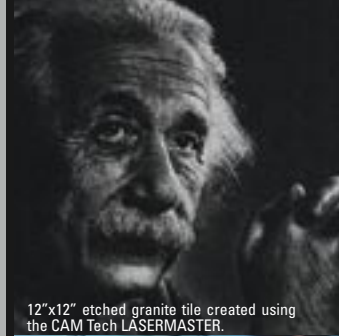


Meet Your Potential:



12"x12" etched granite tile created using the CAM Tech LASERMASTER.



Carving created using the CAM Tech ROUTERMASTER.



Metal sign by the Banff Sign Company Ltd. created using the CAM Tech ROUTERMASTER.



Faux-stone relief by Heavy Industries created using the CAM Tech ROUTERMASTER.



Now Realize It.

 **CAM TECH**
INDUSTRIES INC.

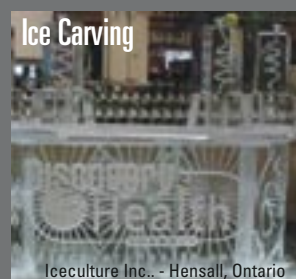
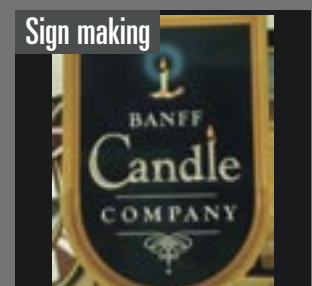
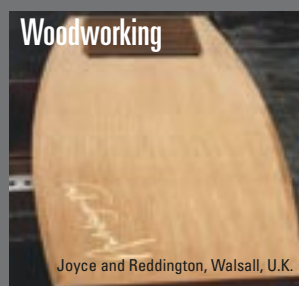
ROUTERMASTER™
LASERMASTER

www.camtech.ca
Call us today: 1-800-514-8188

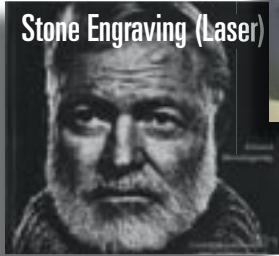


Why buy CAM Tech?

- Well-established, reputable company
- Personalized installation and training at customer's facility
- Windows XP based advanced CMC4 control system
- Simple to operate
- Removable table top for 32" under gantry clearance (laser models)
- Technical support
- Additional training programs
- In-house R&D



Unlimited Applications

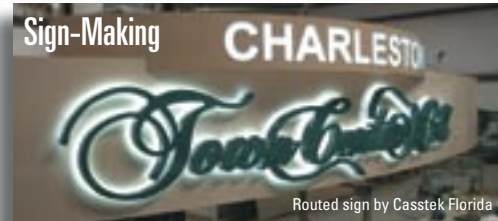


Stone Engraving (Laser)



Etched Glass

Etched glass panel by Zoomtone Korea



Sign-Making

Routed sign by Casstek Florida



Wood Veneer Inlay



Etched Glass

Glass by Laser Etch Technologies



- Monument/memorial building
- Floor/wall murals
- Kitchen and bath
- Awards and recognition
- Glass industry
- Sign fabrication
- Metal marking
- Surface fabrication
- Stone and tile
- Boat building
- Aerospace
- Ice carving
- 3D routing
- Woodworking and furniture
- Parts fabrication
- Prototyping
- Mold making
- Architectural aluminum
- Fence making

Materials :

Wood, MDF, Acrylics, Vinyl, Plastics, Composites, Aluminum Brass, Steel, Textiles, Solid Surface, Stone, Glass, Leather Polyurethane Foam, Anodized Aluminum , Resin Application ("stained glass")

Simple Production Process

Design



Import designs easily from clip-art, digital photos, digital scans, or create them yourself with CAD software.

Toolpath



Apply material parameters, tool bit diameters, cutting speeds and other options to determine the path of machine movement.

