



MACHINING

The shortage of skilled workers in manufacturing and industry demands education programs that can deliver the knowledge and training necessary to educate a qualified workforce. Intelitek's career and technology training programs focus on the critical technical and soft skills needed to help students integrate into the modern workforce.

Intelitek Machining Training Programs are blended learning solutions that combine industrial-grade hardware with engaging e-learning content to prepare students for rewarding careers in industry. Students acquire the knowledge and practical skills to understand, operate, program and manage CNC Machines for rapid prototyping and production in industrial environments.

As Industry 4.0 transforms the industrial world, Intelitek is delivering advanced curriculum and hands-on lab programs that enable students to integrate into the most advanced companies.

CNC MILLING	CTC 5
CNC TURNING	CTC 5
CAD/CAM DESIGN	CTC 6
CNC ROUTING	CTC 7
MACHINING SOFTWARE PACKAGES	CTC 8
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Intelitek Pedagogic Values

The delivery of skills training is a challenge that technical schools carry – educators need to skill sets industry will require while guiding students in the soft skills they need to succeed in today’s increasingly technology-dependent and fast-moving world.

How do you train a workforce for jobs that do not exist yet? By teaching skills, not tasks, that will transfer from one industry to another, and by teaching in ways that are as flexible as tomorrow’s workforce is expected to be.

The CNC Machining Training teaches specialized skills required for metal cutting, machining, and for roles that manufacture prototypes or production components.

Intelitek provides superior blended learning solutions that educate students to solve problems, embrace change and develop collaborative working environments.

Intelitek’s unique hands-on approach using state-of-the-art industrial-grade equipment to deliver skills-driven programs that combine projects, challenges, and creative thinking enables programs to turn out technicians and not workers. Graduates of these programs develop the core knowledge and soft skills to succeed in industry and deliver value to employers.

Complete Training Packages

Intelitek content employs authentic activities and scenarios, providing an immersive instructional experience that engages students and enhances the learning experience.

- Training packages include curriculum, operating software, CAD/CAM software, real-time simulation, manuals, teacher guides, professional development training, education optimized machines that have a full range of tooling and machining accessories, and more.
- The curriculum incorporates multiple instructional strategies by immersing students in exciting scenarios and features in-depth coverage of the manufacturing process from design to production.
- Projects simulate the entire production/change order process used in manufacturing environments, providing an authentic learning experience.
- By working with the same process found in manufacturing environments, students learn leadership, communication, teamwork, and global thinking.
- Students learn creative problem-solving skills and discover how manufacturing careers enable them to change the world around them.



Equipment Optimized for Education

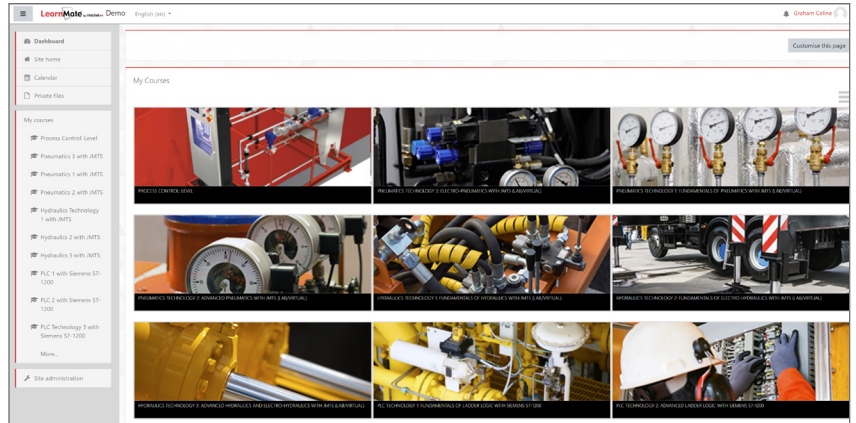
From simple engraving to rapid prototyping to production machining, Intelitek offers a range of benchtop and standalone turning, milling, and routing solutions for advanced manufacturing training. Our interactive skills-based curriculum and superior classroom equipment are the gold standard in schools, universities, and training facilities worldwide, used by leading organizations like SkillsUSA and Project Lead the Way.

Our CNC and routing machines fit comfortably into any classroom and require no assembly, arriving at your facility ready to run. All our machines are specially-designed for student use with safety features for beginners.

Just like in larger industrial machines, the Intelitek machines use EIA, ISO, and FANUC-compatible G&M code programs to cut parts in various materials.

