In 1985, 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-deeply etched marking, and fast, accurate cutting. Find out how an Epilog Laser can transform your business.
CO2: Versatility

CO2 lasers can engrave and cut a wide variety of materials with our CO2 laser line. A CO2 laser system can engrave on all kinds of materials, including wood, acrylic, rubber, plastic, and more.

<table>
<thead>
<tr>
<th>Material</th>
<th>Engrave</th>
<th>Cut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
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<tr>
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<tr>
<td>Glass</td>
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<tr>
<td>Copper</td>
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<tr>
<td>Brass</td>
<td></td>
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</tr>
<tr>
<td>Aluminum</td>
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<td></td>
</tr>
<tr>
<td>Stainless steel</td>
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<td></td>
</tr>
<tr>
<td>Nickel</td>
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<tr>
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<tr>
<td>Steel</td>
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<tr>
<td>Plastic</td>
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<td>Wood veneer</td>
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<td>3D models</td>
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<tr>
<td>Metal etching</td>
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</table>

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 products.

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<tr>
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<th>Engrave</th>
<th>Cut</th>
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<td>Nickel-plated brass</td>
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<td>Nickel-plated gold</td>
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<td>Nickel-plated copper</td>
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<tr>
<td>Nickel-plated steel</td>
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<tr>
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<td>Polycarbonate</td>
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<td>Polycarbonate resin</td>
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<td>Pyrodecine</td>
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<tr>
<td>Silicopropene</td>
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<td>Enamel</td>
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For more information, visit our website or call 435-254-8888.
EASY PROJECT SETUP

From Design to Finished Product

1. Design your graphic in your favorite graphic design software.
2. Print the design on the Epilog Laser Dashboard.
3. Choose your settings and start engraving or cutting your design.

Material Settings Library

Epilog’s Material Settings Library is your first stop for finding the perfect settings for your materials. This parameter library has been built by testing materials to find the best settings for you to use with your laser system. If you discover your own preferred settings, or have a special material that you use with your laser, save your custom settings so you always have access to your favorite laser parameters at the touch of a button.

Online Training

Register your machine at our free online training site, training.epiloglas.com and start learning the latest tips and tricks on project setup and more. Featuring walk-through demonstrations of how to set up projects, videos on maintenance for your machine, and a thorough library of support videos, the Epilog Laser Training Site 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 edge and IRIS™ multi-camera system shows your target dots on your screen in the Laser Dashboard, allowing you to precisely position your image on screen, then print to the laser. You can also see the camera on the laser head on the fusion Pro to recognize registration marks in your artwork for extremely precise engraving on prepunched holes. To ensure your engraving is precisely positioned, the laser job trace feature identifies exactly where your image will engrave on your product.

Fastest Engraving Speeds:
Up to 165 IPS (4.2 m/s)

Higher-speed engraving means more throughput for your business. Epilog’s precision in engraving machines with incredibly fast engraving times and extremely quiet rundown speeds. The fusion edge motion control system allows the laser to power off at higher speeds. The IRIS™ laser head accelerates the system’s fastest engraving, extremely precise and incredibly designed motion control system allows us to access the highest engraving speeds while still providing the highest resolution you expect from an Epilog Laser system.

Epilog Software Suite™

Epileg’s software suite allows you to position your network and duplicate your image across the screen, and access our material 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, return projects, and more.
WHY EPilog LASER?

Higher Speed and Quality

Only Epilog Laser can offer you the highest quality engraving even at the fastest speeds. What does this mean for you? Higher throughput without having to sacrifice quality. Epilog’s laser systems run up to 140 WPM and 1000 sq. ft. Take a look at our engraving quality under a microscope to see the fine detail that is achieved even at the highest speeds.

Made in the USA Quality

Epilog Laser is proud to be engineered, designed, and manufactured in the USA. From our high tech manufacturing facility located in the foothills of the Rocky Mountains in Golden, CO, our machines go from concept to design, to build, all in one facility. Every Epilog Laser system goes through a battery of rigorous tests before being shipped to you, so you know that the machine you receive is going to perform to Epilog’s exacting standards. From the first time you switch it on.

Built-In Networking

With our built-in Ethernet connection, you can access your laser from any computer in your office. You can also choose to use the USB connection, or even print wirelessly with our Fusion PRO and Edge PRO systems. A designer can be working on one computer and sending the jobs to the laser while an operator queues the correct job to be run next. You can even have the same computer sending jobs to multiple lasers for even more efficiency.

Lowest Lifetime Cost

Epilog’s laser systems have been designed for the lowest lifetime cost of any system in the industry. The systems include a full two year warranty that covers every part on the machine. By utilizing the highest quality parts within the systems, you can feel secure that, with proper maintenance, your system will last for years with very little in repair costs.

