

Hypertherm[®]

Mechanized Systems Team

Introducing HyPerformance[®] Plasma

HPR400XD[®]

with PowerPierce[™] shield technology enabling extreme piercing capability

**2" or 50mm
Production
Pierce**



The First in a New Generation of HyPerformance Plasma!

Hypertherm is excited to unveil our newest HyPerformance Plasma system at this year's Fabtech show in Las Vegas and Euroblech show in Hannover Germany.

Building on the market leading HyPerformance HPR130 and HPR260, this new system introduces several new capabilities including higher amperage with faster cutting speeds and increased thickness capabilities!

What is New?

New HyPerformance (HPR) Power Supply

- 400 amperage
- Auto calibration for improved current accuracy

New Auto/Manual Gas Consoles

- Addition of Argon capabilities for improved marking
- Same interface with additional commands required to support new processes and 400 amp power supply.

New RHF Console

- Larger strain relief for 400 amperage

New Cooler

- Intelligent design that provides status and diagnostics to the power supply

New Torch & Leads

- New shield technology
- Ohmic tab integrated into the torch body

eXtreme HyDefinition



What are the Benefits?

Productivity & Capacity – Fastest, Thickest HyPerformance Plasma on the Market!

- Patent pending PowerPierce technology enables industry-leading production piercing capability that is up to 60% thicker (2" or 50mm mild steel) than other system offerings.
- Patented consumable design delivers HyDefinition cutting at speeds 30% faster than the HPR260.

Operating Costs – Lowest Operating Costs on the Market!

- Patented LongLife technology delivers incomparable HyDefinition cut quality at an operating cost of up to 50% less than any systems available on the market.

Cut Quality & Consistency – Superior Cut Quality Over the Longest Period of Time!

- Patented system technologies deliver consistent HyDefinition cut quality over the longest period of time.
- Hypertherm consumables are manufactured with the highest quality standards and latest patented technology to ensure consistent cut quality and longer life.
- Improve thin Stainless Steel quality (10 GA to ¼" or 3mm to 6mm).

Process Flexibility – Greatest Flexibility Offered in a Hypertherm System!

- 30 to 400 amp process range enables HyDefinition cutting from gauge to 80mm thick material.
- Unmatched process flexibility to cut and bevel up to 45 degrees (up to 3.2" or 80 mm thick).
- The addition of an Argon process provides improved marking capabilities.
- Marking and cutting can be done with the same consumables.

Enhancements Based on Customer Feedback

- Ohmic tab integrated into the torch
- Easier to connect leads
- Coupler strength improvement
- Argon capabilities for improved marking.
- Enhanced patent protection on 400 amperage consumables
- System strap lifting kit
- New air filter on the gas console

Key Messages

1. **Fastest, thickest HyPerformance Plasma on the market!**
2. **Lowest operating costs on the market!**
3. **Superior cut quality over the longest period of time!**
4. **Greatest flexibility offered in a Hypertherm system!**



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