Made in USA

EPILOGLASER.COM
In 1988, Epilog Laser’s revolutionary systems opened the world’s eyes, not only to what could be accomplished with a laser, but also to how accessible a laser is to businesses, both large and small. We are innovators. We are engineers. We are problem solvers. We are committed to designing and manufacturing the highest-quality, fastest laser systems in the industry, right here from our global headquarters in Golden, CO, in the foothills of the Rocky Mountains.

Our worldwide presence continues to grow with corporate offices located in the Netherlands and Canada. We now have even more locations to provide you with the highest level of support and convenience. Contact us to schedule a hands-on demonstration from your local distributor and see how an Epilog Laser can benefit your business with the industry’s highest engraving speeds, the most-detailed etching, and fast, accurate cutting. Find out how an Epilog Laser can transform your business.
**ENGRAVE - CUT - MARK**

Electronics Engraving
Wood Engraving & Cutting
Mortise & Stone Etching
Engraved Nameplates & Desk Sets
Wedding Memorabilia
Glass Etching
Sporting Goods

**Holiday Ornaments**
**Corporate & Sporting Awards**
**Architectural Models**
**Greeting Cards**
**Guitar Inlays**
**Laptop Customization**
**Phone Customization**
**Photo Frames**
**Custom Pet Tags**

**3D Models**
**Inlaid Signage**
**Photo Engraving**
**Logo Engraving on Parts**
**Enameled Mirrors**
**Phone Albums**
**Engraved Denim Jeans**

**Logo Engraving on Parts**
**Enameled Mirrors**
**Phone Albums**
**Engraved Denim Jeans**

**Engrave**
**Cut**

- Acrylic
- Leather
- Metal
- Melamine
- Paper
- MDF
- Cork
- Stainless steel
- Titanium
- Bar lead metal

**Engraved Mirrors**
**Phone Etching**
And much more!

**CO2: Versatility**

**Fiber: Metal Etching**

Featuring an air-cooled ytterbium fiber laser source, these are the ideal systems for direct metal etching and marking, as well as marking engineered plastics.

**Compatible Materials:**
- Nickel-plated 125 mild steel
- Nickel-plated brass
- Nickel-plated gold
- Nickel-plated Kovar
- Nickel-plated steel
- Nylon
- PEI, white & glass filled
- Polybrite PTFE
- Polyethylene, black/white
- Polyethylene, color filled
- Polyethylene, white filled
- ABS (black/white)
- Aluminum 6061
- Aluminum, yellow chromate
- Anodized aluminum
- Brass
- Copper
- Delrin, colored (black/brown)
- DAP- Diallyl Phthalate
- Epoxy, glass filled
- Fiber glass
- Fiber reinforced plastic (FRP)
- GE Plastics polycarbonate resin
- Hard coat anodized aluminum
- Inconel metals (various)
- Iron-phosphate coating
- Machine tool steel
- Magnesium
- Manganese
- Molen 2807
- Makrolon
- Makrolon 2807
- Molybdenum
- Nickel-plated 125 mild steel
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- Nickel-plated gold
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CO2 lasers will mark bare metal only when coated with a metallic marking solution. For more info, call +1 303-277-1188.

CHOOSE YOUR LASER
Online Training
Register your machine at our free online training suite, training.epiloglaser.com and start learning the latest tips and tricks on project setup and more. Featuring walkthrough demonstrations of how to set up projects, articles on maintenance for your machine, and a thorough library of support videos, the Epilog Laser Training Suite is your online manual for learning how to make the most of your laser system.

IRIS™ Camera Positioning & Job Trace
Positioning your image for engraving has never been easier! The Fusion Pro’s IRIS™ multi-camera system shows your laser’s table on screen in the Laser Dashboard™, allowing you to precisely position your image on screen, then print to the laser. You can also use the camera at the laser head to recognize registration marks in your artwork for extremely precise engraving on preprinted pieces. To ensure your engraving is precisely positioned, run the instant Job Trace to see exactly where your image will be engraved on your product.

Fastest Engraving Speeds:
Up to 165 IPS (4.2 m/s)
Higher-speed engraving means more throughput for your business. Epilog prides itself on creating machines with incredibly fast engraving times and the quickest turnaround speeds, while still providing the highest quality results. The Fusion Pro’s new motion control system allows the laser to reach a top speed of 165 IPS with 5g acceleration for the industry’s fastest engraving. Extremely robust motors and an industrially designed motion control system allow us to reach the highest engraving speeds while still providing the high-resolution you expect from an Epilog Laser.