E-Learning Content

Intelitek milling, turning, routing and CAD/CAM courses are deployed through LearnMate®, Intelitek's learning management system (LMS). LearnMate, provides an easy-to implement and easy-to-use LMS for education organizations of all types that provides the best technology and capabilities without the burden of IT support and maintenance. LearnMate provides everything needed for the ultimate blended learning experience:



- SCORM-compliant interactive content
- Anytime, anywhere accessibility
- Student and classroom management
- Flexible content options for continuous updates

Intelitek e-learning content combines 40 years of experience developing vocational education programs with advanced interactive simulation and world-class hardware. Lab courses feature interactive online curriculum and robust hardware for the ultimate hybrid learning experience! Curriculum are fully integrated with our lab equipment granting the ability to launch software directly from the content.

Control and Simulation Software for Education

Intelitek programs prepare students with the fundamental capabilities to program and operate machines. Heavy use of live simulation capabilities enhances the user's ability to understand and get virtual experience prior to using programs on real machines and materials.

- **CNCBase** is a tool for learning the fundamentals of CNC machining. This user-friendly control software provides users the ability to write and edit standard G&M code programs and view the simulated machining operation on-screen before cutting. CNCBase includes FANUC Control simulation software, one of the most popular industrial CNC controls.

- **CNCMotion** integrates interactive 3D simulation with CNCBase machine control software for dynamic simulation and graphic tracking of CNC mills and lathes machines.
- **SpectraCAM** Milling and Turning Software and **SpectraCAD** Engraving Software introduce students to the fundamentals of CAD/CAM programs and their use in industry.

CNC Milling

TYPE  

LANGUAGES  

The CNC Milling Technology course introduces students to the fundamentals of CNC (Computer Numerical Control) milling. Students learn the fundamentals of CNC milling by working with the Intelitek BenchMill 6100 or ProMill 8000 to accurately machine a series of complex parts. Students observe and experience CNC's superiority over time-consuming, less accurate, manually controlled machine tools. Activities challenge students to develop and edit programs, and machine assorted parts.

COURSE OUTLINE

- Introduction to CNC
- Safety Fundamentals
- CNC Motion Control Software
- Mounting the Workpiece
- Tooling
- Reference Positions
- Verifying a Program
- Running a Program
- Fundamentals of NC Programming
- Project #1 - Programming the House
- Arc Programming
- Project #2 - Programming the Star
- Project #3 - Programming Your Initials
- Final Project

 Activity 1: Introduction to CNC


Welcome to the CNC Milling Technology course!

CNC Machining is very common in the manufacturing industry, and we hope that this course offers you with an insightful prelude to this important class of technology.

At any time, you can click the [Home button](#) to return to the machine selection page.

→ This activity includes the following topics:

- What is CNC?
- What is a Mill?
- The components of your mill

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CNC Turning

TYPE  

LANGUAGES  

The CNC Turning Technology course introduces students to the fundamentals of CNC (Computer Numerical Control) turning. Students learn all about CNC turning by working with industrial-based equipment to accurately machine a series of complex parts. Students observe and experience CNC's superiority over time-consuming, less accurate, manually controlled machine tools.

Students learn the CNC process through a series of projects. Each project teaches job setup, drawing construction, tool path generation, tool path verification, and NC code generation. Project activities challenge students to develop and edit programs, and machine assorted parts using the BenchTurn 7100 or ProTurn 9000.

 Your Turning Center


In this course, you will learn about CNC lathes through use of a BenchTurn 7x00 Turning Center. While lathe operation may vary from lathe to lathe, the concepts used to operate a CNC lathe are the same for all lathes. Working with the BenchTurn 7x00 (or the simulated equivalent) will provide you with an excellent insight into CNC turning.

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COURSE OUTLINE

- Introduction to CNC
- Safety Fundamentals
- CNCBase Control Software
- Securing the Workpiece
- Tooling
- Reference Positions
- Verifying a Program
- Running a Program
- Fundamentals of NC Programming
- Programming a Taper Machining
- Project #1 - Machining
- Arc Programming
- Project #2 - Programming
- Project #3
- Final Project

CAD - Computer-Aided Design with SpectraCAD Engraver

TYPE  LANGUAGES  

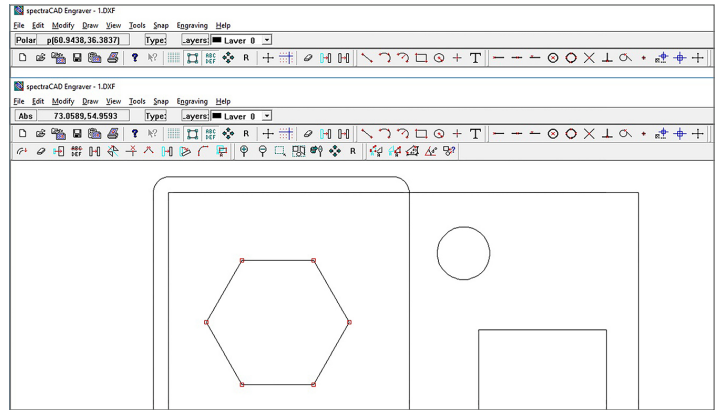
Students are introduced to the basic elements of computer-aided design, such as arcs, lines, rectangles, text, and circles. Students use polar, relative, and absolute coordinates to construct various designs and broaden their learning experience.

