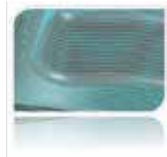


Mastercam X⁵

For Education



World Class Software & Learning Tools

Mastercam Educational Suite

The Mastercam Educational Suite delivers the full power of the world's #1 CAM system in one package. This comprehensive suite contains everything your students need to learn many machining methods from a single, easy-to-use program.

- Design:** Model in wireframe, surfaces, and solids. CAD files from any of today's leading packages such as AutoCAD®, Autodesk Inventor®, and SolidWorks® can be opened in Mastercam, ready for programming.
- Solids:** Fully integrated Parasolid®-based solid modeler for easy, yet powerful construction and solids import/export.
- Mill:** Machine everything from basic pockets and contours to complex 3D models and 4-axis control.
- Lathe:** 2-axis and Mill/Turn applications.
- Router:** Program with functions specific to woodworking applications.
- Wire EDM:** Tools designed for easy programming of 2- and 4-axis parts.



Mastercam Art (add-on)

Add artistic flair to conventional CAD/CAM in a simple, fast process with Mastercam Art. Your students can quickly bring their 2D sketches, clip art, photos, and CAD files to life by crafting them on screen and cutting them with easy, specialized toolpaths. Students can visually adjust their model, delivering the exact 3D look they imagined.



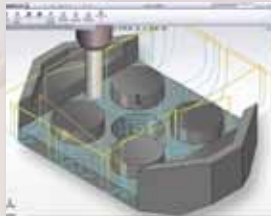
Mastercam Multiaxis (add-on)

For schools that go above and beyond 3-axis machining, there is Mastercam Multiaxis. Program your 5-axis CNC machine using one of the many multiaxis toolpaths found in Multiaxis. There's simply no better way to program your 5-axis machine. Whether it's a table-table trunion, tilt head, or a combination of both, Mastercam is the right choice.



Mastercam for SolidWorks® (standalone)

Your students can use the toolpaths and machining strategies preferred by machine around the world, directly inside SolidWorks. Mastercam for SolidWorks combines the best of both worlds, delivering a powerful set of automated toolpaths that get parts off the machine more easily, with little or no handwork.



Mastercam QuickPart® (standalone)

CAD/CAM can be challenging to learn, and even more challenging to teach. Mastercam QuickPart gives students a fast, easy way to design and cut parts, while learning the principles of CAD/CAM, and have fun doing it. Mastercam QuickPart is easy to use, and provides a path for instant success.