Epilog Software Suite™
Epilog’s powerful software suite allows you to position your artwork and duplicate your image across the screen, and access our materials database quickly and easily. Save your files to the Job Manager and you can access any job you have ever sent to the laser. Organize your jobs, rerun projects, and more.
ZING LASERS

**ZING 16**
Small-size, entry-level laser system that is perfect for starting a business or operating out of your home, office, or school.
- 30 or 40 watt CO2 laser
- 16" x 12" x 4.5" (406 x 305 x 114 mm) work area
- Affordable pricing for the entry-level user

**ZING 24**
Larger work area and more features make this laser an affordable choice for those needing more features than an entry-level machine.
- 30, 40, 50, or 60 watt CO2 laser
- 24" x 12" x 7.75" (610 x 305 x 197 mm) work area
- Compatible with the Rotary Attachment
- Radiance™ Beam-Enhancing Optics for a smaller laser spot size across the table

**System Features**
- Made-in-the-USA Quality: Designed, engineered & built in Golden, CO
- Ezing Job Manager: Management & workflow software - easily organize, edit, save & print
- Laser Dashboard™: Set speed/power parameters & access more laser features
- CO2 Laser Tubes: Long-lasting metal/ceramic tubes for highest engraving quality
- Lens Rated to 500 Watts: Highest-quality lenses provide long life & higher resolutions
- High-Speed Stepper Motors: Faster stepper motors for high-resolution engraving
- 3D & Stamp Engraving Settings: Etch & cut stamps or create 3D curves while engraving
- Super-Silent™ Cooling Fans: Quiet operation suitable for office environments
- Air Assist: Remove heat & combustible gases from the cutting surface
- Raster/Vector Color Mapping: Change your speed & power by using color settings
- Networking Choices: USB & Ethernet connections
- Moveable Home Position: Engage odd-shaped items easily by setting a new home position
- Red Dot Pointer: Provides a visible laser beam to help position projects
- Easy-Access Drop-Down Door: Front access door for the laser system
- Radiance™ Beam-Enhancing Optics: Higher-resolution optics for detailed engraving
- Rotary Attachment Compatibility: Engrave cylindrical objects with the optional rotary attachment

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MINI & HELIX LASERS

MINI 24
Looking for a system with faster engraving times than the Zing Series, but still offers a small work area? The Eclipse Mini is a lasers are an ideal way to move into our faster servo motor machines.
- 12’ x 12’ x 5’ servo motion workspace
- 8 KVA, 120V, 10hp, 3PH, 380V, 60A, 3kc/lb work area
- High-speed servo motors and linear encoder driven
- Automatic focusing

HELIX
For engravers and cutters looking to work with larger pieces or products, the Eclipse lasers is an ideal choice.
- 30’ x 40’ x 5’ servo motion workspace
- 40’ x 40’ x 5’ work area
- 24’ x 12’ x 5’ work area
- Radiance® Beam-Enhancing Optics for a smaller laser spot
- Easy-access drop-down door
- 20’ x 20’ x 5’ work area
- Wheeled storage stand

System Features
- Made-in-the-USA Quality: Designed, engineered & built in Golden, CO
- Epiq Job Manager: Management & workflow software - easily organize, edit, save & print
- Laser Dashboard™: Real-time power parameters & access more laser features
- CO2 Laser Tubes: Long-lasting metal/ceramic tubes for highest engraving quality
- Auto Focus: Automatically focuses the table to the correct focal distance
- Integrated Cutting Table: Lifts the piece being out to reduce back-side burning
- Moveable Home Position: Engraves odd-shaped items easily by setting a new home position
- Red Dot Pointer: Provides a visible laser beam to help position projects
- Rotary Attachment Compatibility: Engraves cylindrical objects with the optional rotary
- Lazer/Vector Color Mapping: Change your speed & power by using color settings
- Networking Capabilities: USB & Ethernet connections
- Permanent Job Storage: Store as many as 10 jobs up to 1MB in size
- Job Delete of the Laser: Delete old jobs to keep laser job queue organized
- Radiance® Beam-Enhancing Optics: Higher-resolution optics for detailed engraving
- Lenses rated to 50k watts: Highest-quality lenses provide long life & higher resolutions
- Linear Encoders: Highest-quality engraving from the most precise motion control system
- High-Speed Servo Motors: Faster servo motors for high-resolution engraving
- 10 & 15-ply Engraving Sensings: Both & cut stumps or create 3D curves while engraving
- Super-Stable® Cooling Fans: Quiet operation suitable for office environments
- Air Assist: Remove heat & combustible gases from the cutting surface
- Metal Beddings: Stainless steel beddings designed to last the life of the machine
- Kevlar Belts: Our precision drive belts are made from 8-style Kevlar for superior longevity
- Crown Tray: Easily dispose of debris from under your Cutting Table
- Easy-Access Storage Stand: Wheeled, free-standing cart for easier access
FIBERMARK S2 LASER

FIBERMARK S2

Our small-format fiber laser system, the FiberMark S2, allows you to etch directly into metal and mark many plastics. The FiberMark S2 is our original fiber laser system and is the first flying-optic fiber laser system ever developed:

- 30 watt fiber laser
- 24" x 12" x 5" (610 x 305 x 140 mm) work area
- Easy-Access Drop-Down Door
- Ability to create etched, annealed, and polished marks
- 75-1200 dpi

Small-Format Metal Marker

Epilog’s FiberMark S2 is your solution for etching and marking all types of bare metals and industrial plastics, from the laser directly from any graphic software program for easy job setup, and etch an entire table full of parts at one time.