Once students have created their CAD drawings, SpectraCAD Engraver's unique engraving feature enables them to easily and quickly generate NC files.

The package includes an engraving tool set and name badge milling stock so that students can produce their NC programs on a CNC milling machine.

COURSE OUTLINE

- Using SpectraCAD
- Managing Files
- Creating the LMC Project
- Drawing the M
- Drawing the C
- Speaker Design Project
- Creating the Speaker Cone
- SpectraCAD Engraver
- Generating an NC File
- NC Files and Coding
- Pocketing
- Pocket Toolpaths and SpectraCAM



CAM - Computer-Aided Manufacturing with SpectraCAM

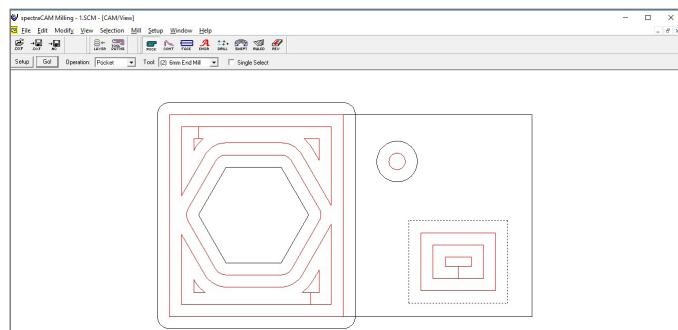
TYPE  LANGUAGES  

Computer-Aided Manufacturing (CAM) introduces students to the fundamentals of CAM programs and their use in industry. Students use the SpectraCAM software, which converts CAD drawings into numerical control (NC) files that can be used to produce parts on a CNC. The SpectraCAM software features an integrated CAD drawing package that allows a seamless and easy working environment and includes a graphic tool path simulation package for immediate part proofing.

MILLING COURSE OUTLINE

CAM Milling activities focus on toolpath generation, contouring, engraving, pocketing, machining operations for ruled and swept surfaces, and code generation.

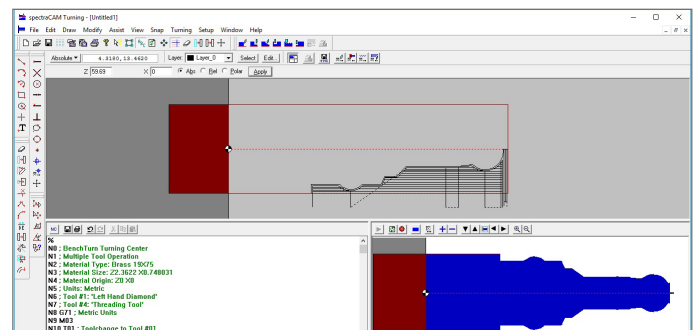
- Using SpectraCAM
- Starting the LMC Project
- Generating Tool Paths
- Contouring and NC File Generation
- Speaker Design Project
- First Pocket Operation
- Second Pocket Operation
- Engraving Text and Generating Code
- Advanced Operations and Advanced Operations Setup
- Ruled Surfaces
- Swept Surfaces
- Final Steps



TURNING COURSE OUTLINE

CAM Turning activities focus on turning-related cutting operations such as roughing, facing, grooving, threading, cut-off procedures and code generation.

- Using SpectraCAM
- Starting a Project
- Creating the CAD Drawing
- Geometry Duplication and Rough Tool Path Generation
- Finish Tool Path and NC File Generation
- Advanced Project Setup
- Creating the Part Drawing
- Final Geometry and Tool Paths
- Tool Paths and NC Code
- Creating the Lighter Geometry
- Final Geometry and Tool Paths
- Final Tool Paths and NC Code