- Made in the USA
- Complete Warranty Covers All Machine Parts
- ENGRAVES UP TO 100 dpi
- TOUCH-SCREEN KEYPAD
- Built-in Laser Diagnostics
- Metal and Ceramics CO2 Laser Technology
- Complete System Includes 
  - 2500 Foot Spool Stand 
  - Complete USB Interface Kit
  - ILM Laser Protection Kit
  - Visible Laser Interlock
  - Easy Maintenance 
  - Complete Safety Kit
ZING LASERS

ZING 16
Small, entry-level laser system that is perfect for starting a business or operating out of your home, office, or school.
- 30 or 60 watt CO2 laser
- 20” x 24” x 1” (508 x 609 x 25.4 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, 45, 60, or 90 watt CO2 laser
- 20” x 24” x 1” (508 x 609 x 25.4 mm) work area
- Compatible with the Rotating Attachment
- Radionics™ Beam Enhancing Optics for a smaller laser spot size across the table

System Features

- Made in the USA
- Quality designed, engineered & built in Colorado, CO
- Zing 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
- Lenses Rated to 160 Watt: Highest-quality lenses provide long life & higher resolutions
- High-Speed Stepper Motors: Faster stepper motors for high-resolution engraving
- 3D & 3D Engraving Settings: Engrave 3D objects while engraving
- Super-Skin™ Cooling Fans: Quiet operation suitable for office environments
- Air Assist: Remove heat & combustible gases from the cutting surface
- Parameter Color Mapping: Change your speed & power by using color settings
- Networking Choices: USB & Ethernet connections
- Movable Home Position: Engage odd-shaped items easily by setting to a new home position
- 360° Dot Printer: Provides a visible laser beam for easy positioning projects
- Easy-Access Drop-Down Door: Front access door for the laser system
- Radionics™ Beam Enhancing Optics: Higher-resolution optics for detailed engraving
- Rotary Attachment: Compatibility: Engrave cylindrical objects with the optional rotary
FUSION EDGE LASERS

FUSION EDGE 12
- Available in CO2 or fiber laser configurations
- 30 watt fiber laser
- 60, 80, 100, or 150 watt CO2 laser
- 24” x 36” x 7” (610 x 914 x 180 mm) work area
- IRIS® Single Overhead Camera

FUSION EDGE 24
- Available in CO2
- 30, 40, 50, 60, or 80 watt CO2 laser
- 24” x 36” x 7” (610 x 914 x 180 mm) work area
- IRIS® Dual Overhead Camera

IRIS™ Camera Positioning
Position your artwork directly on your sheet using the overhead camera system of the Fusion Edge. Artwork can be quickly duplicated on screen, positioned on your product, and engraved in minutes. It's the fastest method of artwork set up available.

- Drag-and-drop functionality for positioning artwork
- Duplicate artwork, re-size it, and select cut lines on screen
- Quickest and easiest positioning system

System Features

- Made in the USA Quality: Designed, engineered & built in Golden, CO
- Edge Job Manager™: Management & workflow software — easily organize, edit, save & print
- LG System Acceleration: Fast acceleration to top speed
- IRIS® Camera Positioning: Overhead camera for easy artwork positioning
- SAFETY FIRST: Features, keep the mechanics cleaner and dust-free
- Touch-screen Control: The selection, auto-focus, and more
- Air Assist: Remove heat & combustible gases from the cutting surface
- Networking: Options USB, Ethernet & Wireless connection
- Permanent Job Storage: Keep your most common jobs at your fingertips
- Auto Focus: Automatically focus the table to the correct focal distance
- Software Suite: Dashboard™ and Job Manager Software toggles
- CO2 or fiber laser, dual-lens, & fiber laser, 152 micrometers
- or 30 watt fiber laser Source, 104A mm
- Radionics® Beam-Engraving Optics: Higher resolution optics for detailed engraving
- Air Flow: Streamlined cut flow for the most efficient smoke and vapor removal
- High-Speed: Benchtop DC Servo Motors: Condense the most rigorous engraving jobs at high speeds
- Red Dot Finder: Provides a visible laser beam to help position your projects
- Job Trace: Quickly see where the job will engrave on your material
- Removable Print Board: Easy access to the cutting area
- Super-quiet™ Cooling fans: Quiet operation suitable for office environments
- Side-style Rotary Compatibility

15
**Fusion Pro Lasers**

**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 (2.3m/s), and featuring IG1 synchronization, 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.

**Fusion Pro 32**
- Available in CO2, fiber, or dual source configurations
- 90, 60, 48, or 50 watt CO2 laser
- 32 or 50 watt fiber laser
- 32 x 20" (813 x 508mm) work area
- IRIS™ Single Overhead Camera & Registration Camera

**Fusion Pro 48**
- Available in CO2, fiber, or dual source configurations
- 90, 60, 48, or 50 watt CO2 laser
- 32 or 50 watt fiber laser
- 48 x 20" (1219 x 508mm) work area
- IRIS™ Dual Overhead Cameras & Registration Camera

**IRIS™ Camera Positioning**

Bringing your artwork a whisker closer with the IRIS™ Camera Positioning features of the Fusion Pro. Overhead cameras provide a view of your materials as it is positioned on the table, allowing you to accurately place your artwork and know exactly where your laser will engrave. A camera at the lens assembly allows you to locate registration marks on your artwork for precise cutting and engraving.

