



## Consumables for mechanized plasma cutting systems



Centricut consumables lower your cost of cutting, maximize productivity and deliver excellent cut quality

Centricut plasma consumables cover a wide variety of cutting systems including:

- ESAB®
- Kaliburn®
- Kjellberg®
- Koike®
- Komatsu®
- Victor®

Improved performance + competitive price = substantially lower cost of operation

- Longer life
- Exceptional cut quality
- Fast cutting speeds
- High quality consumables
- Consistent performance – set to set
- Quick-change torch technology

# Technology enhancements

Hypertherm® technology and quality drive superior performance of Centricut® consumables



## SilverLine® electrode technology

- Slows wear
- Maximizes usage
- Extends electrode life

Through the use of solid state welding technology and optimized coolant flow, SilverLine technology slows the wear of hafnium, the material which produces the plasma arc, by more efficiently removing heat from the electrode. By maximizing the silver-hafnium interface and optimizing the geometry of the silver, Centricut SilverLine electrodes can be used 25 to 300% longer than other silver-copper and all-copper electrodes.

## CoolFlow™ nozzle technology

- Maintains orifice shape and size
- Reduces torch leaking
- Extends nozzle life and improves cut quality

Every plasma operator will tell you that the most common nozzle failure is when the orifice goes out of round. Maintaining nozzle orifice shape and size directly impacts nozzle life and cut quality. CoolFlow technology utilizes improved cooling features and optimizes gas flows to preserve orifice size and shape longer than any other nozzle available. O-ring placement on CoolFlow nozzles reduces torch leaking which can cause consumable and torch failure.



# Centricut technology advantage

OEM	Torch	Systems	Technology	Advantage
ESAB®	PT-36, PT-36R	M3, EPP, ESP	SilverLine® electrode	Up to 2 times life
			CoolFlow™ nozzle	Up to 2 times life
	PT-24	Precision Plasmarc	SilverLine® electrode	Up to 2 times life
	PT-15XL	PCM and ESP	SilverLine® electrode	Up to 2 times life
	PT-19XL	PCM and ESP	SilverLine® electrode	Up to 2 times life of XL
	PT-19XLS	PCM and ESP	SilverLine® electrode	Up to 2 times life of XL
	PT-600	PCM and ESP	SilverLine® electrode	Up to 2 times life of XL
	Heavy duty for PT-600 and PT-19XLS	PCM and ESP	SilverLine® electrode	Up to 30% longer life
			CoolFlow™ nozzle	Compared to UL
	XP3 for PT-600 and PT-19XLS	PCM and ESP	SilverLine® electrode	Up to 2 times life
			CoolFlow™ nozzle	25% faster cutting
			MultiPort shield	Improved cut quality
Kaliburn®	FineLine 200	FineLine 150PC, 200PC	SilverLine® electrode	Up to 2 times life
	ProLine	ProLine 2150, 2200, 2260	SilverLine® electrode	Up to 2 times life
			CoolFlow™ nozzle	Improved cut quality
	Spirit	Spirit 150a, 200a, 275a, 400a	SilverLine® electrode	Up to 3 times life
			CoolFlow™ nozzle	Improved cut quality
	Spirit II	Spirit 150, 275, 400	SilverLine® electrode	Up to 3 times Life
Kjellberg®			CoolFlow™ nozzle	Improved cut quality
	PB-S70/75/77	PA-S70,S75, FineFocus 800,900	SilverLine® electrode	Price and quality
			CoolFlow™ nozzle	Price and quality
	PerCut 210M	HiFocus 130/160i/161i	SilverLine® electrode	Price and quality
			CoolFlow™ nozzle	Price and quality
	PerCut 101	HiFocus 100	SilverLine® electrode	Price and quality
	PerCut 160/170	HiFocus 130/160i	SilverLine® electrode	Price and quality
	PB-S80	FineFocus 800 Plus	SilverLine® electrode	25% longer life
			CoolFlow™ nozzle	25% longer life
	PerCut 370.1	HiFocus 280i/360i/440i	SilverLine® electrode	Price and quality
	PerCut 370.2	HiFocus 280i/360i/440i	SilverLine® electrode	25% longer life
			CoolFlow™ nozzle	25% longer life
Koike®	PerCut 450M	HiFocus 280i/360i/440i	SilverLine® electrode	Price and quality
			CoolFlow™ nozzle	Price and quality
	Super-400 Plus	Super-400 Plus	SilverLine® electrode	Up to 1.5 times life
Komatsu®			CoolFlow™ nozzle	Up to 1.5 times life
	Razor 40	Razor 40	CoolFlow™ nozzle	40% life increase
	Razor 90/120	Razor 90/120	SilverLine® electrode	Up to 2 times life
		Razor 90/120	CoolFlow™ nozzle	Up to 2 times life