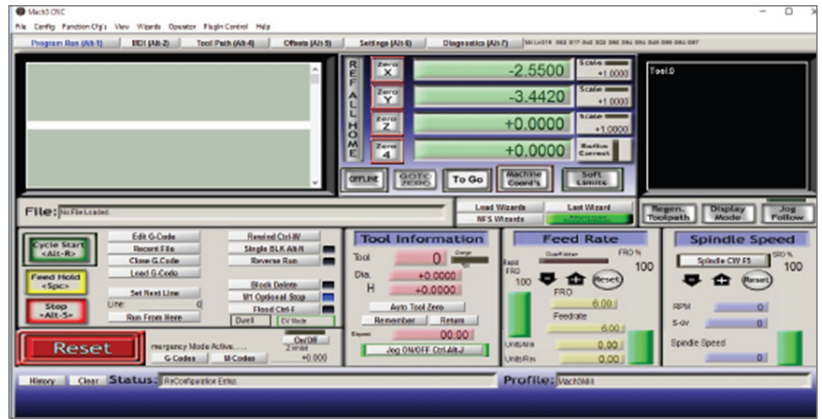


CNC Routing

TYPE  

LANGUAGES  

Intelitek's CNC Router curriculum is a project-driven course that enables students to bring objects they create to life quickly and motivates them to complete other projects. They will learn terminology related to CNC Routing and set up the router using the Mach3™ control software. This is followed up by five projects using Vectric VCarve Pro to produce amazing results.



BENEFITS

- Allows visualization of assembly of 2D object in 3D space
- Provides students the ability to create impressive, large scale projects at a very low cost
- Fast paced project-based learning allows students to produce results quickly to keep them motivated
- Cut most projects in less than 30 minutes
- Teach G-Code - an industry standard that is used with other CNC mills and lathes
- Manufacture impressive projects using up to 4ft x 8ft sized materials
- Includes 30 seats of V-Carve Pro CAD/CAM software - allowing the entire class to utilize the program

COURSE OUTLINE

- Getting Started with Routers
- Basic Terminology
- Axis of Travel
- Securing the Work Piece
- Installing a Tool
- Spoil board
- Dust Collection
- Mach3 Layout
- Homing the Router
- Jogging the Router
- Setting Part Zero
- G-Code Editing
- Cutting a Sample Part
- Introduction to Vectric VCarve Pro
- Making a Gear Clock Drawing
- Importing Pictures
- Importing a Drawing DXF/DWG/SVG
- 3D Dinosaur Project



Machining Software Package

CNCBase®

CNCBase software is an ideal tool for learning the fundamentals of CNC machining. The user-friendly interface and online help allow users of all levels to control and monitor Intelitek's machining centers, and to write, edit and run NC programs.

STANDARD FEATURES

PROGRAMMING AND CONTROL

- Compatibility with EIA RS274-D standard G&M codes.
- CAD/CAM compatibility.
- Advanced NC code editing functions, including automatic block numbering, comment management and code verification.
- Absolute and incremental programming.
- Supports canned cycles for drilling and boring.
- Programmable tool offsets and cutter compensation.
- Supports metric and English units.
- Unlimited number of programs can be open simultaneously.
- Unlimited number of program blocks.

PROGRAMMING VERIFICATION

- Quick verification of G&M code to ensure correct and complete syntax during program editing.
- Graphic verification of the tool path ensures precise programming.
- Estimate runtime command to calculate the approximate amount of time necessary to machine your part, and the approximate distance the machine travels.

MANUAL HARDWARE CONTROL

- Movement along each axis at customized speed and step settings.
- Spindle activation and speed control.
- Movement control from dialog box and keyboard.

REAL-TIME DATA DISPLAY

- Real-time display of current hardware setup, including cross-slide and tool positions, tool in use, machining parameters.
- Real-time display of program execution, including block being executed and program run time.

PARAMETERS FOR ADJUSTING CONTROLLER OPERATION

- Manual override of programmed spindle speed and feed rate.
- Configurable soft limits for safe machining.
- Parameters can be easily viewed and manipulated.

USER INTERFACE

- NC code color editor
- Setup tool library

TWO OPERATING MODES:

- Online: CNCBase communicates with the controller
- Simulation: When not connected, you can simulate the machining process with graphic verification and simulated machining.



Machining Simulation Package

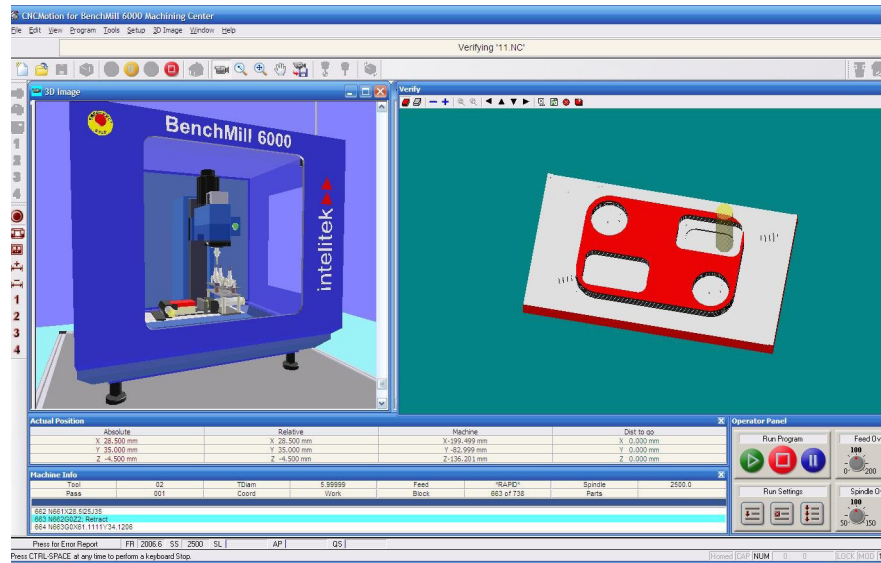
CNCMotion®

CNCMotion integrates interactive 3D simulation with CNCBase machine control software for dynamic simulation and graphic tracking of CNC mills and lathe machines.

