



TECHNOLOGY CENTER TRAINING AND SUPPORT



TECHNOLOGY CENTER

Emuge's Technology Center is a research and development facility for North American manufacturers, designed to be a resource for applying cutting tool application strategies.

Equipped with the latest generation of 3-Axis and 5-Axis CNC Vertical Machining Centers, precision measuring devices, tool monitoring and skilled machinists, the Technology Center specializes in taking actual end user applications and developing milling, drilling and threading machining strategies to optimize tool performance and reduce cycle times. The Technology Center was conceived as a resource which allows manufacturers to test new machining concepts and tools without tying up their valuable machines and manufacturing hours. Emuge tooling engineers work directly with the manufacturer to replicate actual machining processes and develop new tooling and application parameters with complete documentation.

Located in Central Massachusetts, the Emuge Technology Center serves customers from across the US and Canada.

Upon request, local Emuge field service technicians will evaluate a customer's actual machining process and then arrange for support from the Technology Center depending on the needs of the customer.



Having the ability to test new machining strategies without tying up valuable machinery is the main function of the Test Cuts Program.

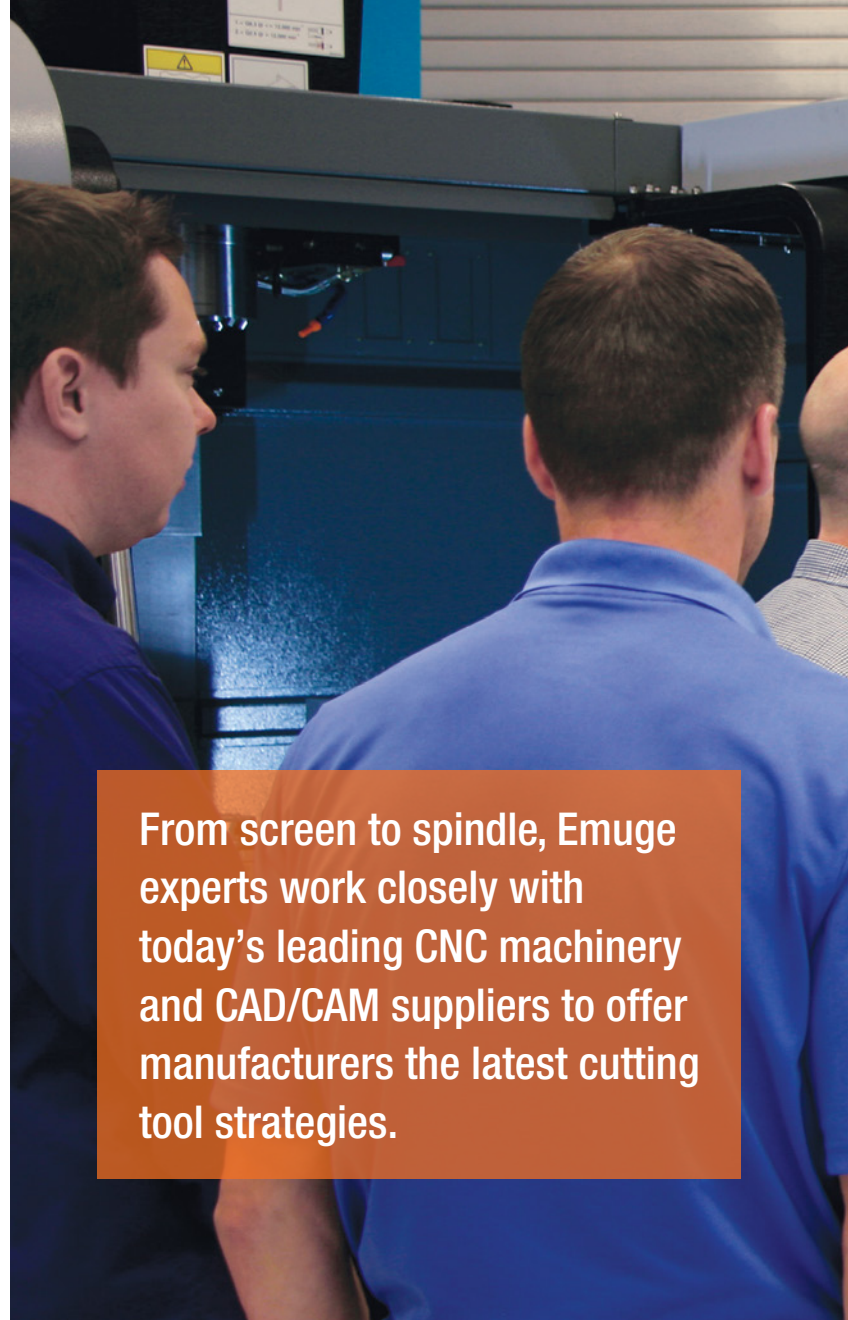
Test Cuts Program

The Process

- Customers provide Emuge with sample piece parts and drawings that are then evaluated by trained Emuge tooling engineers.
- Tool process and application improvements are recommended and submitted to the customer.
- Once approved, a series of test cuts are performed and documented.
- Once an optimum solution is identified and approved, Emuge develops the solution.

The Outcome

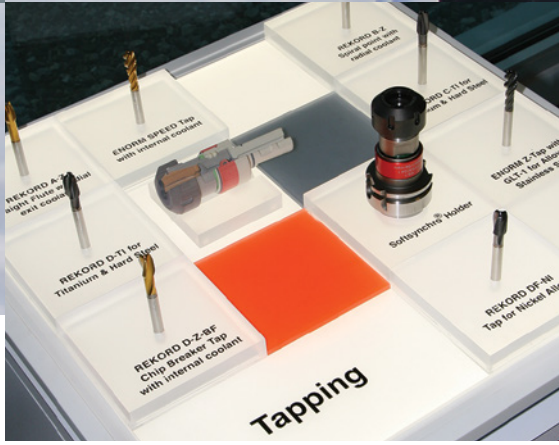
- Full documentation of the operating parameters and CNC machining programs.
- Tool type recommendations for milling, drilling and threading.
- Full documentation of results.
- Video documentation of tooling solutions.
