



Icam Post V27

CONFIDENCE WITHOUT COMPROMISE

 Vericut

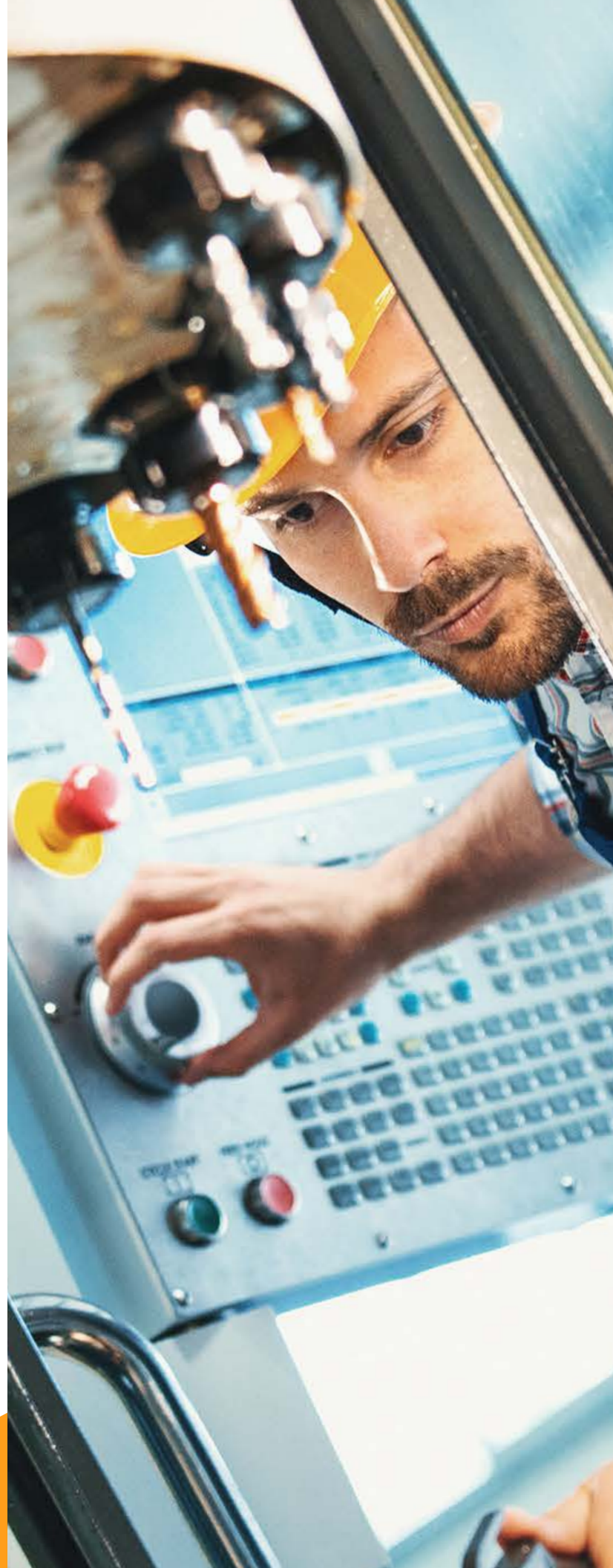
vericut.com/en-gb

Smarter Tools.

Faster Workflows.

Greater Confidence.

Vericut Icam Post V27 introduces AI-powered assistance, streamlined debugging, enhanced validation tools, and workflow improvements designed to help post developers work more efficiently while ensuring accurate NC output.



Develop Faster.

Validate Smarter.

The V27 release focuses on improving the everyday experience of developing, testing, and maintaining post-processors.

Rather than adding complexity, V27 removes friction across the workflow—from finding information and debugging macros to validating NC output and navigating large programs. New AI-powered assistance, improved testing capabilities, and a modernised interface help teams work faster while maintaining confidence in every change they make.



Work Smarter with AI-Powered Assistance

Developing and maintaining post-processors often requires navigating extensive documentation and macro language references. V27 introduces the Vericut Icam Post AI Assistant, providing immediate access to trusted product knowledge directly inside QUEST and GENER.

