, where quality solutions and technological excellence converge to meet your industrial needs.