Cut



Send the job to the machine computer over the office network or by disk , secure the material, and set the machine to cut.

Finish



The final product is ready to sell.

Stiegelbauer & Assoc., New York, U.S.A.

ROUTERMASTERS

Z7
Servo Powered



ROUTERMASTER™ Z7 Specifications :

- Our robust and reliable, entry-level CNC cutting machine
- Servo drive
- 7" under gantry clearance without vacuum
- Set of collets (3/16" and 1/4")
- Anti-vibration leveling feet
- Includes delivery within North America

ROUTERMASTER™ RMII Specifications :

- Our heavy-duty CNC router with optional automatic toolchanger
- Servo drive
- Linear profile bearings
- Feedrate override
- Wide range of available process areas
- 12" under gantry clearance
- Toolchangers 5 to 15 position
- Perske precision spindles
- Trico dual mist coolant assembly

RMII
Servo Powered



Spacemaker

The patented
ROUTERMASTER
with the
**World's
smallest
footprint!**



ROUTERMASTER™ Spacemaker Specifications :

- The patented, upright router with the smallest foot-print.
- Servo drive
- 2D and 3D cutting capability
- 4 locking castor wheels for easy movement
- Complete with dust extractor, chip pick-up and a vacuum assist bed
- 3.125" under gantry clearance
- Saves shop-space
- Medite (water-resistant MDF) table top

SYSTEM FEATURES :

- Servo driven
- Art CAM Insignia toolpath software
- High-powered Windows XP Pro computer with 17" monitor
- Intuitive CMC4 control software with feedrate override
- 52" x 102" large format process area and larger
- 1100 inches per minute traverse
- 6.8" Z-Axis travel
- On-site installation and personalized training at customer facility

LASERMASTERS



L5

LASERMASTER L5 Specifications :

- The introductory level, large format laser etching machine
- Standard 52" x 52" process area
- 1400 inches per minute etching speed
- Removable top allowing a 32" under gantry clearance for large projects
- 25 Watt CO₂ laser air cooled
- Raster etching and Vector cutting capability

LASERMASTER L20 Specifications :

- Fast, precise, versatile large format laser etching
- 52" x 102" and larger process areas
- Up to 2200 inches per minute etching speed
- Precision Ultra-Drive motors
- Removable top allowing a 32" under gantry clearance for large projects
- Standard 55 Watt cooled CO₂ laser
- Vector and 8 bit or 1 bit raster etching
- Ability to etch several jobs simultaneously, within a single machine command
- Smart Raster time saving feature
- Feedrate override on-the-fly
- Diode alignment pointer

L20



L30v



LASERMASTER L30v Specifications :

- Precise, high powered laser vector-cutting and raster-etching machine
- Vertically mounted 100 Watt laser
- Vector cutting and 8bit or 1bit raster etching
- 54" x 98" large format process area
- Laser diode pointer to indicate firing point
- Automatic air-assist on/off
- Fail-safe features for better machine operation
- Modular electronics and high speed cutting
- Anti-vibration leveling feet
- uses 220V single phase power supply & full Downdraft table bed
- Air scrubber system (option)

SYSTEM FEATURES :

- Easy-to-use Windows based CMC4 controller
- High-powered Windows XP Pro computer
- Photograv and Corel Graphics Suite included (advanced software for large format etching)
- Ability to etch several jobs simultaneously, within a single machine command
- On-site installation and personalized training at customer's facility

IJoist



ROUTERMASTER™ I-Joist Specifications :