**System Features**
- Made-in-the-U.S.A Quality: Designed, engineered & built in Golden, CO
- High Speed Engraving: Max speed of 165 IPS (2.3m/s)
- 5g System Acceleration: Fast acceleration to top speed
- IRIS™ Camera Positioning: Overhead cameras & camera at the carriage for artwork positioning
- SILENT™ Features: Keep the mechanics cleaner and dust-free
- Touch-Screen Controls: File selection, auto-focus, and more
- Air Assist & Compressor: Remove heat & combustion gases from the cutting surface
- Vacuum Hold-Down Table: Exhausts under the table
- Networking Options: USB & Ethernet connections
- Permanent Job Storage (1 GB): Keep your most-run jobs at the machine
- Auto-Rotate: Automatically rotate the table to the correct focal distance
- Software Suite Package: Wishbone™ & Job Manager™ Software Packages
- 50, 60, 80, or 100 watt CO2, air-cooled, metal or carbon fiber laser, 10.6 micrometers or 50 or 50 watt fiber laser source, 1564 nm
- On-board fiber source configuration
- Radial™ Bar-Mounting Option: Higher resolution option for detailed engraving
- Laminar Air Flow: STREAMLINE or Flow for the most efficient smoke and vapor removal
- High-Speed Breathe” Q1 Drive System: Withstands the most aggressive engraving jobs at high speeds
- Red Dot Generator: Red dot laser beam to help position your projects
- Job Trace: Quickly view where the job will engrave on your material
- Easy-Access Drop-Down Door: Front access door for the laser system
- Super-Silent™ Cooling Fans: Quiet operation suitable for office environments
- Film-style Rotary Compatibility
ACCESSORIES

Air Compressor

Uploq’s optional Air Compressor is available to work with the included Air Assisted 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. This High-quality air compressor unit delivers 30 psi (2.07 bar) of air through the Air Assisted feature, giving you the best cutting results available. The vibration-dampening feature reduces the noise level of the compressor.

Cutting Tables

Incorporate the gridded cutting table when cutting through materials. By rotating the materials off the table when cutting, you’ll be able to reduce any backside burning on the material.

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

Rotary Attachments

Add the ability to engrave cylindrical items to your laser, including glasses, bottles, and more. Uploq 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 5-Jaw Chuck Rotary Attachment for more demanding applications when you need to machine-tightly clamp a cylinder or oddly shaped, non-cylindrical item.

Lens Options

1.38 Lens: Highest-Resolution Engraving

Although the standard 2.5” lens provides amazing detail, our 1.38” 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.

Pin Table

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

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<thead>
<tr>
<th>Feature</th>
<th>Zing 36</th>
<th>Zing 30</th>
<th>Fusion Edge 3 (2020)</th>
<th>Fusion Edge 5 (2020)</th>
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<tr>
<td><strong>Work Area</strong></td>
<td>15x10&quot;x10 (381x254x254) mm</td>
<td>15x10&quot;x10 (381x254x254) mm</td>
<td>15x12&quot;x10 (381x305x254) mm</td>
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### Fusion Edge 5 (2020)

- **Wattage**: 40 W
- **Software**: Lazer Dashbord, Lipping Job Manager
- **Memory**: N/A
- **Motor Control**: N/A
- **Vendor**: N/A
- **Bearings**: N/A
- **Weight**: N/A
- **Electrical**: N/A
- **Safety**: N/A

### Fusion Edge 3 (2020)

- **Wattage**: 40 W
- **Software**: Lazer Dashbord, Lipping Job Manager
- **Memory**: N/A
- **Motor Control**: N/A
- **Vendor**: N/A
- **Bearings**: N/A
- **Weight**: N/A
- **Electrical**: N/A
- **Safety**: N/A

### Fusion Edge 5 (2020)

- **Wattage**: 40 W
- **Software**: Lazer Dashbord, Lipping Job Manager
- **Memory**: N/A
- **Motor Control**: N/A
- **Vendor**: N/A
- **Bearings**: N/A
- **Weight**: N/A
- **Electrical**: N/A
- **Safety**: N/A

### Fusion Edge 3 (2020)

- **Wattage**: 40 W
- **Software**: Lazer Dashbord, Lipping Job Manager
- **Memory**: N/A
- **Motor Control**: N/A
- **Vendor**: N/A
- **Bearings**: N/A
- **Weight**: N/A
- **Electrical**: N/A
- **Safety**: N/A

### Fusion Edge 5 (2020)

- **Wattage**: 40 W
- **Software**: Lazer Dashbord, Lipping Job Manager
- **Memory**: N/A
- **Motor Control**: N/A
- **Vendor**: N/A
- **Bearings**: N/A
- **Weight**: N/A
- **Electrical**: N/A
- **Safety**: N/A