



**Epilog**Laser



Made in **USA**

[EPILOGLASER.COM](http://EPILOGLASER.COM)

# DISCOVER THE FUSION GALVO



The Fusion Galvo by Epilog Laser combines fast engraving of metals with quick and efficient project setup. This innovative laser machine produces a variety of marks on metal, including deep engraving, polished white marks, and deep black annealed etching. Project setup is fast and easy using Epilog's Laser Dashboard and artwork placement is exceptionally precise thanks to the IRIS™ camera system. The Fusion Galvo features an exceptionally user-friendly interface and uses high-quality parts and components, giving you unbeatable metal etching results.

- No complicated programming necessary
- Easy, accurate camera layout for design work
- Automated door for quick part changes
- Two lenses included for more options for your marking



# FUSION GALVO LASER

## FUSION GALVO G100

Compact, efficient etching and marking of metals. Etch bar codes, logos, serial numbers and more.

- Includes lenses for 4" x 4" (101 x 101 mm) and 6" x 6" (152 x 152 mm) engraving fields
- IRIS™ dual overhead cameras
- Automated door
- Affordably priced metal etcher



## Two Lenses, Two Cameras, Two Field Choices

The Fusion Galvo includes both F163 and F254 lenses to move seamlessly between a 4" x 4" (101.6 x 101.6 mm) and 6" x 6" (152.4 x 152.4 mm) engraving area. Two cameras above the engraving field automatically adjust for the installed lens, providing you with more choices for how you can achieve the perfect engraving results that are accurately positioned every time.

## Accurate Camera Positioning of Your Artwork

Spend less time aligning your artwork with the Fusion Galvo's IRIS™ Cameras. Two cameras positioned above the work area allow you to align your artwork perfectly on even the most uniquely shaped items. Drag and drop your artwork on screen, choose your engraving settings, and send the file to the laser in seconds.

## Automated Door for Quick Changing of Parts

The automated mechanical door of the Fusion Galvo automatically lowers when a job is started and raises when complete to make switching of parts quick and easy. Your laser operator will spend less time at the control panel, increasing the throughput when engraving multiple parts.

## No Complicated Programming Involved

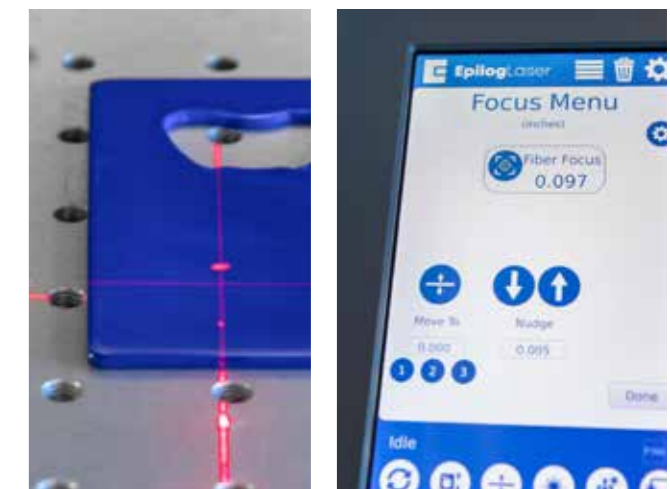
Design your project in almost any software program - AutoCAD, Bartender, even Adobe Illustrator or CorelDRAW. Just print your file to Epilog's Laser Dashboard™, position your artwork with the IRIS™ camera, and choose your settings to start engraving. Do you need to run multiple hatch patterns on a single metal? No problem - just click a button and incorporate each of your additional patterns. Need additional engraving cycles? It's as simple as entering the number of engraving passes in our easy-to-use software.





## System Features

	Galvo G100
Made-in-the-USA Quality: Incorporates the most advanced galvo technology, and is designed, engineered & built in Golden, CO	•
Software Interface: Print from most CAD and graphic software packages to the Epilog Dashboard™	•
Multiple Lenses Included: Choose between F163 and F254 changeable lenses	•
Design your next project while the laser is operating	•
IRIS™ Camera Positioning: Overhead camera for easy artwork positioning	•
Touch Screen Control: File selection, focus the laser, trace the marking area, rerun jobs, and more	•
Networking Choices: USB, Ethernet & Wireless connections	•
Permanent Job Storage (1 GB): Keep your most-run jobs at the machine	•
Auto Focus: Automatically focus the table to the correct focal distance	•
Software Suite: Dashboard™ and Epilog Job Manager™ Software Package	•
Fiber, air-cooled laser, 1064 nm	•
Red Dot Pointer: Provides a visible laser beam to help position your projects	•
Job Trace: Quickly see where the job will engrave on your material	•
Automated Mechanical Door: Automated door closes when the job begins and opens when finished	•
Fixture Plate: Built-in, threaded fixture plate	•
Multiple Files: Choose between all files you have sent to the laser	•
Integrated Exhaust Controller: Automatically cycle on and off many popular exhaust systems	•
Rotary Attachment Compatibility	•



## Touch Screen at the Laser

Select between jobs, focus the laser, trace your marking area, and rerun jobs at the touch of a button from the easy-to-use touch screen interface. After you send your file to the Fusion Galvo, processing the job at the laser couldn't be simpler. At the 7-inch touch screen display you'll see a list of the jobs you have queued up to process, along with a thumbnail of the designs for simple job selection. Focus the table and start the engraving at the touch of a button. To ensure the engraving is correctly positioned, run the Job Trace feature. If you have a job that you run regularly, you can even permanently save it on the display panel so you can have it ready to run any time. The display panel allows for the simplest interaction available with a galvo laser.



# TECH SPECS



Fusion Galvo G100

Work Area	F163: 4" x 4" (101 x 101 mm) F254: 6" x 6" (152 x 152 mm)
Max Material Thickness	F163: 10" (254 mm) F254: 6" (152 mm)
Laser Source Wattages	30 watt Pulsed, 30 Watt MOPA, or 60 Watt MOPA fiber laser
Software	Laser Dashboard™, Epilog Job Manager™, Print from most Windows-based CAD and graphic software packages
Memory	Multiple files up to 1GB. Mark any file size
Print Interface	USB, Wireless, & 10Base-T Ethernet connections. Windows 7/8/10/11 compatible
Size (W x D x H)	28" wide x 23" deep x 31" height (door closed) 37" height (door open) 711mm x 584mm x 787mm / 940mm
Weight	131 lbs (59.5 kg)
Electrical	Auto-switching 110 to 240 volts, 50 or 60 Hz, single phase, 15 amp AC
Ventilation System	450 CFM (765 m <sup>3</sup> /hr) external exhaust to the outside or internal filtration unit is required. There is one output port, 4" (102 mm) in diameter.
Class	Class 2 Laser Product - 1 mW CW MAXIMUM 600-700nm

Technical specifications and product configurations subject to change without notice.