- Directly engrave on most metals
- Mark engineered plastics
- Etch barcodes, serial numbers, and images
- Print directly from AutoCAD, CorelDRAW, Bartender, and more

System Features

Made in the USA Quality: Designed, engineered & built in Golden, CO

- FiberMark

Epilog Job Manager: Management & workflow software - easily organize, edit, save & print

- Laser Dashboard™: Set speed/power parameters & access more laser features

Fiber Laser Source: Etches directly into bare metal & marks industrial plastics

Moveable Home Position: Engrave odd-shaped items easily by setting new home position

Bad Dot Pointer: Provides a visible laser beam to help position projects

Rotary Attachment Compatibility: Engraves cylindrical objects with the optional rotary

Revers/Vector Color Mapping: Change your speed & power by using color settings

Networking Choices: USB & Ethernet connections

- Permanent Job Storage: Store as many as 10 jobs up to 2MB in size
- Job Delete at the Laser: Delete old jobs to keep laser job queue organized
- Linear Encoders: Highest-quality engraving from the most precise motion control system
- High-Speed Servo Motors: Faster servo motors for high-resolution engraving
- 3D & Stamp Engraving Settings: Etch & cut stamps or create 3D curves while engraving
- Super-Silent™ Cooling Fans: Quiet operation suitable for office environments
- An Auar & Compressor: Remove heat & combustible gases from the cutting surface
- Metal Bearings: Stainless steel bearings designed to last the life of the machine
- Kevlar Belts: Our precision drive belts are made from B-style Kevlar for superior longevity
FUSION PRO LASERS

FUSION PRO 32
- Available in CO2, fiber, or dual-source configurations
- 50, 60, 80, or 120 watt CO2 laser
- 30 or 50 watt fiber laser
- 32” x 32” (812 x 812 mm) work area
- IRIS™ 2-camera system

FUSION PRO 48
- Available in CO2, fiber, or dual-source configurations
- 50, 60, 80, or 120 watt CO2 laser
- 30 or 50 watt fiber laser
- 48” x 36” (1219 x 914 mm) work area
- IRIS™ 3-camera system

Industry’s Highest-Speed Engraving
Introducing the fastest laser engraving systems on the market. Performance and image quality are at the heart of the Fusion Pro line of laser systems. With a maximum speed of 165 IPS (4.2m/s), and featuring 5g acceleration, the Fusion Pro lasers are the fastest, most productive laser systems available. Whether you’re engraving wood, plastic, coated metals, or glass, the Fusion Pro allows you to produce more product in less time than any competitive system.

IRIS™ Camera Positioning
Positioning your artwork is easier than ever with the new IRIS™ Camera Positioning feature of the Fusion Pro. Overhead cameras provide a view of your material as it is positioned on the table, allowing you to accurately place your artwork and know exactly where your laser will engrave. Drag and drop your artwork on screen to precisely position your artwork on even the most irregularly shaped objects.

System Features

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<th>Feature</th>
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<td>Pro 48</td>
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Air Compressor
Epilog’s optional Air Compressor is available to work with the included Air Assist feature of the laser systems. Direct a constant stream of air to your cutting surface to remove heat and combustible gases from the work area. The high-quality air compressor unit feeds 30 psi (2.07 bar) of air through the Air Assist structure, giving you the best cutting results available. The vibration-dampening rubber feet reduce the noise level of the compressor.

Cutting Tables
Incorporate the gridded cutting table when cutting through materials. By raising the materials off of the table when cutting, you’ll be able to reduce any back-side burning on the material.

For cutting through materials on the Fusion Pro, choose between a traditional cutting-grid table or a slat table.

Rotary Attachments
Add the ability to engrave cylindrical items to your laser, including glasses, bottles, and more. Epilog offers two types of Rotary Attachments. The Standard Rim Style Rotary is great for general-purpose cylindrical shapes, including glasses, mugs, and wine bottles. We offer the 3-Jaw Chuck Rotary Attachment for more demanding applications when you need to mechanically clamp a cylinder or oddly shaped, non-cylindrical item.

Lens Options
1.5” Lens: Highest-Resolution Engraving
Although the standard 2.0” lens provides amazing detail, our 1.5” lens assembly has been designed for the highest-resolution engraving and etching of extremely small fonts.

4.0” Lens: Cutting Thicker Materials and Inside Deep Areas
The 4.0” lens produces a focused beam over a longer vertical distance, which makes it ideal when engraving within a recessed area of a product, such as inside a bowl or plate. The lens is also useful for cutting through very thick materials with a more elongated beam.

Machine Stand
Add the machine stand to your Mini and FiberMark S2 to turn your desktop laser into a free-standing unit. This optional stand features high-quality wheels to move the laser system throughout your work area with ease, and the shelf makes a great place to store your most used materials.

Pin Table
The Pin Table incorporates moveable pins designed to raise and support material during cutting. This helps ensure you receive the clearest laser cut edges from your laser machine. Use the Pin Table with the Fusion Pro’s IRIS® camera system for a visual representation of each pin’s precise location for the highest quality edge cuts on a laser system.