

# Hypertherm®

## SilverPlus®

Selection guide for mechanized systems

Compatible with:

HT4400®

HT4001®

HT4000®

HT2000®

MAX200®

HD3070®

HSD130®



SilverPlus is a proven electrode technology that dramatically extends consumable life significantly reducing operating costs.

On average, SilverPlus electrode technology doubles the life of the electrode and nozzle in most applications by allowing the electrode to burn deeper and preserving the size and shape of the nozzle orifice.

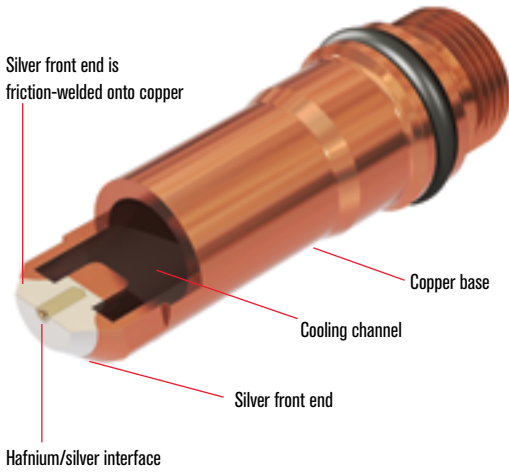
The friction welded silver-copper bond is near forge quality giving the best possible electrical and thermal conductivity which maximizes performance and consistency.

As the recognized global leader in plasma cutting, Hypertherm incorporates the latest engineered and patented technologies into all consumable products.

Hypertherm consumables are designed with critical-to-function tolerances to deliver the best quality product every time. Precision manufacturing of consumables assures consistency of parts set to set.

## How the technology works

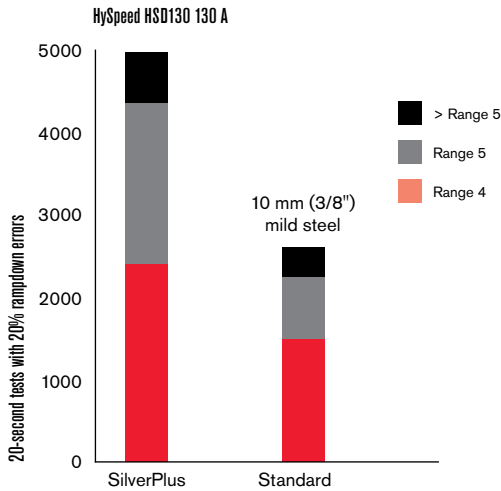
SilverPlus® electrodes utilize a hafnium/silver interface at the point of electrical transfer. The hafnium/silver interface extracts more heat and has a stronger bond, enabling a deeper pit depth in the hafnium. This means that you will get double the life compared to standard copper electrodes.



## Maximize SilverPlus life

Adjust arc voltage: As a SilverPlus electrode wears, the torch will get closer to the plate. To maintain optimum cutting height and maximize the life of the electrode, increase arc voltage in 5-volt increments, up to 20 volts higher than the initial setting.

## Oxygen 20/20 parts life and cut quality (Cut quality over life of consumables)



System	Amperage	Part number
HT4400®	200-400 A	220412
HT4001®	260 A	220397
HT4000®	400 A	220397
HT400®	400 A	200397
HSD130®	130 A	420185
HT2000®	200 A	220084
HT2000® with HyPro2000™ torch	200 A	220925
HT2000® with HyPro2000™ torch	130 A	420185
MAX200®	200 A	220083
HD3070®	100 A	220408

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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**Hypertherm®**  
**Cut with confidence®**

