OVER 30 YEARS OF EXPERIENCE

In 1989, 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.
EASY PROJECT SETUP

From Design to Finished Product

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

Material Settings Library

Epilog’s Material Settings Library is your first step for finding the perfect settings for most 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, epilogtraining.epilog.com, and start learning the basics now and study on project setup and more. EPILOG SUPPORT includes: comprehensive online tutorials, maintenance for your machines, and a thorough library of support videos, the Laser user 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™ Multicamera system shows your laser’s table on screen in the Laser Dashboard™, allowing you to precisely position your image, then point to the laser. 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)

High-speed engraving means more throughput for your business. Epilog’s lasers excel 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 60 IPS with up acceleration for the industry’s fastest engraving. Ultra-robust motors and an industriously designed motion control system allow us to reach the highest engraving speeds while still providing the high-resolution output 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 material material databases 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, view projects, and more.
ZING LASERS

ZING 16
Small-footprint, 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
- 18 x 12 x 4.5" (457 x 305 x 114 mm) work area
- Affordable pricing for the entry-level laser

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, 50, or 60 watt CO2 laser
- 24 x 12" x 7" (609 x 305 x 178 mm) work area
- Compatible with the rotary attachment
- Radiance™ Beam-Enhancing Optics for a smaller laser spot size across the table

System Features

Zing 16 Zing 24
Modular, Multi-Quality Designed, engineered & built in Idaho, COID - -
Spigio 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-doped tubes for highest engraving quality - -
Lenses Rated to 50 Watts: highest-quality lenses provide longer life & higher resolutions - -
High-Speed Stepper Motors: Faster stepper motors for high-resolution engraving - -
3D & Frame Engraving Settings: Pitch & cut signs or create 3D curve while engraving - -
Super-Silent™ Cooling Fans: Quiet operation suitable for office environments - -
Art Assist: Remove heat & carbonized gases from the cutting surface - -
Raster/Vector Color Mapping: Change your speed & power by using color settings - -
Networking: Optional; USB & Ethernet connections - -
Moveable home position: Regain 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: High-resolution optics for detailed engraving - -
Rotary Attachment: Compatibility: Engrave cylindrical objects with the optional rotary - -
MINI & HELIX LASERS

MINI 18 & 24
Looking for a system with faster engraving times than the Zip Series, but that still provides small parts area? The Mini 18 and 24 Laser are an easy way to move into our table top servo motor machines,
- 20 x 12 in.救灾 servo, 600x600 DPI
- 21 x 30.5 x 30.5 in. 60W CO2 laser-Mini JA
- 30 x 45 x 36 in. 80W CO2 laser- Mini JA
- 36 x 72 in. 100W CO2 laser- Mini JA
- High-speed servo motors and laser encoder driven
- Automatic focussing

HELIX
For engravers and cutters looking to work with larger pieces or prototypes, the HELIX H18M is an ideal choice,
- 35 x 45 x 60 in. 60W CO2 laser
- 35 x 72 in. 100W CO2 laser on 6 x 6 in. work area- Mini JA
- Radiance Beam-Enhancing Optics for a cleaner laser spot
- Easy-access drop-down door
- Engraves flats up to 3/16 (5 mm) thick
- Wheelie storage stand

System Features

Made-in-the-USA Directly Designed, engineered & built in Odden, CO
- Epilog Job Manager: Management & workflow software-speed, easy setup & print
- LaserBackboard™- Set speed/power parameters & access more laser features
- CO2 Laser Tube: Long-lasting metalclad ceramic tubes for highest engraving quality
- Auto Focus Automatically modulates the focus to the correct focal distance
- Integrated Cutting Table: Lifts the piece being cut to reduce backside burning
- movable home position: Origin & chip- off point set easily by setting a new home position
- Head flat pointer: Provides a visible laser beam to help position projects
- Rotary Alignment: Easily aligns media with the optical system
- Faster/Cleaner Color Mapping: Changes your speed & power by using color settings
- Networking Choices: USB & Ethernet connections
- Permanent Job Storage: Store as many as 15 jobs up to 2MB in size
- Job Builder at the Laser: Build jobs to keep laser busy; job queue organized
- Radiance Beam-Enhancing Optics: High-powered beam optics for detailed engraving
- Lasers rated to 90 Watts: highest, quality lasers provide long life & higher resolutions
- Linear Encoder: Highest-quality engraving from the most precise motion control system
- High-Speed Servo Motors: Faster servo motors for high-resolution engraving
- 2D & 3D engraving: Engraving savings; easy & cut bumps or create 3D curves with engraving
- Silent“S” Cooling Fans: Quiet operation suitable for office environments
- At Assembly: Remove heat & reduce noise from the cutting surface
- MetalBeams: Stainless steel beams designed to last the life of the machine
- Keystones: Precision drive belts made from Kevlar for superior longevity
- Grime Trap: Easy disposal of debris from under your Cutting Table
- Easy Access Storage Stand: Wheelie, free-standing cart for easier access
FIBERMARK LASER

FIBERMARK 24

Our small-format fiber laser system, the FiberMark 24, allows you to etch directly into metal and many other materials. The FiberMark 24 is our original fiber laser system and is the first fiber-optic fiber laser system ever developed.

