

# Hypertherm®

## HyPerformance® Plasma HPRXD®

Bevel applications



HyPerformance Plasma delivers consistently superior HyDefinition® cut quality and productivity at half the operating costs making it the choice for bevel applications.

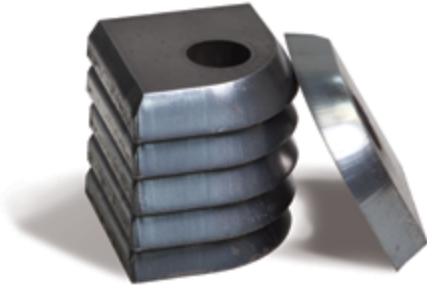
Hypertherm has spent more than four decades developing over 100 patented plasma technologies to provide customers with exceptional performance they can count on. The HPRXD product line has clearly become the plasma system of choice for customers seeking bevel capabilities and who demand the most consistent cut quality, highest productivity, lowest operating cost and unmatched reliability.

Hypertherm's SureCut™ technology offers True Bevel™ technology, a new performance application for mild steel. Factory tested and easily implemented, it takes the guesswork out of the plasma bevel-cutting process. With True Bevel, setups for new jobs are quick and results are accurate.

# HyPerformance® Plasma engineered for bevel applications

## Robust leads designed for bevel applications

- Integrated strain relief with rotational flexibility for improved robustness in high flex applications.
- Leather overwrap option for greater protection against molten spatter.
- Easy to install and replace leads with a single connection requiring a tool
- Available in a variety of lengths down to 1.8 m (6').



## Torch sleeve

- Standard torch sleeve lengths available in 114 mm, 181 mm, and 248 mm (4.5", 7" and 9.75") for easy integration in a variety of bevel applications.
- 114 mm (4.5") torch sleeve option with a patented integrated bearing design that delivers infinite rotation in bevel applications.

## Laser pointer

- Mounts directly to the torch sleeve to provide accurate positioning and alignment of the laser beam to the tool center point.
- For use in online programming/teaching and robotic alignment systems.

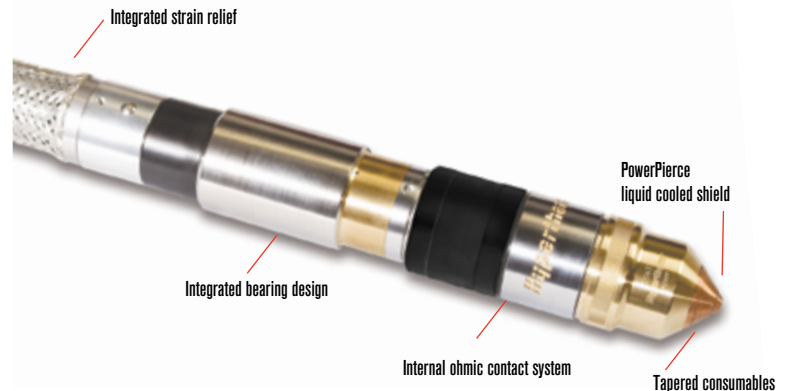


## True Bevel™ technology for mild steel

- Setup time and scrap material are greatly reduced for new job setup due to reduced trial and error.
- Bevel cut sequence recommendation is provided for improved accuracy and consistent quality.
- Scalable parameter tables with embedded equations allow users to add new angles with ease.
- True Bevel technology works with all common bevel head designs and covers V, A, and Top-Y style cuts for mild steel.

## Torch and consumables

- Patented PowerPierce™ liquid cooled shield technology repels molten material during piercing and cutting to improve shield life.
- Torch and consumable design provides exceptional positional accuracy of the tool center point relative to torch mounting location for maximum repeatability in the cutting process.
- Internal ohmic contact system delivers integrated work piece positioning and eliminates the need for dedicated sensing.
- Tapered bevel consumables from 80 A–400 A deliver improved access into angles and corners for applications ranging from 2 mm to 80 mm (0.075" to 3.2") thicknesses.



For location nearest you, visit:  
[www.hypertherm.com](http://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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