CNCMotion simulates the entire machining process in real time, accurately reflecting the movement of machine components and tools, and the form of raw materials changing into finished parts.

The virtual machines in CNCMotion respond to errors and environmental conditions in the same way as safeguards on real machines, preventing injury and damage. Safety measures include halting NC program execution upon impact or axis limit, and warnings of unsafe hardware conditions (e.g., safety shield open, tool missing, tool impact on the cross-slide or holding device).

As a powerful visualization tool, the software enables testing and debugging of programming, as well as full machine setup, prior to actual CNC machining and turning.



STANDARD FEATURES

GRAPHIC SETUP

- Interactive graphic setup enables customization of machines, including various machine tools and fixtures.
- Definitions and properties of clamps, vices, and chucks; fixtures can be defined as pneumatically or manually operated.
- Definitions and tool offsets for up to 20 predefined and user-defined tools.
- Definition of manual tool holders/posts, or automatic tool changer/tool turret.
- Definitions and properties of workpieces: material, color, and size.
- During setup, all definitions are verified by software to ensure compatibility with actual hardware and physical environment.
- CNCMotion simulates every tooling option available on our machines on-screen control of the same options and accessories you use with the actual machine.

MILLING OPTIONS:

- All standard-size tooling
- 4" precision vice
- Single axis air vise
- Dual axis air vise
- 4-station ATC for BenchMill 6100 or ProMill 8000
- 12-tool carousel ATC for ProMill 8000
- Rotary worktable (4th axis) with 3-jaw chuck
- Coolant system
- Automatic shield opener

TURNING OPTIONS:

- All standard-size tooling
- 3-jaw chuck
- Air chuck
- 4-station automatic tool turret
- Tailstock
- Coolant system
- Automatic shield opener

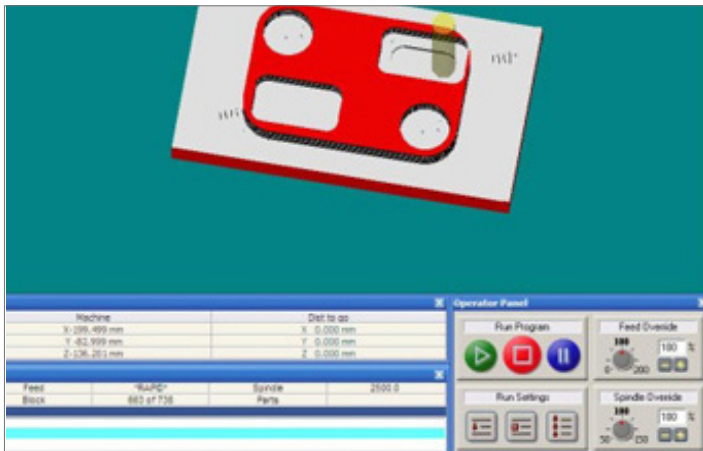
FANUC 21i Controller Emulator

Intelitek CNCBase and CNCMotion software packages for machine control include emulation for the FANUC 21i Controller – an industry leading and popular industrial control software. The FANUC Control emulator for Intelitek machines provides hardware-based FANUC control, in addition to FANUC simulation software.

The FANUC emulator replicates the FANUC 21i CNC controller. This controller and its subset, the FANUC 16i and 18i controllers, are the most popular CNC controls used in industry. Whether you are operating the actual machine or the virtual machine simulator, you can teach industrial CNC controls in addition to the G & M codes offered on our CNC machines.