Every response is based on official Vericut Icam Post documentation, helping users find accurate information faster while reducing the risk of misinformation.

- Get answers without leaving your workflow
- Instant macro syntax assistance
- Grounded in official Icam-Post documentation
- Ask questions naturally and conversationally
- Always up to date



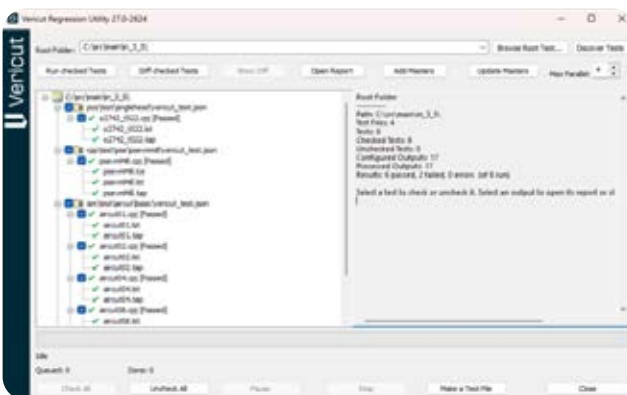
EXPERT KNOWLEDGE.
INSTANTLY ACCESSIBLE.

KNOW WHAT CHANGED.
TRUST WHAT DIDN'T.

Validate Changes with Confidence

Every change to a post-processor introduces risk. V27 helps eliminate uncertainty with a new Regression Testing Utility that makes it easy to verify NC output before deploying updates.

- Compare NC output before and after changes
- Ignore non-critical formatting differences
- Identify machine-impacting changes quickly
- Validate upgrades before implementation
- Securely test within your own environment

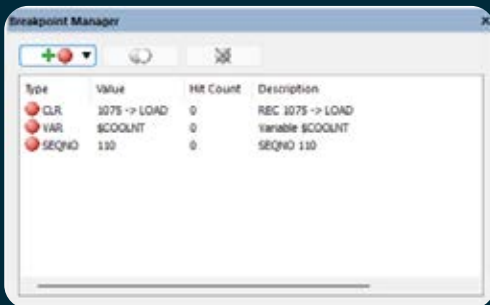


Whether upgrading software, modifying post-processors, or receiving updated CAM output, teams can verify results with confidence before production is affected.

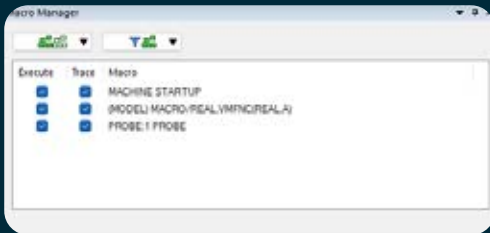
Debug Faster and Stay Focused



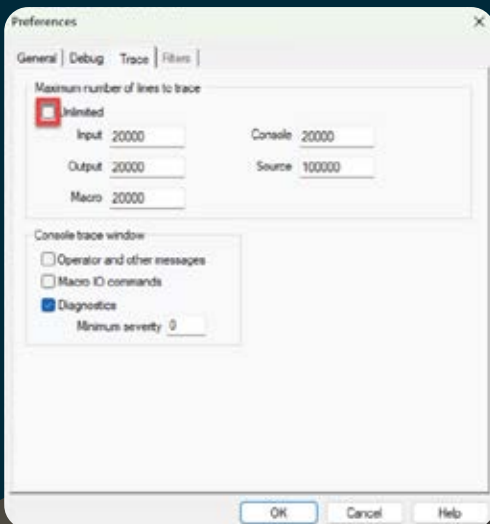
V27 delivers significant usability improvements designed to help users identify issues more quickly and reduce time spent navigating tools.



Breakpoint Management



Macro Manager



Runtime Visibility

Together, these enhancements simplify debugging workflows and keep critical information within easy reach.

