



MicroEDGE® Pro

Shape cutting control



Easy, reliable, customizable performance

The MicroEDGE Pro CNC brings Hypertherm's hardware and Phoenix™ control 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.

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.



Easy to use

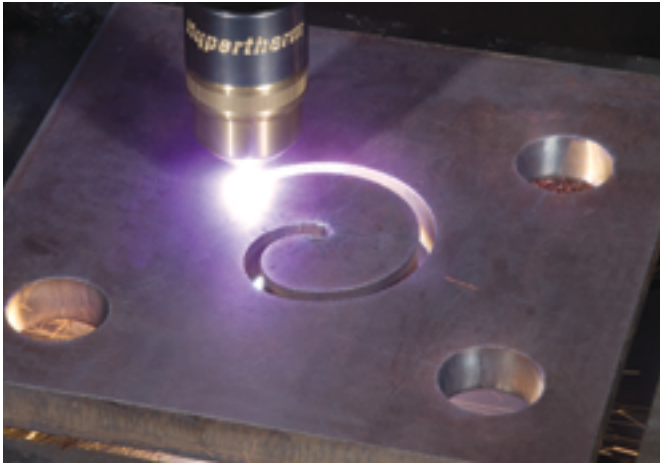
- Using the patented CutPro® Wizard, even new operators can be ready to cut production parts in less than five minutes
- LAN/Wireless Network and USB access for part program loading and software updates
- One touch access to supporting documentation including cutting optimization tips, consumable change instructions and diagnostic tools in multiple languages
- Wizards and diagnostic support tools that enable easy setup, use and rapid troubleshooting
- Integrated communications with plasma and torch height control systems deliver automated and expert control using installed factory or custom cut charts



Reliable

- Designed and stress tested to ensure reliable and consistent operation in harsh cutting environments
- Optional industrial glass touchscreen utilizing surface acoustic wave technology for superior reliability and consistent operation in harsh cutting environments
- Air cooling to reduce stress on electronic components without dust ingress
- Hypertherm cutting systems, CNC, and THC manuals are available in multiple languages at the touch of a button.
- 2-year factory warranty



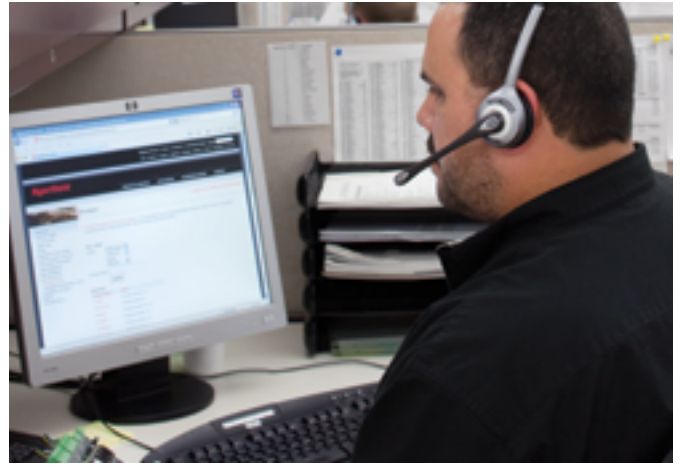


Performance

- Critical process, THC and cutting machine parameters can be controlled in the part program using Part Program Support (PPS) for optimal and repeatable cut quality every day, every shift
- Hardware and software designed for a broad range of processes such as oxyfuel, laser, waterjet, marking and plasma cutting, including tube/pipe and bevel cutting applications
- Hypertherm CNCs enable Built for Business™ technologies including True Hole®, True Bevel™, Rapid Part™, consumable life optimization, built in Hypertherm expertise and Remote Help™

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 process performance parameters while cutting
- Custom cut charts can be created and controlled in the part program or made available to the CutPro Wizard



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, HyIntensity™ Fiber Laser and HyPrecision™ Waterjet diagnostics at the CNC
- Worldwide network of Hypertherm service engineers available as needed to support cutting machine manufacturer service personnel
- Intuitive hardware service kit helps rapidly isolate system errors
- Built-in oscilloscope function for system diagnostics



Flexible Configurations

The MicroEDGE® Pro offers multiple back-door interfaces for cutting machine manufacturer integration or field upgrades for existing cutting machines.

- Regulatory certifications: C-Tick, cCSAus, CE, GOST-R and UkrSEPRO

Plasma torch height control options

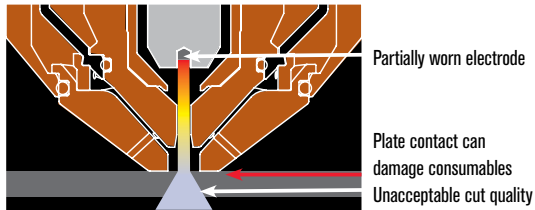
Traditional torch height controls require operators to periodically adjust arc voltage to ensure proper cut height. Using Hypertherm's proprietary techniques, both the Sensor™ THC and the ArcGlide® THC continuously sample arc voltage and automatically adjust arc voltage for proper torch height over the life of the consumables without requiring operator input.

THC features include:

- Minimal operator input
- Sample arc voltage
- Rapid Part technology
- Programmable transfer, pierce, and cut height
- Automated IHS using ohmic contact or stall force
- Part Program Support (PPS)
- Torch breakaway options including collision detection
- Built in diagnostics

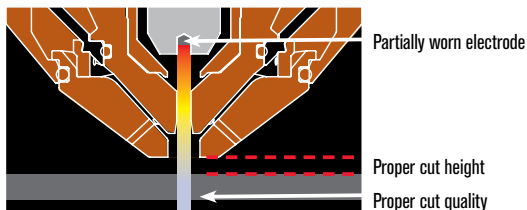


Improper cut height due to not adjusting arc voltage for electrode wear



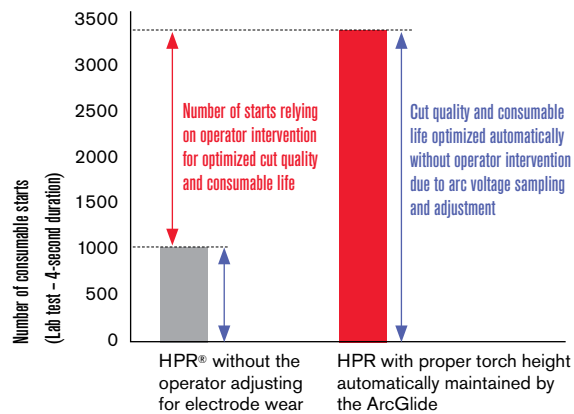
Consumables discarded prematurely

Proper cut height automatically maintained by the THC



Consumable life and cut quality optimized

Number of consumable starts with < 0.25 mm (0.010") deviation from proper cut height without operator intervention (130 A) 12 mm (1/2") mild steel



For a location near you, visit:
www.hypertherm.com

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One of Hypertherm's long-standing core values is a focus on minimizing our impact on the environment. Doing so is critical to our, and our customers', success. We are always striving to become better environmental stewards; it is a process we care deeply about.

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