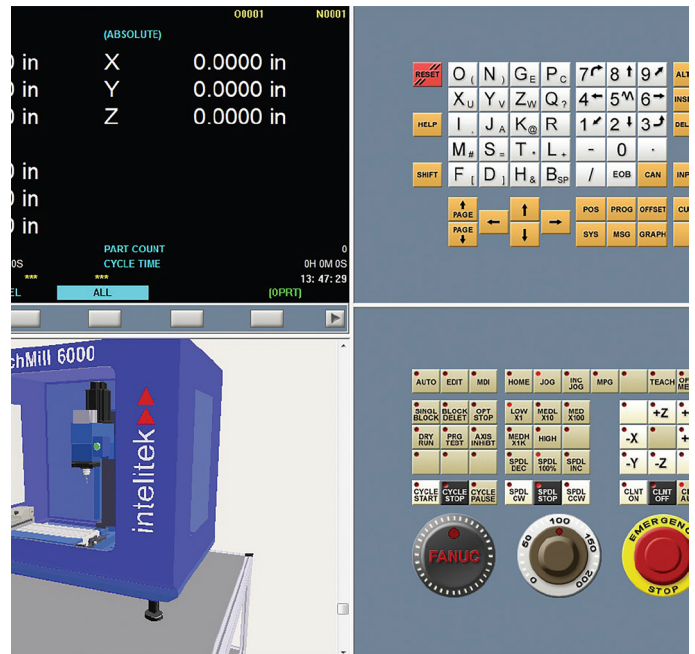
SpectraCAM Milling and Turning Software

SpectraCAM Milling and Turning software introduces students to the fundamentals of CAM programs and their use in industry. SpectraCAM software converts CAD drawings into numerical control (NC) files that can be used to produce parts on a CNC Milling or CNC Turning center. The SpectraCAM software features an integrated CAD drawing package that allows a seamless and easy working environment and includes a graphic tool path simulation package for immediate part proofing.



SPECTRACAM STANDARD FEATURES

- Drawing options: arc, circle, line, point, rectangle, text.
- Editing options: break, copy, delete, explode, fillet, mirror, move, offset, rotate, scale, trim/extend.
- Built-in tool and material libraries; automatically pre-selects the optimal speed rates, feed rates and plunge rates
- Multiple views of geometry and tool paths.
- Online, context-sensitive help.
- Input and output DXF file format.
- Output standard G&M code NC part programs.
- Milling and Surface machining operations:
- Turning operations: facing, roughing, finishing, grooving, cut-off.



SpectraCAD Engraving Software

SpectraCAD Engraver software is a CAD drawing package and is delivered with SpectraCAM.

Computer Aided Design (CAD) is a way to draw complex shapes easily and accurately using a computer. CAD enables rapid, accurate drawing, easy revisions, and electronic transmission of files.

SPECTRACAD ENGRAVER STANDARD FEATURES

- Converts CAD drawings to NC part program files.
- Enables creation of CAD drawing files and export to HPGL plot file.
- Integrated engraving capabilities, accessible via a pull-down menu.
- Enables selection of machining parameters: feed and plunge rates, depth of cut.
- Drawing options: arc, circle, point, rectangle, line, text.
- Editing options: break, copy, fillet, mirror, explode, offset, delete, move, rotate, scale, trim, extend.
- Intuitive graphic user interface. Simple graphic buttons and tool bars enable the user to start working immediately.
- CAD can display the geometry in a number of different ways and provide printed output for user inspection.
- Bidirectional DXF file transfer capability enables compatibility with other applications such as AutoCAD®.
- When integrated with CAM software, users can automatically generate facing, drilling, contour milling, pocketing with islands, engraving, surface of revolutions, ruled surfaces and swept surfaces with cutter compensation.

SkillsUSA Advanced Manufacturing Technology Competition (AMT)

For over 30 years, Intelitek has organized and chaired the Advanced Manufacturing Technology competition as a partner at the SkillsUSA National Leadership & Skills Competition

The typical equipment used in the competition includes the BenchMill 6100 and uses the CNCBase and CNCMotion software capabilities. The solution is available to schools nationwide who would like to be prepared for the national competition.

Using the BenchMill 6100 package is an opportunity to have the equipment to prepare for the competition and add easy to implement machining training to the classroom.

