

MultiCam[®] CNC Cutting Solutions

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CNC Products - Plasmas

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3000 Series CNC Plasma

The MultiCam 3000 Series Plasma is the perfect choice for those looking for value in a machine tool quality CNC Plasma Cutting System. The rigid, all-steel plate frame design supports a variety of standard or high-definition plasma units and is combined with the industry's easiest - to-use operator interface, as well as the quality features, and high level of service that comes with owning a MultiCam.

And because it's a MultiCam, the 3000 Series also comes with the full support of the MultiCam Technology Center network, with locations worldwide. MultiCam sales, service, support and training are always located nearby.



3000 Series Plasma Standard Features:

No machine offers more standard features than the MultiCam.

- High-Speed contouring
- Fully programmable retract between parts.
- Automatic initial pierce height
- User-friendly MultiCam Controller
- Material Database
- Downdraft table
- Precision dual X-axis drives
- Stress-relieved heavy duty all steel construction.
- **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**, **Material Database**, and one of the easiest to use **hand held interfaces** for no additional cost!

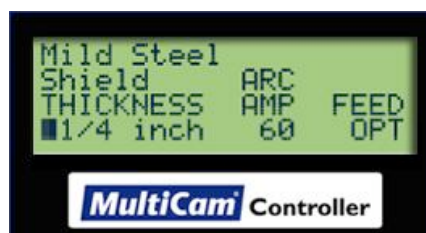
MultiCam Controller

- Handheld keypad interface allows operator to set job parameters, jog the machine, perform system tests and download jobs from a remote computer system
- Standard shape library with automatic array.
- Ethernet and serial communications interface are available to the host computer system
- Productivity Software Suite is included
- Bar-code scanning interface and 2D part digitizing are available options



Integrated Material Database

When you change material type, material thickness, or arc current many parameters such as feedrate, pierce delay, pierce height, etc. all need to be adjusted. MultiCam has made this process simple by integrating all of these cutting values into a simple to use menu driven database on our



hand held controller. The user simply selects material type, thickness, and arc current and all of the settings are adjusted automatically.



3000 Series Model Sizes

		Y axis work area	
		2 (60")	3 (80")
X axis work area	04 (120")	204P	
	05 (144")	205P	305P
	08 (241")	208P	308P

3000 Series Plasma Video

Click on the picture to see a 14 MB streaming video of the MultiCam 3000 Series Plasma cutting 1/4 inch steel with a Hypertherm HD4070.



[QuickTime Required.](#)



The Details:

Machine

- Z-Axis Clearance: 4"
- Z-Axis Travel: 6"
- Resolution: .0001"
- Repeatability: +/- .001"
- Cutting Speed: 1,000 ipm
- Rapid Traverse: 1,700 ipm
- Drive System X and Y axis: Rack and Pinion
- Drive System Z axis: Lead Screw
- Standard Work Surface: Downdraft table

* Velocity specifications apply to servo systems only. Non-servo cutting speed - 600ipm, rapid traverse - 800ipm

Controller

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

Other Options

- CAD/CAM Software
- CE Certification
- Zone downdraft table with removable dross trays
- Automatic torch height control
- Engraving scribe
- Bar-code scanning interface

Hypertherm Plasma Units for 3000 Series

Hypertherm has a wide variety of mechanized systems to meet your applications. Choose the thickness capacity that you require. Click on the links below for more information.

** All specs are subject to change



HT2000 LongLife	1-inch capacity (25 mm) Multi-process system
HT4400 LongLife	1-1/4-inch capacity (32 mm) Multi-process system
powermax1000 <small>IG SERIES</small>	1-inch capacity (25 mm) Third generation technology with Auto-voltage™ (200-600V)
powermax1250 <small>IG SERIES</small>	1-1/8-inch capacity (29 mm) Third generation technology with Auto-voltage™ (200-600V)
powermax1650 <small>IG SERIES</small>	1-1/2-inch capacity (38 mm) Third generation technology with Auto-voltage™ (200-600V)
HyPerformance HPR130	1-1/2 inch capacity (38 mm) Multi-process system
HyPerformance HPR260	2-1/2 inch capacity (64 mm) Multi-process system

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