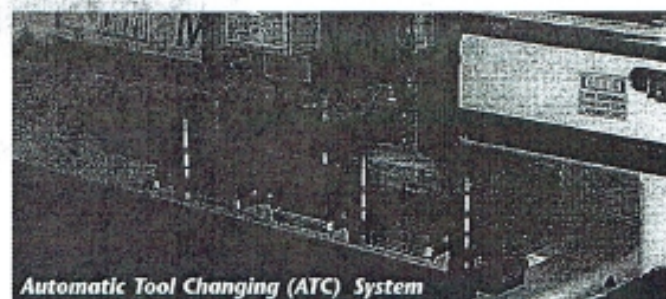
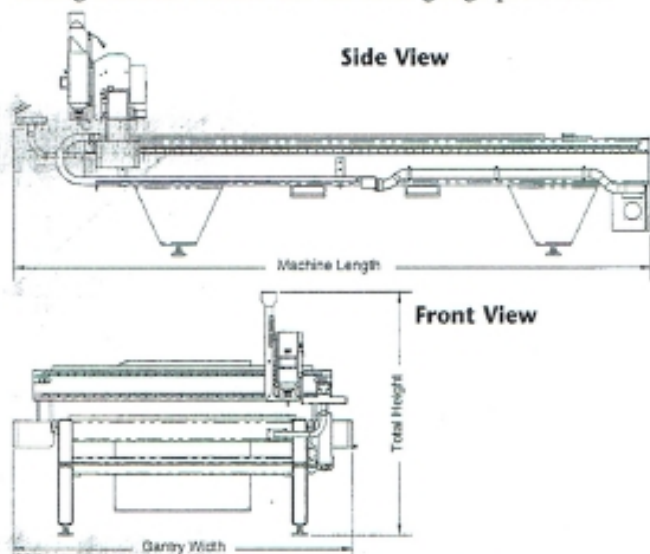


MultiCam® M Series

CONTROLLER The MultiCam 3D controller is the easiest to use in the industry. It has been developed specifically for CNC routing with features found only on the most expensive machines. Fifteen functions are accessible via one touch hot keys. MultiCam is compatible with any CAD/CAM system or graphic design package outputting HPGL or G-Code files. Router Productivity Suite Software is included.

CONTROL FEATURES Keypad interface for ease in jogging and setting user parameters • Feedrate and spindle speed control on the fly • Pause Instantaneously anywhere in the job • 4MB Replay Memory • Jog while paused and resume automatically • Direct Ethernet Connection using TCP/IP • Reset cut speed and depth while paused • DNC allows the operator to download files of unlimited size from a remote computer • DNC tracks job run times and Job Reporter reports the results • DNC runs in the background in Windows • Proximity restart allows you to restart any job from any position on any contour simply by jogging to the desired location • An automatic touch probe is standard for setting material surface and for table gouge protection.



MultiCam®

MultiCam, Inc. • 8920 North Royal Lane • Irving, Texas 75063-2545
Phone: 972-929-4070 • Fax: 972-929-4071 • Internet: <http://www.multicam.com>

SPECIFICATIONS

Machine

- Drive System: X and Y axis Rack and Pinion and Z axis lead Screw
- Standard Power: 220V/50 or 60HZ
- Warranty: 1 Year Parts
- Repeatability: +/- .001"
- 1" Phenolic table surface
- All Steel Table and Gantry Construction Stress Relieved and Machined
- Auto Surfacing Sensor

Controller

- Type: Stand Alone RISC/DSP
- Interface: RS232 or Ethernet / DNC
- Memory: 8 MB
- File Size Limit: Unlimited
- File Type: M & G codes (EIA 274D), U-Cito, & HPGL

Electrical/Air/Dust

- Electrical/Air/Dust
- Optional Power: 380 or 460V / 3 phase

OPTIONS:

- Porter Cable 3.25HP router spindle
- Colombo collet spindles with electric fan cooling and three bearings
2 HP 24,000 RPM, 4HP 24,000 RPM, 7.5HP 18,000 RPM
- Colombo Automatic Tool Changing (ATC) Systems
- 2 HP 40,000 RPM compressed air cooled and 5.5 HP 24,000 RPM electric fan cooled spindles.
- 4 and 8 tool linear ATC systems available.
- Part Scanning
- Rapid Shape 2D Digitizer
- General Bar Code Interface
- Auto mister
- Engraving Spindle
- Vinyl castor knife/plotter holder
- High Frequency Spindles
- CAD/CAM Software
- CE Certification

Vacuum System

Positive Displacement

- HP: 10, 20
- Capacity: 200-425 CFM
- Use: Random Shape Cutting

High Pressure

- HP: 5, 10
- Capacity: 70, 168 CFM
- Use: Fixtured Parts

MultiCam	M 100	M200	M300
Resolution:	.0001"/pulse	.0001"/pulse	.0001"/pulse
Repeatability:	+/- .001"	+/- .001"	+/- .001"
Cutting Speed:	600 IPM	600 IPM	600 IPM
Rapid Traverse:	600 IPM	600 IPM	600 IPM
Machine Length:	M101 99" M103 148"	M202 109" M204 171" M205 193"	M304 171" M305 193"
Width - Table:	61"	71"	91"
Width - Gantry:	80.25"	90.50"	110"
Table Height:	32"	32"	32"
Process Area:	M101 = 50" x 50" M103 = 50" x 100"	M202 = 60" x 60" M204 = 60" x 120" M205 = 60" x 144"	M304 = 80" x 120" M305 = 80" x 144"
Bridge Clearance:	4"	4"	4"
Z-Axis Stroke:	6"	6"	6"
Weight:	M101 2,700 M103 3,300	M202 3,100 M204 3,500 M205 3,900	M304 3,800 M305 4,600

DISTRIBUTOR: