

# ***MicroEDGE<sup>®</sup> Pro***

***Shape cutting control***



***Easy  
Reliable  
Customizable  
Performance***

***Hypertherm<sup>®</sup>***



Process and application flexibility for maximum productivity and profitability

## MicroEDGE Pro shape cutting control

The MicroEDGE Pro CNC brings Hypertherm's latest hardware and Phoenix® software technology to a product that is customizable for a wide variety of applications. Designed for reliability and ease of use, the MicroEDGE Pro improves cut quality, productivity and profitability by delivering Hypertherm's cutting process expertise directly to your factory. It is as if you have your best operator on every shift.

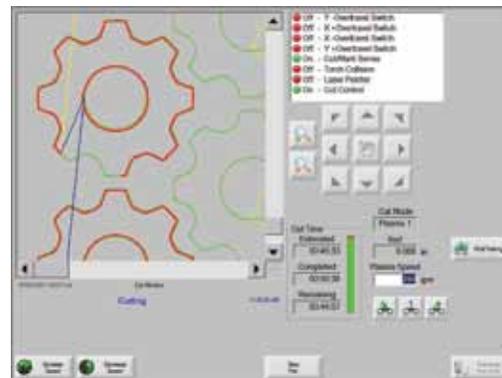


### Easy to use

- Using the CutPro® Wizard, even new operators can be ready to cut production parts in less than five minutes.
- Cutting optimization tips, consumable change instructions and Hypertherm plasma, CNC, and THC manuals are available in multiple languages at the touch of a button.
- Integrated communications with plasma and torch height control systems deliver automated and expert control using installed factory or custom cut charts.

### Reliable

- Engineered and tested using the same proven design process as the EDGE Pro CNC for superior reliability and consistent operation in harsh cutting environments.
- Air cooled with no dust ingress to reduce stress on components.
- Two-year warranty.



Hypertherm's proprietary Phoenix software is the core operational interface and is common across the entire family of CNCs. The software is designed specifically for the X-Y and bevel cutting market. Through years of cutting experience, Hypertherm engineers have learned the critical parameters to achieve superior quality performance on every part.



## Serviceability

- Remote Help™ quickly enables CNC, plasma system and cutting machine diagnosis and repair over the internet reducing the need for on-site visits.
- Ability to conduct HyPerformance® Plasma, Powermax® plasma, and HyIntensity™ Fiber Laser diagnostics at the CNC.
  - Worldwide network of Hypertherm service engineers available as needed to support cutting machine manufacturer service personnel.
  - Built-in oscilloscope function for system diagnostics.
  - Intuitive hardware service kit helps rapidly isolate system errors.



Wireless network interface



Optional diagnostic service kit

## Customizable

- Flexible CNC design approach enables cutting machine design options to meet the needs of today's complex systems.
- Cutting machine user manuals can be added for easy access to critical information.
- Configurable Watch Windows enable on-screen real-time monitoring of key performance parameters while cutting.

## Performance

- Critical plasma, THC and cutting machine parameters can be controlled in the part program using Part Program Support (PPS) for optimal and repeatable cut quality.
- Hardware and software designed for a broad range of processes such as oxyfuel, laser, waterjet, tube/pipe and plasma cutting, including pipe and bevel cutting applications.
- True Hole™ technology enabled performance with process verification ensures all operator variables are properly set.
- ArcGlide® THC or HyIntensity Fiber Laser connectivity via Hypernet® communication for easy setup and operation.



## Flexible configurations

The MicroEDGE Pro offers multiple back-door interfaces for cutting machine manufacturer integration or field upgrades for existing cutting machines. CNC size, connector layout and mounting is consistent with earlier models to allow the manufacturer to configure the CNC to match the cutting machine design and functionality.



Interface options	HyPath™ analog	SERCOS II digital	Picopath analog
Axis count	2 – 4	2 – 12	2 – 4
Inputs / Outputs	24 positive logic inputs and 24 relay outputs	512 digital inputs and 512 digital outputs	12 negative logic inputs and 12 negative logic outputs
Sensor™ THC interface	0 – 2	0 – 8	0 – 2
ArcGlide THC interface	0 – 4 via Hypernet	0 – 4 via Hypernet	0 – 4 via Hypernet
Wireless networking	Standard	Standard	Optional

## Standard features

Application Software	Phoenix shape cutting control software
Operating system	Windows® XPe
Display and keyboard	Customer supplied – touchscreen and standard LCD supported
Communication ports	Ethernet LAN, Hypernet, USB and RS-232/422/485 isolated serial
Dimensions	239 mm (9.4") high x 465 mm (18.3") wide x 335 mm (13.2") deep
Temperature range	-10° C to 40° C ambient (14° F to 104° F ambient)
Warranty	Two-year warranty
Regulatory compliance	CE, CSA, GOST-R
Operating voltage and frequency	100 – 240 V, 50/60 Hz
Software utilities	Part Program Support (PPS), Remote Help, networking, Autogas support, DXF import, and simple shape nesting

# Hypertherm®

**Cut with confidence®**

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