

# Mastercam®

## Family of Products

### SHAPING THE FUTURE OF MANUFACTURING

#### MILLING

##### Mastercam Mill

Fully associative CAD/CAM for 2½- 5-axis machining. Delivers streamlined mill programming and toolpaths powered by our exclusive Dynamic Motion technology.



#### TURNING

##### Mastercam Lathe

Fast, easy CAD/CAM system for turning. Provides fully associative toolpaths, solids-based toolpath verification, and Dynamic Motion strategies.



#### MULTI-TASKING

##### Mastercam Mill-Turn

Powerful solution that combines with Mastercam Mill and Mastercam Lathe for efficient multi-tasking machining.



#### WIRE EDM

##### Mastercam Wire

Streamlined CAD/CAM for wire EDM programming. Fully associative wirepaths for basic to advanced 2- and 4-axis work.



#### ROUTER

##### Mastercam Router

Fully associative CAD/CAM software designed for routers. Complete 2- to 5-axis programming, block drilling, aggregate head support, and more.



#### INTEGRATED SOLUTIONS

##### Mastercam® for SOLIDWORKS®

Fully integrated Gold Partner software that runs directly within SOLIDWORKS. Available for milling, turning, or both combined.



#### MODELING

##### Mastercam Design

Powerful 3D solids and surface modeling CAD software designed for CAM programmers. Included in Mastercam Mill, Lathe, Router, and Wire. Also available separately.



+ Additional Apps Available. See back for more info.

# SPECIALIZED APPS



## Mastercam Port Expert

Creates precision engine cylinder head porting toolpaths on surface or solid data, while minimizing unnecessary motion.



## Mastercam Blade Expert

Highly-efficient toolpaths for multi-bladed parts, delivering superior blades, splitters, floors, and fillets.



## Mastercam ProDrill

Automatically detect, group, and apply drill strategies to large amounts of holes, and even automatically create tool definitions from existing geometry.



## 5-axis Drilling and 5-axis Swarf Milling

Two targeted, powerful multi-axis techniques that add extra flexibility to your milling and can be easily upgraded to the full Multi-axis product.



## Mastercam Productivity+™

Brings Renishaw in-process probing and inspection to your Mastercam programs. Easily set up, validate, and even make in-process adjustments where appropriate.



## File Translators

Specialty data translators for UG/NX, Pro/E, and CATIA ensure you can read and use the files you need.



## Mastercam Art

Quickly bring your 2D sketches, clip art, photos, and CAD files to life by crafting them on-screen and cutting them with easy, specialized toolpaths.

## Mastercam University

Online, video-based training that is developed exclusively by CNC Software, Inc. Sharpen your skills on your own schedule, use it to bolster your resume, and get started on the path to Mastercam Certification with the same training used by corporate staffers and Resellers. Mastercam U is easy to use, gives you real-world training applications, and covers all levels of Mastercam skills from basic to advanced.

[www.mastercamu.com](http://www.mastercamu.com)

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[www.mastercam.com](http://www.mastercam.com)

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## A WORLD OF VERTICAL MARKET SOLUTIONS FOR MASTERCAM USERS

Mastercam's open approach means you have access to the best specialized solutions that run with our products.

### Some of the most popular Add-Ons include:

#### • Robotics

Expands your shop floor automation with programming, simulation, and validation of robots for machining, welding, grinding, composites machining, part handling, and other tasks.

#### • Design for Manufacturing

Design application solutions that simplify core/cavity mold work, and creation of EDM electrodes.

#### • Metrology

Integrated solutions for reverse engineering, in-process inspection, and quality control.

#### • Tool Management and Presetting

Tool library and crib management systems that control and track inventory, along with presetting applications that streamline tool setup.

#### • DNC and Shop Management Programs

Complete wireless and hard-wire DNC management systems, plus shop management systems that monitor and report on your complete production process.

#### • Specialized Posts and Toolpath Verification

Provides industry-proven G-code simulation and verification and access to specialized post processor solutions.

**Many more Add-Ons are available. Ask your local Reseller to help you find the precise solution for your specific need.**

## Mastercam Certification

If you're looking to set yourself apart as a skilled Mastercam programmer in the increasingly competitive job market, Mastercam Certification is the answer. Our Mastercam Associate Level Certification is acquired by achieving scores of 80% or above in select Mastercam U courses, and our Mastercam Professional Level Certification is a proctored test administered by a Certified Mastercam Instructor. Both will give you the competitive advantage you're looking for.

**Mastercam**  
Be Dynamic.™