# Centricut quick-change torches deliver increased performance, productivity and reliability to your cutting process

Upgrade today to a better cutting experience with the Centricut quick-change torches

- Superior replacement torches for ESAB and Kaliburn mechanized cutting systems
- Multiple pre-loaded torch heads allow operators to be ready for their next cutting job
- Competitively priced as compared to OEM

## Centricut torch features:

### Hypertherm engineering

Designed with proven materials and components by Hypertherm for optimal torch performance.

### Two-piece design

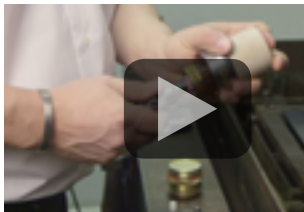
Detachable torch heads makes consumable maintenance and replacement quick and easy.

### Compatibility

With the exception of the retaining cap on our Centricut ESAB quick-change torch, our torches are compatible with Centricut or OEM consumables.

### Easy installation

Check out our installation video links below. Our torches are easy to install and fully compatible with OEM cut settings.



Centricut ESAB torch installation video

[www.hypertherm.com/Etorchinstall](http://www.hypertherm.com/Etorchinstall)



Centricut Kaliburn torch installation video

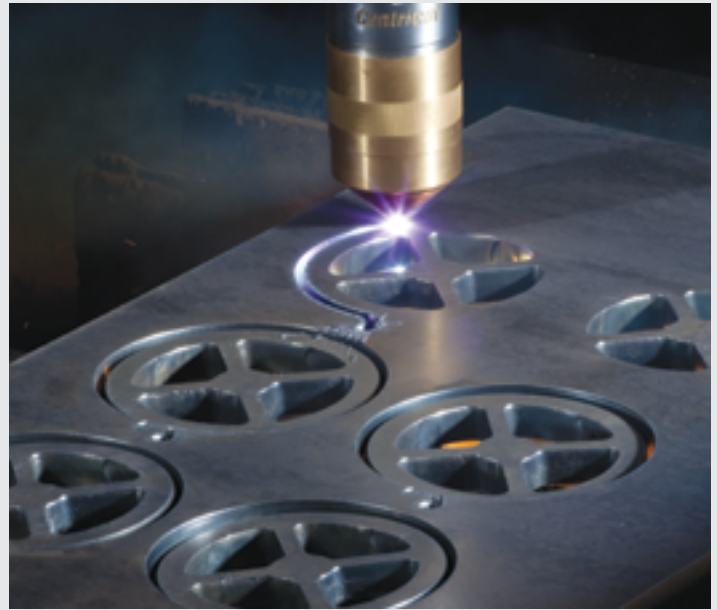
[www.hypertherm.com/Ktorchinstall](http://www.hypertherm.com/Ktorchinstall)



