

EDGE TI® Shape Cutting Control

Description and Features



The EDGE TI® CNC control from Hypertherm® Automation is specifically designed for the unique demands of the metal cutting industry. This PC based control package sets the standard for ease of use and application flexibility, utilizing our proprietary Graphical User Interface and Touch Screen Technology.

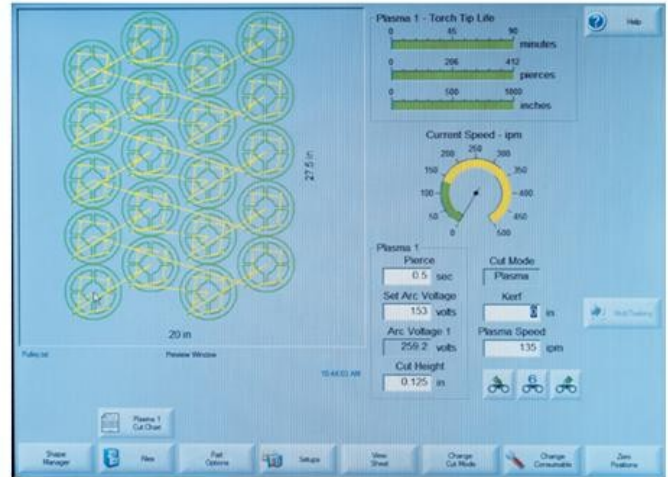
EDGE TI® features include:

- Windows XP Embedded Operating System
- Up to four axes of servo control
- Integrated servo drives
- Support for brush or brushless motors up to 250 Watts
- Integrated height control capability
- Speed pot and joy stick standard
- Relay contact I/O for ease of integration
- Simple connection to PowerMax series plasma supplies
- HyperNest CNC standard
- HyperDXF automatic program converter standard
- Multi-tasking standard

Options:

- 250Watt motors, encoders, and 50' cable sets
- THC Slide assembly with magnetic breakaway and connecting cable set.

HyperNest[®] - CNC true shape automatic nesting package allows quick and simple nesting of part profiles onto standard material sizes for optimal plate utilization. The standard HyperDXF drawing conversion package converts industry standard DXF drawings to functional EIA part programs complete with lead-ins, an optional "Expert" mode allow full access to the HyperCad design program.



*System Features**

Operating System	Microsoft Windows XP [®] - Embedded
Display	15" Touch Screen Display
Processor	Intel 1.2 GHz or greater
Memory	512 Megabytes RAM
Hard Drive	60.0 Gigabyte Hard Drive or greater
Communications	2 x RS232/RS422 isolated; Programmable to 230K Baud using Hypertherm Automation's communications software
USB Port	1 x USB 2.0 Port accessible from the front panel and 1 x USB 2.0 Port on the back panel allow use of memory sticks and other devices.
RFI / EMI Shielding	Machine side Opto-Isolation
I / O	24 Lines of user definable Interface Signal (12 in / 12 Out)
Supportable Axes	2 to 4 Axes
MBoard Interface	PS2 Keyboard & Mouse**;
Optional Networking	RJ-45 10/100 Base-T Ethernet Port
Dimensions	16.30"W x 15.62"D x 18.55"H
Weight	53 lbs
Operating Environment	0 to 50C; 95% relative humidity (non-condensing); On-board Voltage and Temperature Monitoring
Power	Input Voltage 115 VAC or 230 VAC +/- 20%, switch selectable

** Information subject to change without notice.*

*** User supplied Keyboard and Mouse are required.*

For more information, please call **1-603-298-7970**.



Bundled systems including Hypertherm Plasma power supplies and EdgeTI CNC Controls with height controls are available from Hypertherm, contact Hypertherm Sales [1-800-643-3441](tel:1-800-643-3441) for further information on price and availability.

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