Breakpoint Manager

- Expanded debugging for dedicated post users
- Integrated debugging workflows
- Faster issue isolation and analysis

Macro Manager

- Docked interface for easier access
- Selectively disable macros and tracing
- Jump directly to source code

Runtime Visibility

- Handle programs of any size
- Eliminate runtime viewing limits

THE TOOLS YOU NEED.
RIGHT WHERE YOU NEED THEM.

A More Intuitive User Experience

V27 continues to modernise the Vericut Icam Post experience with improvements that make commonly used tools easier to access and workflows easier to navigate.

The result is a more intuitive environment that keeps users focused on their work instead of searching for functionality.

Improvements Include

- Enhanced documentation and search
- Per-view Virtual Machine controls
- Simplified display management
- Streamlined simulation and debugging

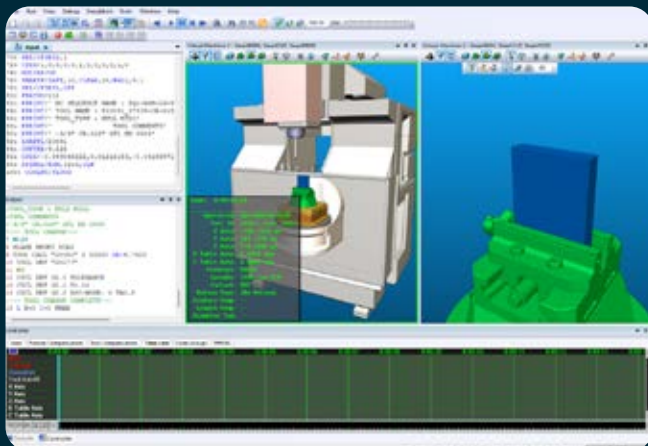


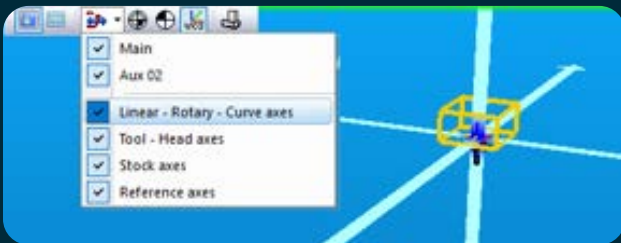
TABLE OF CONTENTS		Function Summary	
Copyright		Mathematical Functions	
Using this manual		SFACOS Arc cosine (degrees) SFASIN Arc sine (degrees) SFATAN Arc tangent (degrees) SFATAN2 Arc tangent (degrees) given 2 arguments SFCCOS Cosine (degrees) SFEXP Exponential SFLN Natural logarithm SFLOG Common logarithm SFASN Arc sine (degrees) SFSQRT Square root SFTAN Tangent (degrees)	
Icam Post: Getting Started		Numeric Functions	
QUEST: Post-Processor Development QUEST Post-Processor Macros Macro System Variables Macro Functions Function Summary Mathematical Functions Numeric Functions Geometric Functions Vector Functions Matrix Functions Conditional Functions Conversion Functions Character and Sequence Functions Common User Functions File and Directory Functions C: Data Parsing Functions Other Functions		SFABS Absolute value SFCEIL Round up to whole number SFFLOOR Round down to whole number SFFRAC Fractional portion SFINT Truncation to whole number SFMAX Largest value	
GENER: The Post-Processor Glossary Appendix Index			



PERFORMANCE WHERE
IT MATTERS MOST

Improved Performance and Control

Performance enhancements throughout V27 help users analyse results more efficiently and interact with increasingly complex manufacturing environments.



These improvements provide greater control over machine simulation while helping users evaluate results more efficiently.

Enhancements

- Faster colourised stock difference calculations
- Cleaner stock comparison results
- Greater kinematics visibility controls
- Enhanced camera navigation
- Advanced SmartPATH motion control

Built for the Realities of Post Development

Vericut Icam Post V27 helps teams spend less time searching, debugging, and validating—and more time delivering reliable NC programs

Through AI-powered assistance, enhanced validation tools, streamlined debugging workflows, and a more intuitive user experience, V27 enables organisations to improve efficiency while maintaining confidence in every post-processing change.



Ready to unlock your machining potential?

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



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