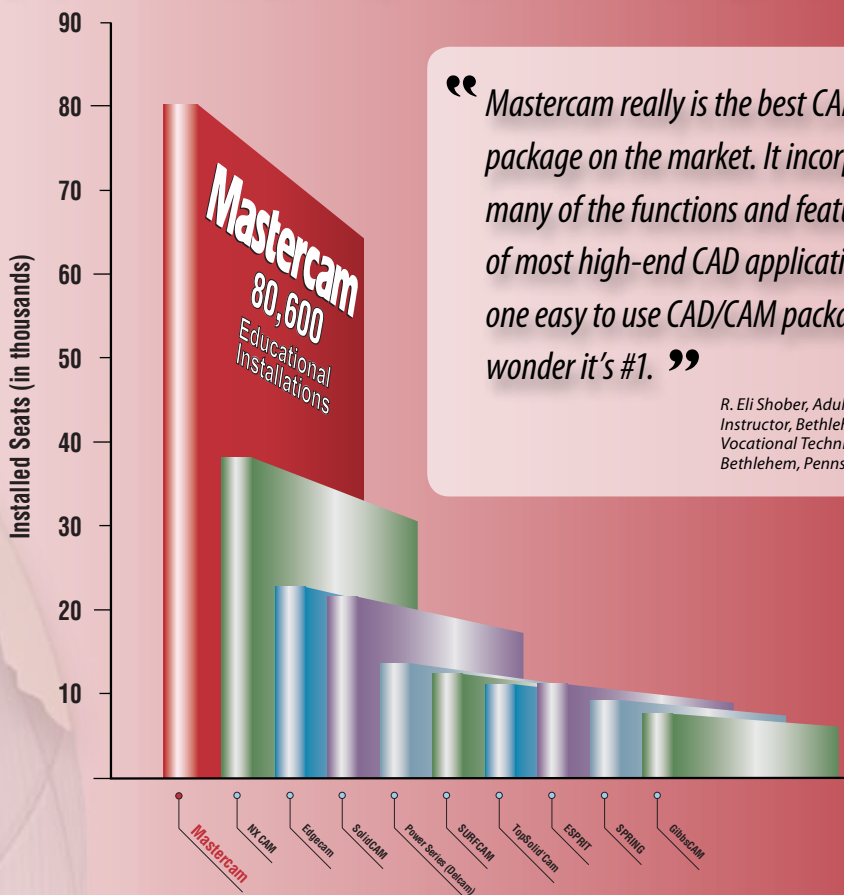


Mastercam Demo/Home Learning Edition (standalone)

Mastercam Demo/HLE provides students with many powerful Mastercam features. It allows them to practice what they are learning in the classroom at home, on their own time. Students can save their files and continue their work at school.

Mastercam is the #1 Choice of Educators

According to independent research company Cimdata, Inc., Mastercam is and has been the most widely-used CAM software in the world in both industry and education for over a decade. Mastercam is easy to teach and use, offers exceptional customer support, and will give your students a competitive edge in the job market. It's everything your students need.



“Mastercam really is the best CAM package on the market. It incorporates many of the functions and features of most high-end CAD applications in one easy to use CAD/CAM package. No wonder it's #1.”

R. Eli Shober, Adult Education Instructor, Bethlehem Area Vocational Technical School Bethlehem, Pennsylvania

Easy to Teach and Learn

Mastercam's emphasis on ease of use gives your students an intuitive machining tool that will allow them to easily program basic parts. As their skill increases, students can unleash Mastercam's full power as they create increasingly complex parts.

Because of Mastercam's popularity, curriculum already exists for nearly every level of instruction. There is no need for you to spend precious time creating materials from scratch.

Support

Mastercam's dedicated educational team understands the unique needs of educational customers and strives to help your program succeed. Together with our network of experienced and dedicated educational Resellers, we are able to provide you with the support you deserve. We even provide free technical support through the Mastercam Educational Division.

Mastercam Teachers & Students Website

The Teachers & Students area of the Mastercam website features the latest information on Mastercam educational products, curricula, competitions, training, and product downloads. You can also find more detailed information about the Mastercam Educational Suite.

www.mastercamedu.com

Educational Programs Give You an Extra Edge

Curriculum

An extensive amount of curriculum is available for Mastercam. From online to in-print, beginning to advanced, project-specific to function-specific to certification preparation, it is likely that you'll find the curriculum you need. Find the right curriculum for your classroom.

www.mastercam.com/curricula

Mastercam University™

Mastercam University is designed to ensure that students are ready to meet today's challenges by delivering solid, easy-to-use online training that covers everything from the basics to the latest advancements. Mastercam U helps build and maintain a sharp skill set on a schedule that gives students training in real world applications. www.mastercamU.com

Certification

For students, attaining Mastercam Certification gives them an edge in the job market, opening countless doors. Instructor Certification is the first step towards offering certification courses and building a stronger tie to the local business community.

www.mastercam.com/support/certification

Instructor Training

We host instructor-specific training, with classes that cater to the educator, working through student-driven parts and the problems often seen in CAM classrooms.

www.mastercam.com/stt

Mastercam Wildest Parts Competition

Mastercam Wildest Parts Competition challenges students to design and make something wild. Our challenge is for students to break the mold, think outside the box, and cut outside the lines with the chance to win some amazing prizes. www.mastercam.com/wildestparts

Mastercam Innovator of the Future Competition

Mastercam IOF provides students a real-life manufacturing challenge from a world-renowned company, such as Gravedigger, OCC, Stewart-Haas Racing, and Gibson Guitars. The assigned parts are usually fairly complex and require students to move outside their comfort zones, while giving them a chance to win scholarship money, meet with the celebrity judge, and tour an amazing, real-world shop. www.mastercam.com/IOF

National Competitions

In addition to official Mastercam sponsored competitions, our educational division is deeply involved in local and national competitions where many schools compete (and often win) using Mastercam. Participation in these competitions engages students and gets them excited about their projects and their futures in CAD/CAM.

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