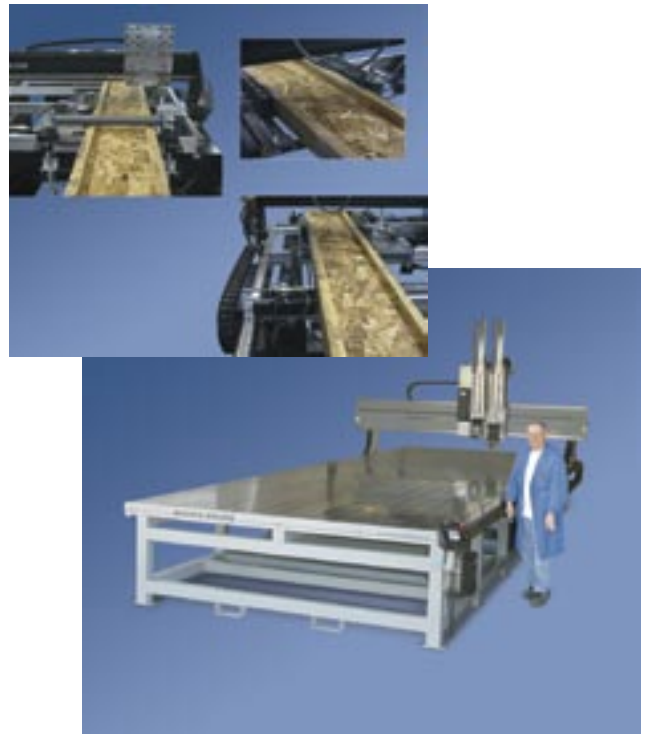
- CAM Tech's automatic, custom design I-beam web cutting machine
- The I-Joist revolutionizes I-beam and strut manufacturing by allowing the producer to pre-cut all the necessary conduits.
- The design requirements for the conduits can be imported directly from an Excel spreadsheet, making work flow fast, easy, and efficient.
- Capable of precise and complex, custom- designed holing
- Automatically feeds I-beam all the way through the table
- Processes large volumes with little supervision
- I-Joist conveyor system fits into existing assembly line
- Fast and consistent results

CUSTOM TABLES:

CAM Tech Industries is always ready to design a custom CNC machine to meet specific or unusual fabrication needs. We apply the same quality, experience and reliability to our custom machine manufacturing as we do to our world renowned ROUTERMASTER and LASERMASTER manufacturing. Our in-house team of innovative and experienced professionals can design a machine to your exact specifications to make your fabrication process as streamlined as possible. CAM Tech excels in custom CNC machine design and customer satisfaction.

Examples of custom machines we created:

- Boat manufacturing machines
- Metal fabrication machines
- Vinyl fence industry machines
- Ice carving machines
- Concrete 3D moulding machines
- Foam carving for props and themeing
- Multiple router and multiple laser machines
- Automatic drill and Tapping machines
- Plasma cutting machines



Talk to us about what you need and we will make the CNC solution that fits.

The company reserves the right to revise any of its products specifications, designs or prices without prior notification. Although every care has been taken in the preparation of this document, no liability is accepted for any consequence of its use. Where products are supplied in accordance with their specification any modifications will be subject to an additional charge.

SYSTEM FEATURES :

- Servo motors
- Art CAM Insignia toolpath software
- High-powered Windows XP Pro computer with 17" monitor
- Intuitive CMC4 control software with feedrate override
- 52" x 102" large format process area
- 1100 inches per minute traverse
- 6.8" Z-Axis travel
- On-site installation and personalized training at customer facility

CMC4 Machine Control Interface

Opens notepad for job file editing

Allows you to graphically preview the job before running the file

Using the laser diode pointer as a drawing tool, this button-set lets the user digitize DXF files, to-scale, from the physical material on the table.

Step-through button allows the user to examine G-code one command at a time

History button with quick access to recent files and commands

Job analysis for cut size, lines, cut time and more

Soft limits: manually control process area

Toggle between metric and imperial units of measure

DRO: Laser position is indicated to 1/1000 of unit

Numeric positioning speed in units per minute

Starts a vector file at a specified G-code line number within the file

Type in exact X/Y or G-code coordinates for accurate and specific laser placement

Feedrate override: Etching and cutting speeds can be adjusted while the file is running. This allows the operator to fine-tune the cutting speed to achieve the desired edge quality.