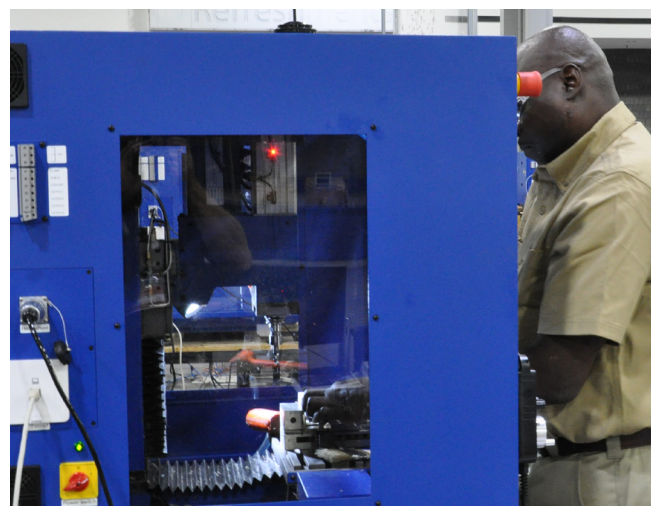
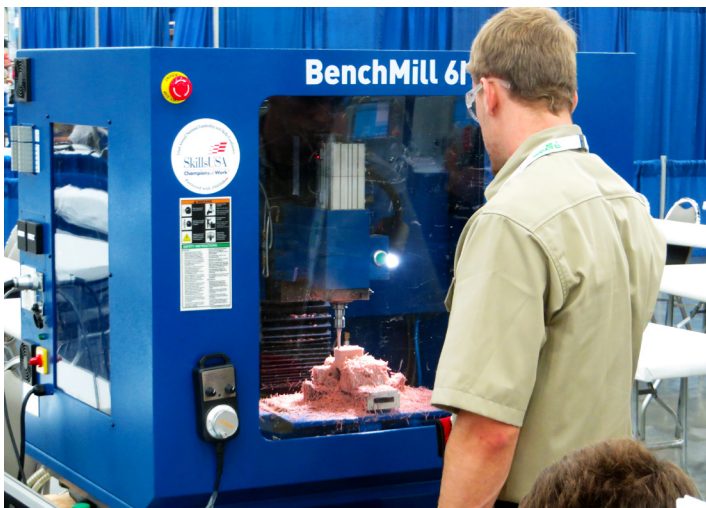
About the Advanced Manufacturing Technology Competition

In the Automated Manufacturing Technology event, contestants plan, design and manufacture a part.

The contest evaluates teams for employment in integrated manufacturing technology fields of computer aided drafting/design (CAD), computer aided manufacturing (CAM), and computer numerical controlled machining (CNC).

Teams are made up of three students. The team must generate a drawing file (CAD) that will be used and deliver a print of the design. The team must program the design to be machined (CAM) and then finally the part must be manufactured on the CNC machine/

The CAD operator constructs the part geometry; the CAM operator generates the tool paths; and the CNC operator sets up and machines the part.



Machining Hardware



BenchMill 6100 CNC Milling Center

The BenchMill 6100 is a versatile PC-based benchtop CNC machining center that enables you to deliver robust instruction in computer numerical control and advanced manufacturing for your students. The BenchMill 6100 comes equipped with Ethernet-based motion control, 3-axis stepper motors, ball screws, a variable speed spindle motor, and ISO20 taper tooling. This CNC system requires no assembly, arriving at your facility ready to run on an Ethernet port on a standard PC, and fits comfortably into any classroom, without sacrificing features.

As seen in larger industrial machines, the BenchMill 6100 uses EIA, ISO, and FANUC-compatible G&M code programs to cut parts in a variety of materials.

STANDARD FEATURES

- Ethernet-based control
- Brushless spindle motor
- Full enclosure with pneumatic shield
- Automatic diagnostics and power cut-off protection
- PC-based CNC software
- Coolant ready
- Jog pendant ready
- 4th-axis ready



ProMill 8000 CNC Milling Center

The ProMill 8000 is a powerful floor standing CNC machining center. The ProMill 8000 has a 3-axis AC servo motor, with an optional 4th rotary axis and includes a 12-tool carousel ATC.

- Pneumatic drawbar
- Pneumatic door opener
- Robotic integration ready with 6 inputs, 6 outputs
- No assembly required
- Internal work light
- One-shot lubrication system
- Accessory package with tools and fittings



BenchTurn 7100 CNC Turning Center

The BenchTurn 7100 is a benchtop CNC turning machine for learning environments. The BenchTurn 7100 comes equipped with 2-axis stepper motors, ball screws, a variable speed brushless spindle motor, limit/home switches, and an MT3 taper spindle with MT2 taper tailstock. This system requires no assembly, arriving at your facility ready to run on an Ethernet port on a standard PC, and fits comfortably into any classroom without sacrificing features. As seen in larger industrial machines, the BenchTurn 7100 uses EIA, ISO, and FANUC-compatible G&M code programs to cut parts in a variety of materials.

STANDARD FEATURES

- Ethernet-based control
- Full enclosure with automatic safety door lock
- Tailstock
- Automatic diagnostics and power cut off protection
- PC-based CNC software
- Coolant-ready
- Jog pendant-ready



ProTurn 9000 CNC Turning Center

The ProTurn 9000 is a powerful floor standing CNC turning machining. The system uses powerful AC drive motors on the spindle and both axes, for part cutting in a variety of materials. The ProTurn 9000 is the perfect training solution, with exceptional ease-of-use, safety features and reliability.

- Robotic integration-ready with 6 inputs, 6 outputs
- No assembly required
- 4" 3-jaw chuck with key
- 4-station automatic tool turret
- One shot lubrication system
- Internal work light
- Accessory package with tools and fittings



Plasma Cutter Pro

The JobMaster Plasma Cutter Pro systems include a range of completely turnkey plasma cutting tables for education that come in a variety of sizes to fit any classroom.

