

G2 GALVO SPECS

Max Engraving Area	24" x 24" (609 x 609 mm)
Max Material Thickness	4" x 4" (101 mm) table: 36.3" (923 mm)
	16" x 16" (406 mm) table: 25.98" (660 mm)
	24" x 24" (609 mm) table: 15.79" (401 mm)
Max Piece Size	All table sizes: 29" x 27" (736.6 x 685.8 mm)
Laser Spot Size	4" x 4" (101 mm) table: 19 um (.019 mm)
	16" x 16" (406 mm) table: 35 um (.035 mm)
	24" x 24" (609 mm) table: 50 um (.05 mm)
Laser Tube Wattages	30 or 50 watt pulsed fiber laser, air cooled.
Standard Features	.5" (12.7 mm) machined aluminum table, 80"/second (2 m/second) max marking speed.
Print Driver & Software	Laser Dashboard™, Epilog Job Manager™. Print from most Windows®-based CAD and graphic software packages.
Operating Modes	Optimized Vector Mode.
Speed and Power Control (Engraving depth)	Computer-controlled speed and power in 1% - 100% increments. Color mapping links speed and power.
Print Interface	10/100 Ethernet with Auto-MDIX. Compatible with Vista/7/8/10.
Size (W x D x H)	33" x 43.75" x 71.1" (838.2 x 1111.25 x 1805.94 mm)
Weight	415 lbs (188.241 kg)
Electrical Requirements	Auto-switching 110 to 240 volts, 50 or 60 Hz, single phase, 15 amp AC.
Ventilation System	650 CFM (1104 m³/hr) external exhaust to the outside or internal filtration unit is required. Two output ports, each 4" (102 mm) in diameter.
Laser System Classification	Class 2 Laser Product - 1 mW CW MAXIMUM 600-700 nm.

Technical specifications and product configurations are subject to change without notice.



Get **MORE INFO** or
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MADE IN USA

G2 GALVO

DYNAMIC FOCUS | FASTEST METAL MARKING | LARGEST ENGRAVING AREA



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EASY TO USE



G2 GALVO LASER

DYNAMIC FOCUS | FASTEST METAL MARKING | LARGEST ENGRAVING AREA

Traditional galvo metal etching systems have had two trade offs - you were either limited to a small work area based on the limits of a stationary mirror with a set focus range or you needed to have the safety capabilities to have a Class IV open laser in your business. We've **removed** this **limitation** by adjusting focal height and beam delivery with a unique telescoping lens technology for safely engraving the largest parts in an enclosed cabinet.

Movable Fields

With the unique design of the Epilog G2 there is no need to change lenses to change the field size. You can set the engraving field directly from the keypad without mechanical changes to the system.

Software

Print to the laser directly from almost any Windows-based software package including AutoCAD, SolidWorks, barcoding and serialization software, or even graphics programs like CorelDRAW and Illustrator. Operators can start using the system without special training on proprietary software packages.

Engraving & Etching

You can produce a variety of marks with easily adjustable speed, power, frequency and focus variables. Whether you require a deep etching, a surface etch, or a richer annealed mark, you can use our quick reference guide to find the right mark for your product.

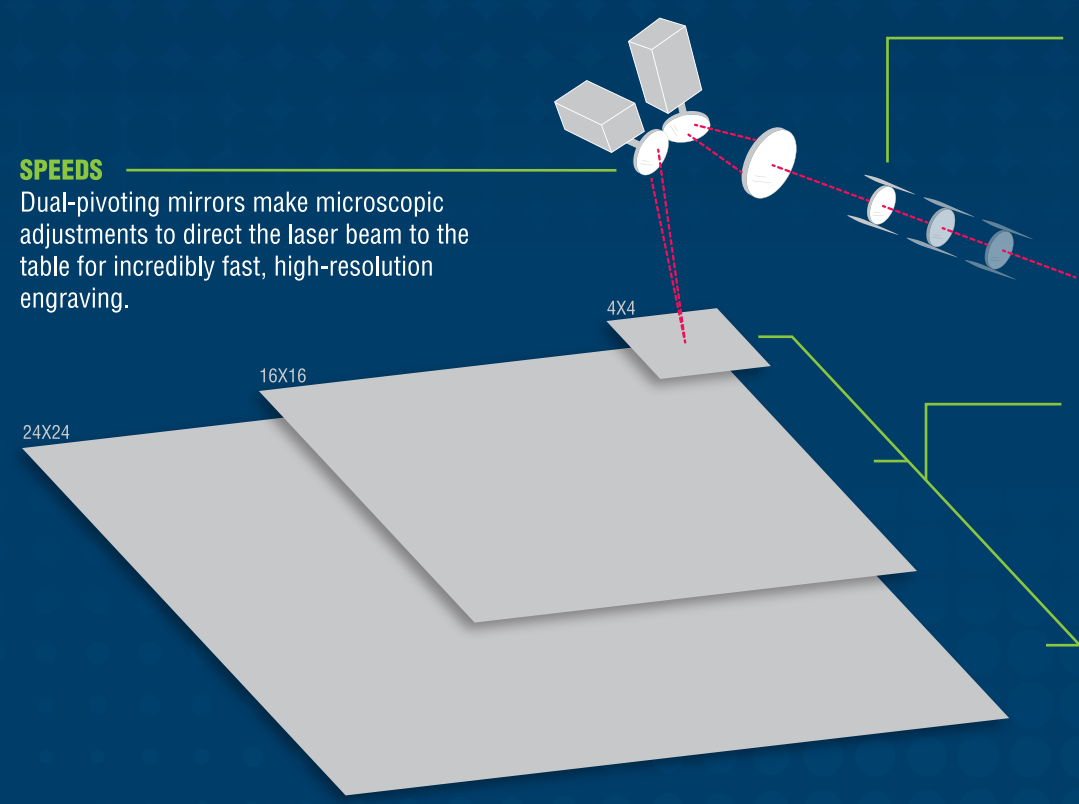


INCLUDED FEATURES

- Made-in-the-USA Quality:** Designed, engineered, and built in Golden, CO.
- Laser Dashboard™:** Print directly to laser from AutoCAD, CorelDRAW and more.
- Job Management Software:** Epilog Job Manager for work-flow implementation.
- Easy Access Sliding Doors:** 25" (635 mm) access to the marking field.
- Servo Encoder Motorized Table:** Programmable focus from the print driver.
- Color Mapping:** Change your speed, power and focus by using color settings.
- Pulsed Fiber Laser:** Highest quality laser manufactured by IPG Photonics.
- Field Tunable Focus:** Factory set focus with ability to fine-tune in the field.
- Networking Choices:** USB and Ethernet connections.
- Repositionable Edge Guides:** For easy part placement.
- Visible Red Trace Feature:** For accurate marking placement.
- Hatching Patterns:** Multiple fill patterns and angles to optimize your marking.
- Laser-Safe View:** Large laser-safe windows and LED-lit cabinet area.

SPEEDS

Dual-pivoting mirrors make microscopic adjustments to direct the laser beam to the table for incredibly fast, high-resolution engraving.



FOCUS

Telescoping dynamic lens moves on the horizontal axis to adjust the focus distance for a consistent spot size over a large engraving area.

ADJUSTABLE TABLE

Quickly change the table between 4" x 4" (101 mm), 16" x 16" (406 mm), and 24" x 24" (609 mm).