



Makino Selects ICAM as its Preferred Post-Processor Supplier

ICAM Technologies Corporation is proud to be the preferred supplier of custom NC post-processors for Makino CNC machines. This acknowledgement strengthens the relationship between two of the world's leading companies in the NC manufacturing industry.

Makino and ICAM have also agreed to share respective product information and corporate and technical resources to ensure continuous compatibility and evolution of each company's technologies. ICAM / Makino customers will benefit from increased support for Makino advanced controls and kinematics and ICAM's leading edge multi-axis machining applications.

ICAM's NC post-processing product allows customers who use CAM systems to exploit the most advanced Makino machine tool technologies. With the collaborative initiatives of ICAM and Makino, customers can rest assured that they will have access to Makino state-of-the-art machining functionalities via their CAD / CAM / PLM system and ICAM's advanced NC post-processing products.

Moreover, ICAM offers an advanced custom post-processing development solution geared to deliver optimized results for Makino machines. ICAM's custom NC post-processors are created using advanced kinematics models and offer support for complex multi-axis machines.

ICAM Product Feature Highlights for Makino Machines

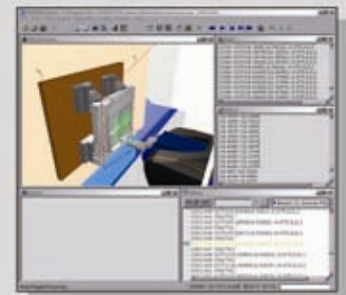
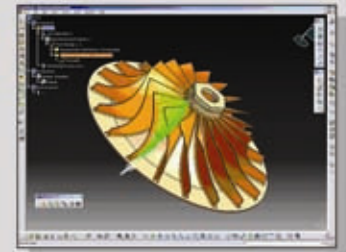
- ICAM custom post-processors support multi-axis high-speed Makino factory provided machine tool functions in combination with all supported “off-line” CAD / CAM / PLM programming systems
- ICAM specializes in fully functional cost-effective NC post-processors to support Tool Tip Programming, RTCP, Coordinate Frame Transformation, 5-Axis Contouring, ARC fitting, NURBS, Lintol Rotary Turn Around, Advanced CL Look Ahead Features and Full Support for Tool Life Functions
- The Virtual Machine® option integrates graphical machine tool simulation for collision, over-travel detection and avoidance and gouging verification during post-processing

- ICAM / MAKINO NC post-processor solutions include one full year of go-forward software maintenance and technical support services with the option for implementation and training services for rapid production start-up

Makino MAG3®



MAG3 Machine Tool Simulation



Virtual Machine®



About ICAM Technologies Corporation

ICAM Technologies Corporation is an international company specializing in the development and implementation of advanced NC post-processing and machine tool simulation solutions for manufacturers in every major industry around the world. For over 35 years, ICAM has been providing aerospace, automotive, medical, heavy equipment and electronic organizations with advanced NC post-processing solutions that have enabled them to increase productivity and achieve greater manufacturing performance and precision.

ICAM's product line includes: **CAM-POST®** - a permanent NC post-processing software solution compatible with all major CAD / CAM / PLM Systems. **Virtual Machine®** - a graphical machine tool simulator depicting the operation and motions of CNC machines during post-processing. Custom NC Post-Processors and advanced machining productivity tools including: **High Speed Machining**, **NURBS** and **Arc Fitting**.

ICAM also offers a complete range of consulting and training services designed to accelerate implementation and promote proven best practices to help customers achieve their specific manufacturing objectives.

For more information call **1-800-827-ICAM** or visit **www.ICAM.com**

About MAKINO

Makino is a global provider of advanced machining technology and application support for the metal cutting and die/mold industries, dedicated to driving out more costs from manufacturing operations than any other competitive machine tool manufacturer. Makino manufacturing and service centers are located in Germany, United States, Japan, Singapore, Italy, France, Korea, Taiwan, Turkey, China, Mexico, Brazil and India, and are supported by a worldwide distributor network.

Makino Germany call **+49.40.298090** or visit **www.MAKINO.de**

Makino North America call **1-800-552-3288** or visit **www.MAKINO.com**

Supported Machines

HMC-4X

HMC-5X

Graphite

VMC

VMC-5X

Wire EDM

MAG Series

Special MAKINO Options

**High-Speed Machining
Support Emulation**

**Tangential ARC and
NURBS Fitting**

Probing Cycles

Special Cycles

Sub Programs

**Special NC Machine
Kinematics**



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