These plasma mechanized systems are used to cut a wide range of conductive materials, including mild steel, carbon steel, stainless steel, aluminum, copper, brass, and other metals. The Plasma Cutter Pro systems are engineered to deliver optimal repeatability and performance.

STANDARD FEATURES

- Up to 1" Metal Cut Capacity for Machine Parts
- 4" or 8 inch Deep waterbed with Removable Steel Grates
- Torch Height Control
- Center Drain with Shut Off Valve
- Magnetic Breakaway
- PC Controller with Maverick Software
- VCarve Pro CAD Software and 40 User License
- SheetCAM TNG Software
- Control Software
- Sign Torch – 5,000 DXF Images
- HyperTherm PowerMax 45XP
- Manufactured in the USA



ProRouter 2000/2100

The ProRouter 2000 and 2100 have large cutting areas in addition to enhanced features to introduce CNC equipment and cutting of large flat objects.

These routers arrive ready to use with dust collection, cutters, and project based curriculum to get cutting fast. The ProRouter 2000 and 2100 are great peripherals for any woodshop classroom, engineering lab, or Fab Lab.

STANDARD FEATURES:

- ProRouter 2000 - cutting area: 4ft (1.2m) x 4ft (1.2m)
- ProRouter 2100 - cutting area: 4ft (1.2m) x 8ft (2.4m)
- Ethernet connection
- 220V 2.2KW PC controlled spindle
- X-Y cutting @ 600ipm (15240mm/min)
- Mach 3 control software
- USB connection
- 800W liquid spindle PC controlled
- Real spindle Air Cooled
- 1in (25.4mm) thick MDF table
- X-Y cutting at 200ipm / (5080mm/min)
- Starter Cutting Tools Kit
- Shop vacuum and dust foot
- G-Code sample projects
- 2 Spare pieces of 24in x 16in x1in MDF
- V-Carve Pro (30 Seats)
- Manufactured in the USA

Curriculum

88-3147-0000	CNC Milling Technology, Virtual/Lab Annual License
88-3148-0000	CNC Turning Technology, Virtual/Lab Annual License
88-8160-0001	Intro to CNC Routers with VCarve Pro
88-3004-0001	Computer-Aided Drafting with SpectraCAD Engraving (Imperial)
88-3004-0002	Computer-Aided Drafting with SpectraCAD Engraving (Metric)
88-3005-0001	Computer-Aided Manufacturing with SpectraCAM Milling (Imperial)
88-3005-0002	Computer-Aided Manufacturing with SpectraCAM Milling (Metric)
88-3007-0001	Computer-Aided Manufacturing with SpectraCAM Turning (Imperial)
88-3007-0002	Computer-Aided Manufacturing with SpectraCAM Turning (Metric)

Hardware

00-5505-N110	BenchMill 6100 - 110 VAC
00-5505-N220	BenchMill 6100 - 220 VAC
00-5504-N110	BenchTurn 7100 - 110 VAC
00-5504-N220	BenchTurn 7100 - 220 VAC
00-5509-0110	ProMill 8000 ATC - 110 VAC
00-5509-0220	ProMill 8000 ATC - 220 VAC
00-5501-0110	ProTurn 9000 - 110 VAC
00-5501-0220	ProTurn 9000 - 200 VAC
PLS-2000-TBL4	Plasma Cutter Pro (4'x4') with 4" water table
PLS-2100-TBL4	Plasma Cutter Pro (4'x8') with 4" water table
CNC-2000-STND	ProRouter 2000
CNC-2100-STND	ProRouter 2100

The BenchMill, ProMill, BenchTurn and ProTurn are available in classroom bundles designed for easy implementation and include accessories for typical use. The Plasma Cutter Pro and ProRouters are available in additional sizes and with additional features and accessories.

Contact Intelitek for more details.

Software

63-6789-1000	CNCMotion® Simulation Software for Intelitek CNC & FANUC emulator
63-6723-0000	SpectraCAD Engraver
63-6733-0000	SpectraCAM Milling

Intelitek Learning Solutions

Intelitek is at the forefront of technical education across the globe with comprehensive learning solutions for industrial maintenance and Industry 4.0.

For four decades, the company's innovative learning solutions have provided learners with the competencies needed for in-demand careers in industries. Driven by our pedagogic commitment to students' career readiness and lifelong learning skills, our advanced tools and learning technologies empower instructors and inspire students to improve the world around them. We understand the changing needs of your career and technology classrooms and design flexible solutions that meet those needs with sustainable support and professional development to ensure the continued success of your programs.

At Intelitek we are producing results for students, teachers, nations and economies.



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