- Emuge field engineers will then work with the manufacturer to implement the solutions when requested.



From screen to spindle, Emuge experts work closely with today's leading CNC machinery and CAD/CAM suppliers to offer manufacturers the latest cutting tool strategies.

CNC Programming Assistance

On-staff Emuge CNC programmers develop machining cycles in conjunction with the most popular CAD/CAM providers such as Mastercam, Open Mind and others. Manufacturers from a broad range of industries look to Emuge CNC programming assistance to enable cost-effective and efficient manufacturing solutions. Not just from a CAM programming perspective, but also incorporating tool designs that allow for optimum performance.



Emuge provides customers with programming assistance along with programming simulations when required. We can also provide actual test cut and video documentation in many instances. Services include:

- 3-Axis and 5-Axis Programming Assistance.
- A wide range of CAM tools for solving complex machining issues.
- Recommend efficient toolpaths that reduce cycle times.
- Streamlined multi-axis milling, threading and drilling.
- Thread milling sub-routines and optimization.
- Expansive cost savings library.





Training

Emuge provides customers and distributors a selection of training and development classes. The Technology Center has an interactive classroom supported by CNC machining equipment for seminars and hands-on, real-time training. Training classes and seminars are offered throughout the year on various machining topics or they can be tailored to meet the needs of individual companies.

Sessions are available on request by visiting emuge.com or contacting your local Emuge field sales representative.



Both tool manufacturing and reconditioning is now available at the West Boylston, MA facility.



Emuge Corp. newly expanded facility.

EMUGE Corp.
1800 Century Drive, West Boylston, MA 01583
800-323-3013 • www.emuge.com

Emuge Corp. Expansion

Emuge U.S. expansion also includes more tool manufacturing and reconditioning space, and the addition of a new PVD coating center. The expanded facility doubles the size of the Emuge Corp. facility to over 50,000 sq. ft.