- 36 or 56 watt fiber laser
- 24” x 24” x 24” or 90 x 90 x 24” work area
- Easy-access Drop-Down Door
- Ability to etch, airbrush, and polished marks
- 75,000 dpi

Small-Format Metal Marker

Epilog’s FiberMark 24 is your solution for etching and marking thousands of bare metal and industrial plastics. Print to the laser directly from any graphic software program for easy job setup, and etch an entire table full of parts in one time.

- Directly engrave on most metals
- Mark-engraved plastics
- High-bar codes, serial numbers, and logos
- Print directly from AutoCAD, CorelDRAW, BarTender, and more

System Features

- Made in USA: Quality, designed, engineered & built in Golden, CO
- Epilog Job Manager: Management & workflow software – easily organize, edit, save & print
- Laser Interface Software: Set speeds, power parameters & access more laser features
- Fiber Laser Source: Engraves directly into bare metal & marks industrial plastics
- movable head 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
- Raster/Sector Color Hatching: Change your speed & power by using color settings
- Networking Features: USB & Ethernet connections
- Permanent Job Storage: Store as many as 10 jobs up to 1MB in size
- Job Shuttle at the Laser: Enables old jobs to keep laser job-queue organized
- Linear Drives: Highest-quality engraving from the most precise motion control system
- High-Speed Servo Motors: Faster servo motors for high-resolution engraving
- 10 & 15-pmulti engraving settings (thin & out cuts or create 10 curves while engraving)
- SignLab™: Cutting fonts, Quick operation suitable for office environments
- Air Assist: Removes heat & combustible gases from the cutting surface
- Metal Bearings: Stainless-steel bearings designed to last the life of the machine
- Keypad: Keypad with precision drive belts & knobs with easy-to-read ion for superior operation
- Easy-Access Stand: Wheelbase, four-wheel cart for easier access
FUSION PRO LASERS

FUSION PRO 32
- Available in Co2, Fiber, or dual-source configurations
- 50, 60, 80, 100 watt Co2 laser
- 50 or 80 watt fiber Laser
- 32" x 32" (800 x 800 mm) work area
- IRIS™ 2 camera system

FUSION PRO 48
- Available in Co2, Fiber or dual-source configurations
- 50, 60, 80, or 100 watt Co2 Laser
- 50 or 80 watt Fiber Laser
- 32" x 32" (800 x 800 mm) work area
- IRIS™ 2 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 400 WPS (Watts/M2), and featuring ip acceleration, the Fusion Pro lasers are the fastest, most productive laser systems available. Whether you're engraving wood, plastic, coated metal, 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 position your artwork, even on the most irregularly shaped objects.

System Features
- Made-in-the-USA Quality, Designed, engineered, & built in Golden, CO
- High Speed Engraving Max speed of 400 WPS (Watts/M2)
- Ip System Acceleration: Fast acceleration in high speeds
- IRIS™ Camera Positioning: Overhead camera & camera of the carriage for artwork positioning
- SNAPSAFE™: features: Keep the mechanics cleaner and dust free
- Touch-screen Control file selection, auto-focus, and more
- Air Assist & Compressor: Remove heat & combustible gases from the cutting surface
- Vacuum Hold-down Table: Exhaust under the table
- Networking Options: USB & Ethernet connections
- Permanent Job Storage (1GB): Keep your most used jobs at the machine
- Auto Focus: Automatically forces the table to the correct focal distance
- Software Suite: Dr. Laser & Job Manager Software Package
- 15, 60, 80, or 100 watt Co2, air-cooled, metallic/ceramic laser tube, 10x micrometers
- 50 or 80 watt Fiber Laser Source, 10x4.4
- or dual-source configuration
- Roland®™ Beam-Enhancing Optics: Higher resolution optics for detailed engraving
- Laser Air Flow: Increased air flow for the most efficient smoke and vapor removal
- High-Speed Blademill® Brain Motion: Withstands the most rigorous engraving jobs at high speeds
- Red Dot Pointer: Provides a visible laser beam to help position your projects
- Job Place: Quickly see where the job will be engraved on your material
- Easy Access Drop-Down Door: Front access door for the laser system
- Touchscreen™: Guiding Fans Quiet operation suitable for office environments
- Win-like Interface: Compatibility

Pro 32
0

Pro 48
0
ACCESSORIES

Air Compressor
Epilog’s optional Air Assist Compressor is available to work with the included Air Assist feature of the laser system. Directs a constant stream of air to your cutting surface to remove heat and combustible gases from the work area. The high-quality air compressor and air line are 25’ long and aid in effective air movement throughout the work area, 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 backside burning on the material.

