

## Description and features

The EDGE II CNC shape-cutting controller from Hypertherm Automation is specifically designed for the unique demands of the metal cutting industry. This PC-based controller sets the standard for ease of use and application flexibility, utilizing our proprietary Graphical User Interface (GUI) and SoftMotion Technology.

EDGE II offers motion-control operation of up to four axes and 24 I/O signals.

Optional HyperNest® CNC software – standard on this controller – allows quick and simple nesting of part profiles onto standard material sizes for the ultimate combination in process productivity.



# EDGE® II Shape Cutting Control

### System features\*

**Operating system:** Microsoft Windows XP® – embedded

**Processor:** Intel 2.4 Ghz or greater

**Memory:** 512 megabytes RAM

**Hard drive:** 80.0 gigabyte hard drive

**Communication:** 2 x RS 232/422; programmable to 230 K Baud using Hypertherm's communications software. Optional networking available

**Floppy drive:** 1.44 megabyte floppy drive

**RFI/EMI shielding:** Complete opto-isolation

**Supportable axes:** Standard analog 2 axes; optional expansion of up to 4 axes

**I/O:** 24 lines of user definable interface signal (12 in /12 out )

**Optional expanded I/O:** 2 – Sensor THC interface, joystick and speedpot available

**SERCOS Interface™:** Optional SERCOS Interface for expandable axis, I/O and analog inputs

**Display:** 10.4" dual scan (standard) or 10.4" active matrix TFT

**Dimensions:** 13" (330.2 mm) W; 17" (431.8 mm) D; 13" (330.2 mm) H

**Weight:** 40 lbs. (18.6 kg)

**Operating environment:** 0 to 50 C; up to 95% relative humidity (non-condensing)

**Diagnostics:** On-board voltage and temperature monitoring

**Power:** Universal input

\*Information subject to change without notice

## Hypertherm®

Hypertherm Automation  
5 Technology Drive, Suite 300  
West Lebanon, NH 03784 USA  
(P) 603-298-7970  
(F) 603-298-7977

[www.hypertherm.com](http://www.hypertherm.com)

© Copyright 8/07 Hypertherm, Inc. Revision 1  
891710

Hypertherm and Edge are trademarks of Hypertherm, Inc. and may be registered in the United States and/or other countries.