

# Hypertherm®

## XD technology upgrade kit

for HyPerformance® Plasma HPR130® and HPR260®

### SECOND LIFE



#### Hour 1

Remove old torch and leads, open and clean system.



#### Hour 2

Install new board, evaluate system components and finish cleaning.



#### Hour 3

Install new torch and leads, configure new settings in the CNC.



#### Hour 4

Perform test cutting and optimize the cutting process.



In four short hours, give your HPR plasma cutting system a Second Life with the XD technology upgrade and system optimization

Hypertherm's XD technology upgrade includes a new XD control board, push-connect gas fittings, leads, upgraded torch and consumable technologies and a visit from a trained technician who will clean, maintain and upgrade your HPR cutting system optimizing your cutting process and giving a second life to your cutting operation.

#### Customers who have made this upgrade report:

- Improved cut angularity – especially on holes
- Improved consumable life
- Increased piercing capability through PowerPierce® technology
- Consistent cut quality over the life of consumables
- The XD torch is more robust than the standard HPR torch

# Hypertherm customers experience improved performance and reliability with lower cost of cutting with XD technology.

## Improved angularity

Customers who have upgraded to XD technology report less angularity, particularly on holes throughout the life of the consumables. Cut angularity is a major trigger for replacing consumables, often before the consumables are fully worn.

## Consistent quality over life

More consistent cut quality over the life of the consumables has been observed by customers who have upgraded to XD technology. In addition to improved angularity, they report less spatter on the torch and shield, dross-free cutting and overall excellent cut quality.

## Consumable life

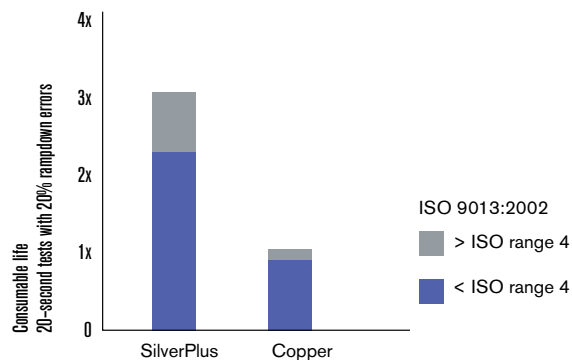
XD upgraded customers indicate an improvement in consumable life with the greatest improvement being seen when cutting 20 to 25 mm mild steel at 260 amps. Customers whose systems were not optimized experienced the greatest increase in consumable life.

## SilverPlus® technology

In production, customers using SilverPlus electrode technology experience, on average, a doubling of life of the electrode and nozzle compared to using standard copper electrodes.

### Average cut quality over life (80–260 A)\*

Oxygen 20/20 parts life and cut quality, 10 to 20 mm mild steel



\*Data from HyPerformance® HPRXD® 80–260 A, HSD130® and HyPro2000® lab testing. Production results may vary.

The cut quality ranges, shown in these test results, meet the ISO 9013:2002 industrial standard that defines cut quality of thermally cut parts. The lower the range, the smaller the angle on the cut face.

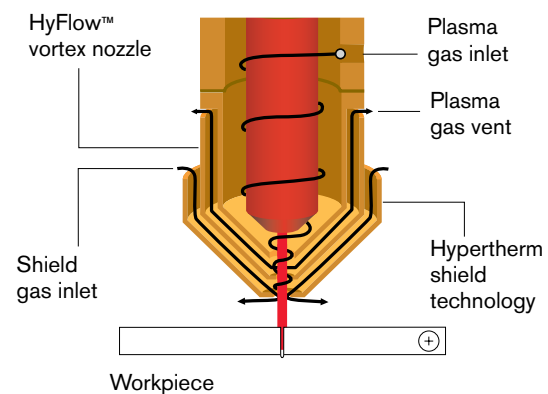
## Thicker piercing capability

### PowerPierce® technology

- Patented PowerPierce liquid cooled shield technology repels molten metal during piercing allowing mild steel production pierce of 32 mm with HPR130XD and 38 mm with HPR260XD.

### HDI™ thin stainless steel technology

- Brings HyDefinition® cutting technology to thin stainless 3 mm to 6 mm.
- Delivers extremely sharp top edge quality, shiny surface finish, and superior angularity with reduced angle variation.
- Advanced torch and consumable technologies deliver more consistent cut quality for the duration of consumable life.



## Professional installation:

Your Second Life XD upgrade includes an on-site visit by a trained technical service engineer who will install the upgrade, perform necessary maintenance, adjust settings and optimize your cutting process.

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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