

# MultiCam<sup>®</sup> CNC Cutting Solutions

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## CNC Products - Routers

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### 1000 Series CNC Router

MultiCam's 1000 Series machines offer a price and performance breakthrough in CNC router design. Over 15 years of leading edge design experience have allowed our engineers to meet the difficult design criteria required to produce these machines.

The challenge was to build a rigid, reliable platform with excellent cutting performance at an entry level price. The results speak for themselves. For sign manufacturing and other applications requiring value, performance and price in a CNC router, MultiCam's 1000 Series CNC machines are the perfect solution.



#### 1000 Series Standard Features:

No CNC machine offers more standard features than the MultiCam:

- Custom engineered extrusion design for high strength and rigidity
- High-frequency 3hp spindle
- User-friendly operator interface
- Automatic Tool Calibration
- High Speed 3 axis Motion Controller
- Precision dual X-axis drives
- Cast dust collector shroud/pressure foot
- **25 mm linear ball bearing profile rails** for maximum stiffness
- 8 Megabytes of Memory with **unlimited** file size transfer capabilities
- Standard **Ethernet** or RS232 direct connections

Yes, you do get **Ethernet**, **Automatic Tool Calibration**, and one of the easiest to use **hand held interfaces** for no additional cost!

#### MultiCam EZ Control

- Hand held keypad interface allows operator to set job parameters, jog the machine, perform system tests and download jobs from a remote computer system
- Ethernet and serial communications interface are available to the host computer system
- Productivity Software Suite is included



**1000 Series Video** - Click on the image to start the video





**1000 Series Model Sizes**

|                  |                  |                  |                |                  |
|------------------|------------------|------------------|----------------|------------------|
|                  |                  | Y axis work area |                |                  |
|                  |                  | <b>1 (50")</b>   | <b>2 (60")</b> | <b>03 (100")</b> |
|                  | <b>01 (50")</b>  | 101              |                |                  |
| X axis work area | <b>02 (60")</b>  |                  |                |                  |
|                  | <b>03 (100")</b> | 103              |                |                  |
|                  | <b>04 (120")</b> |                  | 204            | 304              |

**The Details:**

**Machine**

- Z-Axis Clearance: 4.5
- Z-Axis Travel: 6"
- Repeatability: +/- .001"
- Cutting Speed: 450 ipm
- Rapid Traverse: 600 ipm
- Drive System X and Y axis: Rack and Pinion
- Drive System Z axis: Lead Screw
- Standard Work Surface: Aluminum T-Plate Extrusion



**Controller**

- Type: Stand Alone RISC/DSP
- Interface: RS232 or Ethernet / DNC
- Memory: 12 MB
- File Size Limit: Unlimited
- File Type: M & G codes (EIA 274D), U-Cito, & HPGL

**Other Options**

- ATC (Automatic Tool Changer)
- MultiVision Digital Registration System
- CAD/CAM Software
- CE Certification



\*\* All Specs are Subject to Change

**Precision built for precision work!**



**3D Carving**

**Dimensional Signage**

**Sheet Cutting**

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