For cutting through materials on the Fusion Pro, choose between a traditional cutting/j羯d table or a slot 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 thin-style rotary is great for general-purpose cylindrical shapes, including glasses, mugs and wine bottles. We offer the Ultra Circle rotary attachment for more demanding applications when you need to mechanically clamp a cylinder or oddly shaped, non-cylinder shaped item.

Lens Options
1/2" Lens: Highest Resolution Engraving
Although the standard 1/2" lens provides amazing detail, our 1/4" lens assembly has been designed for the highest level of engraving and etching of extremely small fonts.

4/5" Lens: Cutting Thicker Materials and Inside Deep Areas
The 4/5" 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 bend or plate. The lens is also useful for cutting through very thick materials with a more elongated beam.

Epilog Mini Stand
Add the Epilog Mini stand to your Mini 9 or 24 to turn your desktop laser into a revolutionary 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 cleanest laser cut edges from your laser machine. Use the Pin Table with the Fusion Pin’s BIL™ camera system for a near-perfect location of each pin’s precise location for the highest quality edge cuts on a laser system.
## TECH SPECS

<table>
<thead>
<tr>
<th>Zino 28</th>
<th>Zino 24</th>
<th>Zino 18/14</th>
<th>Zino 14</th>
<th>Zino 14/10</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Work Area</strong></td>
<td>16.5” x 10.2” (420mm x 260mm)</td>
<td>13.8” x 9.8” (350mm x 250mm)</td>
<td>13.8” x 9.8” (350mm x 250mm)</td>
<td>11” x 7.5” (280mm x 190mm)</td>
</tr>
<tr>
<td><strong>Machine Size</strong></td>
<td>24” x 19” (610mm x 480mm)</td>
<td>20” x 16” (510mm x 410mm)</td>
<td>20” x 16” (510mm x 410mm)</td>
<td>15” x 12” (380mm x 300mm)</td>
</tr>
<tr>
<td><strong>Laser Tube</strong></td>
<td>1064 nm, 250W, Coherent</td>
<td>1064 nm, 250W, Coherent</td>
<td>1064 nm, 250W, Coherent</td>
<td>1064 nm, 250W, Coherent</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>250W</td>
<td>250W</td>
<td>250W</td>
<td>250W</td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td>LaserDial 7.0</td>
<td>LaserDial 7.0</td>
<td>LaserDial 7.0</td>
<td>LaserDial 7.0</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>8GB DDR3</td>
<td>8GB DDR3</td>
<td>8GB DDR3</td>
<td>8GB DDR3</td>
</tr>
<tr>
<td><strong>Options</strong></td>
<td>Optional Relaxer Version &amp; Drum Mode</td>
<td>Optional Relaxer Version &amp; Drum Mode</td>
<td>Optional Relaxer Version &amp; Drum Mode</td>
<td>Optional Relaxer Version &amp; Drum Mode</td>
</tr>
</tbody>
</table>

### Specifications

- **Maximum Speed:** 12,000 rpm for 95% of the time, 14,000 rpm for the remaining 5%.
- **Clamping Force:** 2000 lbs (910 kg) for 95% of the time, 2500 lbs (1130 kg) for the remaining 5%.
- **Clamping Force:** 2000 lbs (910 kg) for 95% of the time, 2500 lbs (1130 kg) for the remaining 5%.
- **Clamping Force:** 2000 lbs (910 kg) for 95% of the time, 2500 lbs (1130 kg) for the remaining 5%.

**Features:**
- Automatic nesting
- 9 axes of motion
- 3D nesting
- Batch processing

**Applications:**
- Customized products
- Industrial applications
- Automotive parts

**Materials:**
- Wood, metal, plastic, glass, etc.

**Built-in Software:**
- LaserDial 7.0

**Memory:**
- 8GB DDR3

**Additional Features:**
- Drum Mode
- Relaxer Version

**Power Consumption:**
- 250W

**Safety Features:**
- Air-activated safety curtain
- E-stop button
- Emergency stop
- Safety interlock

**Weight:**
- 200 lbs (90 kg)
- 200 lbs (90 kg)
- 200 lbs (90 kg)
- 200 lbs (90 kg)

**Package:**
- Includes software, accessories, and manuals.