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®

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