

# **EDGE<sup>®</sup> Pro**

*Shape cutting control*



***Easy, Reliable, Performance***

**Hypertherm<sup>®</sup>**

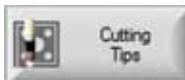


## ***EDGE Pro shape cutting control***

The EDGE Pro CNC builds on more than 40 years of Hypertherm's experience in the cutting industry. Designed to be flexible and easy to use, the EDGE Pro delivers reliable performance for improved profitability. Using Phoenix® software, this CNC improves cut quality and productivity by delivering our expertise directly to your factory, making it as if you have your best operator on every shift.

### **Easy**

- Using the CutPro™ Wizard new operators can be ready to cut production parts in less than 5 minutes.
- Built-in two-station operator's console, with tactile joystick, speedpot, and torch position control for easy operation.
- Network and USB access for part program loading and software updates.
- Built-in help and cutting optimization tips for improving table performance and process outcomes on demand.



### **Reliable**

- Durable glass touchscreen utilizing surface acoustic wave technology.
- Air cooling to reduce stress on electronic components without dust ingress.
- Designed and stress tested to ensure consistent operation in the harsh plasma cutting environment.
- Intuitive hardware service kit helps rapidly isolate system errors.



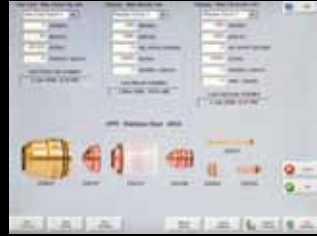
- Hinged doors and removable panel for convenient component access.
- 2-year warranty standard.

## Phoenix software

Hypertherm's proprietary Phoenix software is the core operational interface and is common across the entire Hypertherm family of CNC systems. The software is designed specifically for the X-Y and bevel cutting market.

Key benefits include:

- Integrated communications to plasma and torch height control systems for automated and expert control of the cutting process.
- Built-in cut charts for automatically setting process parameters for mild steel, stainless, and aluminum to enable consistently optimized cutting performance.
- Wizards and diagnostic support tools that enable easy setup, use and rapid troubleshooting.



## Serviceability: Remote Help

Remote Help is an internet based tool that allows the table manufacturer (and Hypertherm, if needed) to be virtually in your factory within minutes. CNC, plasma system and cutting table diagnosis and repair can often be accomplished without an on-site visit. This means that cutting tables can be up and running quickly and without costly travel and wait time.

Remote Help features include:

- Fast and secure connectivity
- Safe remote access to the CNC to view and modify setups
- Secure and rapid transfer of files
- Up to 15 parties can join the same session
- Ability to conduct HyPerformance® Plasma diagnostics remotely
- Useful for technical training
- Free access for all parties



## Performance

Through years of cutting experience, Hypertherm engineers have learned the critical parameters to achieve superior quality performance on every part.

- Critical plasma, THC and table parameters can be controlled in the part program using Part Program Support (PPS) for repeatable cut quality.
- Cutting applications include high definition, conventional, duct cutting, single- or dual-bevel plasma capability, oxyfuel, laser, and waterjet.
- Watch Windows enable on-screen real-time monitoring of key process performance parameters while cutting.
- Custom cut charts can be created and controlled in the part program or made available to the CutPro Wizard.
- Support for fast transitions from marking to cutting.



## Flexible configurations

The EDGE Pro offers multiple back-door interfaces for table manufacturer integration. Providing three analog choices and one SERCOS version, the EDGE Pro interfaces allow the table manufacturer to configure the CNC to match the table design.



Interface options	HyPath™ analog	SERCOS digital	Picopath analog
Axis count	2 – 6	2 – 12	2 – 4
Inputs / Outputs	24/24 or 48/48	512/512	12/12
Sensor®THC	0 – 2	0 – 6	0 – 2

The Micropath interface is also available.

## Standard features

Operating system	Windows® XPe
Hard drive	SATA drive
Display	15" glass touchscreen (surface acoustic wave technology)
Memory	≥1GB
USB interface	Two USB 2.0 ports
Dimensions	435 mm (17.125") W; 463 mm (18.22") H; 316 mm (12.43") D
Temperature range	-10° C to 40° C ambient (14° F to 104° F ambient)
Warranty	Two-year warranty standard
Regulatory compliance	CE, CSA
Operator's console	Two-station Opcon standard
Operating voltage and frequency	100 – 240V, 50/60 Hz
Software utilities	Part Program Support (PPS), Remote Help, networking, Autogas support, DXF import, and simple shape nesting

**Download Hypertherm's free demo software at [www.hypertherm.com](http://www.hypertherm.com).**

Contact your local Hypertherm Sales Manager for additional information on Hypertherm automated solutions.

# Hypertherm®

**Hypertherm, Inc.**  
Hanover, NH 03755 USA  
603-643-3441 Tel

**Hypertherm Europe B.V.**  
4704 SE Roosendaal, Nederland  
31 165 596907 Tel

**Hypertherm (Shanghai) Trading Co., Ltd.**  
PR China 200052  
86-21 5258 3330 /1 Tel

**Hypertherm (S) Pte Ltd.**  
Singapore 349567  
65 6 841 2489 Tel

**Hypertherm (India) Thermal Cutting Pvt. Ltd.**  
Chennai, Tamil Nadu  
91 0 44 2834 5361 Tel

**Hypertherm Brasil Ltda.**  
Guarulhos, SP - Brasil  
55 11 2409 2636 Tel

**Hypertherm México, S.A. de C.V.**  
México, D.F.  
52 55 5681 8109 Tel

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

Hypertherm, EDGE, Voyager, HyPerformance, Phoenix, Sensor, HyPath and CutPro are trademarks of Hypertherm, Inc. and may be registered in the United States and/or other countries. All other trademarks are the property of their respective owners.

© 7/09 Hypertherm, Inc. Revision 0  
870750