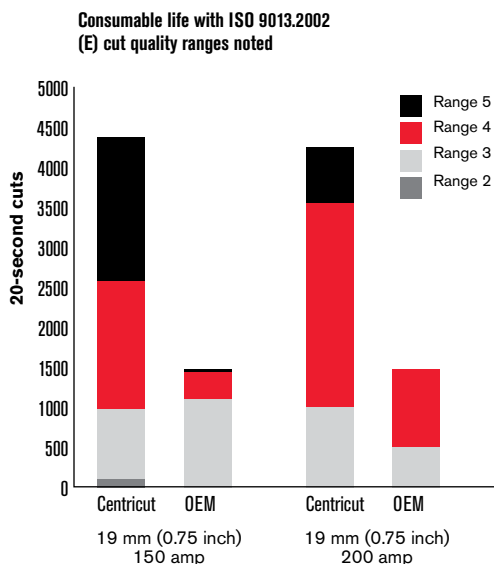
# Cut with confidence – it's Hypertherm

Backed by Hypertherm technology, product quality and world-class customer support, Centricut plasma consumables deliver reliability to your process at a lower cost.

- As the recognized global leader in plasma cutting, Hypertherm® incorporates the latest engineered and patented technologies into all consumable products.
- 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.
- World-class plasma-process technical support.
- Easy to use – no special system set up required.

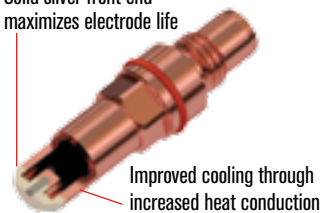


Our consumables for Kaliburn® Spirit represent the superior performance and outstanding quality customers experience with Centricut® products



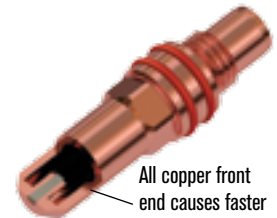
## Centricut SilverLine® electrode

Solid silver front end maximizes electrode life



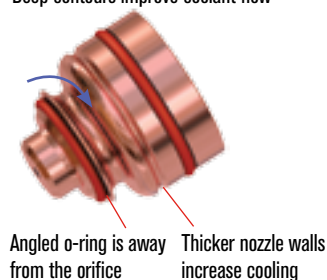
## Kaliburn electrode

All copper front end causes faster electrode wear



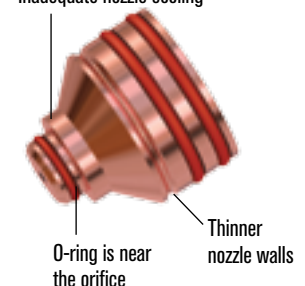
## Centricut CoolFlow™ nozzle

Deep contours improve coolant flow



## Kaliburn nozzle

Inadequate nozzle cooling





## Technical support and optimization for every stage of your cutting process

Our technical service team can answer questions about any plasma cutting system. Our experts can assist you with troubleshooting, cutting optimization or general questions on plasma arc cutting.

- We stand behind our products with industry-leading technical expertise.
- Hypertherm trained engineers and technicians on staff with over 50 years of combined cutting experience.
- Free application support on all CNC plasma cutting systems



# Nearly 50 years of Shaping Possibility

With the right tools and a relentless focus on innovation, partnership and community, we believe anything is possible.

At Hypertherm®, we give shape to our customers' vision with the world's leading industrial cutting solutions. Every day we help individuals and companies around the world envision better, smarter and more efficient ways to produce the products that shape our world. So whether you're cutting precision parts in North America, constructing a pipeline in Norway, fabricating agricultural machinery in Brazil, gouging out welds in the mines of South Africa, or building a skyscraper in China, you can count on Hypertherm to help you not just cut parts but achieve your vision.

## 100% employee ownership matters

At Hypertherm, we aren't just employees: we're all owners. Ownership is a powerful motivator that ensures our customers are our top priority. As owners, we make sure every product is built to the highest quality and that our service is second to none. And we build long-term relationships that deliver value for us, our partners and our customers.

## Worldwide presence and strength

Hypertherm is a key partner for your fabrication needs and has built a global organization focused on providing high-performance cutting solutions.

## Key elements of the Hypertherm formula include:

- Dedicated Associates focused on customer-centered product design and support
- Local sales and service
- Broad application experience and proven results
- Sustainable and ethical business practices benefit our customers and communities

Hypertherm wall of patents



For more information on Centricut products, visit  
[www.hypertherm.com/centricut](http://www.hypertherm.com/centricut)

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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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