Logs history of every command and actual run time of all files posted

Real-time preview window shows the file being processed and laser position during vector cuts. Includes zoom capability

Indicators show the status of various operation and safety systems

Laser power can be varied according to the material used

Shows X/Y coordinates of the cursor pointer as it moves over the process area grid

Incremental jog modes

Variable jog speed makes set up quick, accurate, and efficient

Shortcuts to other Windows programs and commands

The diode pointer, which makes set-up quick and accurate, can be turned on and off from here.

Convenient troubleshooting Help library to assure success

Mode commands for G-code compatible machine language are displayed here

Customizable buttons to set multiple X/Y homes, frequent commands, preset laser powers etc.

Indicates file, time, % completion, and which G-code line the machine is on while running

Commonly used Settings

'Smart Raster' feature moves laser automatically to etching location, skipping all blank areas within the file. This increases the completion speed for many files.



The LASERMASTER's advanced controller, with its easy to use Windows XP based interface, is intuitive and user-friendly.



The ROUTERMASTER's advanced controller, with its easy to use Windows XP based interface, is intuitive and user-friendly.



ROUTERMASTER Options:

Availability of options varies according to the machine model.

Resin Dispensing Head

The resin head upgrade is a cost effective way of producing stained glass effect panels accurately and with brilliant results.



HSD Spindles

5.2 HP - 10.8 HP precision spindles available. Includes chip pick up, mounting bracket, wire harness, inverter (if applicable), and full machine integration. Automatic spindle on/off and air filtering, specific to HSD spindle, is included in machine integration.



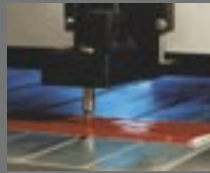
Perske Spindles

3 HP, 5.5 HP and 7 HP quality precision spindles available. Includes chip pick up, mounting bracket, wire harness and inverter (if applicable).



Tangential Knife

Designed to cut heavy materials such as 2mil vinyl or sand blast masks. Knife rotation automatically controlled by way of a 4th-axis drive and optical homing switch.



Single Head Engraver

The combination of a floating head and precision depth gauge enables consistent depth engraving on both flat and uneven surfaces.



Automatic Tool Changer

Five (standard) or more (optional) tool positions (5.2 HP - 10.8 HP).



Mist Coolant

A necessity for cutting aluminum, brass, and other metals, this air powered system increases cutting speeds, optimizes finish quality and increases bit longevity.



Material Surface Sensor / Tool height sensor

The surface sensor is programmed as an automatic offset so that the machine controller knows the exact Z-axis coordinate of your material surface. (Surface sensor shown is for Porter Cable and Perske spindles)



Foam Wizard

Using a variable temperature control, the hot-wire foam cutter carves up to 12" (305mm) thick light-density foam into block letters and shapes.



ArtCAM Insignia and ArtCAM Pro

ArtCAM Insignia software allows you to quickly and efficiently route or engrave from 2-D files. ArtCAM Pro allow you to create 3-D files from 2-D files quickly and easily, as well as route or engrave from 2-D files.



Other options: Vacuum Hold Down Table, 3D laser scanner, CAD/CAM software, Pneumatic Drill



Using polyurethane foam and special faux-finishing techniques, a CAM TECH customer creates startling props and themeing pieces.

Service at its Best

When you bring a CAM Tech CNC machine into your workshop, you bring in more than just first-class industrial machinery and software. You join the CAM Tech family, backed by decades of experience in providing the professional training, support, and service that has satisfied thousands of CAM Tech owners worldwide.

Dealer details :

 **CAM TECH**
INDUSTRIES INC.

2707 – 58 Avenue SE
Calgary, Alberta, Canada T2C 0B4
Tel: 1-403-236-4464
Fax: 1-403-279-4206
Toll free: 1-800-514-8188
E-mail: info@camtech.ca
Website: www.camtech.ca
Distributor inquiries welcome.