



Hypertherm[®]

Centricut CO₂ laser consumables

Reduce costs with Centricut CO₂ laser consumables

Highest quality products

- OEM quality
- OEM approved optics
- 100% satisfaction guarantee

Lower your overall cutting costs

- Competitively priced compared to OEM
- Local stock and support
- Innovative products

Laser cutting expertise

- Technical and application support
- All major OEM equipment supported
- Over 25 years experience



For all major OEM brands

Centricut CO₂ laser consumables provide the same quality you receive from the OEM at a lower cost

NOZZLES

We offer nozzles for all major CO₂ laser cutting systems, and with continuous updates to our product offering, are able to provide the latest products and innovations to our customers.

- Hypertherm manufacturing quality
- Value priced
- Guaranteed OEM compatibility
- Extensive product lines
- Ceramics and nozzle holders
- Standard and chrome plated
- Available for contact and non-contact height regulation systems



LENSES

In partnership with II-VI Infrared, the world leader in CO₂ laser optics, we offer a complete line of focusing lenses including the impressive MP-5 ultra-low absorption lenses.

- OEM approved
- Highest quality raw materials
- Exacting quality standards
- Standard and low absorption
- Mounted and non-mounted
- Lens housings
- All standard focal lengths available



MIRRORS

In alliance with II-VI Infrared, we offer a complete line of beam delivery and cavity optics. These optics provide consistent beam quality throughout the entire working range.

- OEM approved
- Cavity, beam delivery, and cutting head optics
- Copper and silicon mirrors
- Total reflectors
- Phase retarders
- Maximum metal reflectors (MMR)
- Absorbing thin film reflectors (ATFR)
- Output couplers
- Rear mirrors
- Collimating optics



ACCESSORIES

Centricut offers a full line of laser cutting accessories providing a single point of purchase.

- Standard maintenance items
- Filters
- Optics cleaning supplies
- Breakaway plates
- Brushes
- Roller balls



Local stock and support is available through Hypertherm's extensive worldwide distribution network

Innovative laser cutting products that cut costs!

ULTRA-LOW ABSORPTION MP-5 LENS SPECIFICATIONS

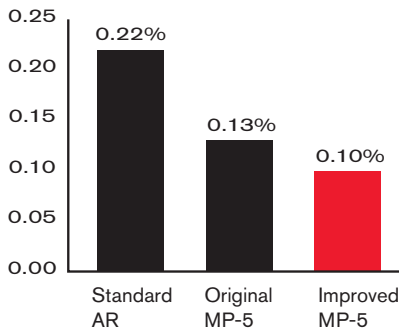
For high-power CO₂ lasers:

- Patented coating design for lower thermal distortion
- Visible transmission for reduced set up time
- Easy detection of thermally induced stress
- Specially coated zinc selenide (ZnSe) MP-5 lenses available in 1.5" and 2.0" diameters

Ultra-low absorption MP-5

- Typical absorption: < 0.10%
- Scratch-dig: ≤ 40 – 20
- Edge thickness variation: < 0.002"

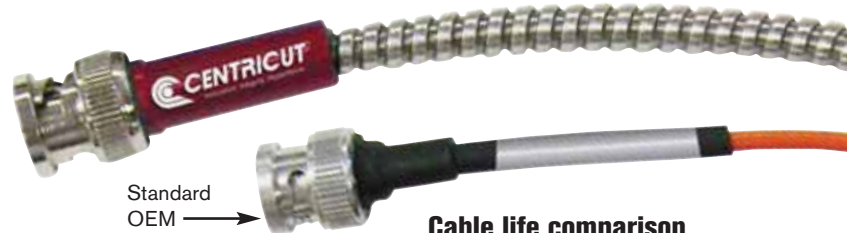
Typical absorption



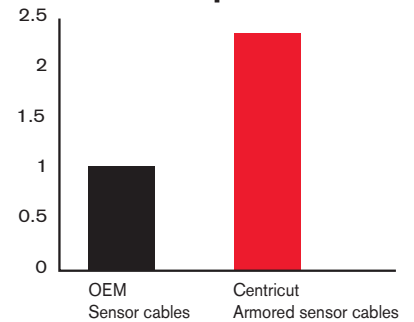
ARMORED SENSOR CABLES

Get the rugged toughness you need with Centricut armored sensor cables. Weaker designed cables require frequent changes, downtime and loss of production.

- Robust design
- Reinforced collar for longer life
- Extreme temperature rating (900° – 1200°F)
- Guaranteed to outlast OEM cables



Cable life comparison



SENSOR CONE REFURBISHMENT

Don't throw your money away by scrapping damaged cones!

Cut costs by refurbishing your sensor cones at a fraction of the cost.

- Fitted with new internal components and restored to factory specifications
- Backed by a one-year warranty
- Available for all major laser OEMs



BEFORE

AFTER

MANUFACTURING EXCELLENCE

Our consumables are machined to the highest quality standards to ensure optimal performance.

- Lean manufacturing principles
- State-of-the-art manufacturing technology
- 100% satisfaction guarantee



Nozzles, optics, accessories, sensor cone repairs and cables are available for all major OEMs

Product is available for the following major OEM brands

Adige
Amada
Behrens
Bystronic
Cincinnati

Finn-Power
GHT-SHT
Haas
Haco
Hankwang

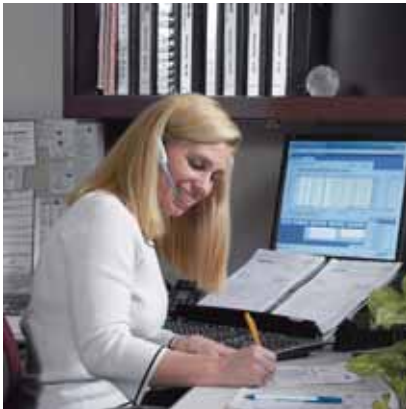
Laserdyne
Laser Lab
LVD
Mazak
Messer Griesheim

Mitsubishi
Murata Wiedemann
NTC
Precitec
Prima

Raskin
Rouchaud
Salvagnini
Strippit
Tanaka

Thyssen
Trumpf
Valfivre

CUSTOMER AND TECHNICAL SUPPORT



Customer service

- Our Call Center will help you locate the consumables and optics you need for your system.
- Our extensive cross reference list allows for easy identification of consumables.

Technical service

- OEM trained technicians on staff with over 25 years of experience.
- Free application support for all laser OEMs.
- We stand behind our products with industry-leading technical expertise.

**Contact your Hypertherm distributor or call
1-800-752-7623 for the location nearest to you.**

Hypertherm[®]

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- ★ Hypertherm headquarters
- Hypertherm sales and support facilities

Centricut CO₂ laser consumables
www.hypertherm.com