



Fusion Edge 12 (CO₂)



Fusion Edge 12 (Fiber)



Fusion Edge 24

Fusion Edge 36

	Fusion Edge 12 (CO ₂)	Fusion Edge 12 (Fiber)	Fusion Edge 24	Fusion Edge 36
Work Area	24"x12" (610x305mm)		24"x24" (610x610mm)	36"x24" (914x610mm)
Max Material Thickness	7" (178mm)		10" (254mm)	10" (254mm)
Laser Tube Wattages	30, 40, 50 or 60 watt, CO ₂ , air-cooled, metal/ceramic tube, 10.6 micrometers	30 watt, fiber, air-cooled, includes collimator. 1064nm. Beam quality: M2 < 1.1	50 or 60 watt, CO ₂ air-cooled, metal/ceramic tube, 10.6 micrometers	50 or 60 watt, CO ₂ air-cooled, metal/ceramic tube, 10.6 micrometers
Software	Laser Dashboard™, Epilog Job Manager™			
Memory	Multiple files up to 1GB. Engrave any file size			
Motion Control	High-speed, continuous-loop, brushless DC servo motors using rotary encoding tech for precise positioning			
X-Axis Bearings	Ground & polished stainless steel, teflon-coated, self-lubricating bearings			
Belts	Advanced B-style double-wide Kevlar precision drive belts			
Resolution	User-controlled 75-1200dpi			
Speed & Power	120 IPS (3.05m/s) with 5G acceleration. Computer-controlled in .001 increments up to 100%. Color mapping feature links Speed, Power, Frequency, and Raster/Vector mode			
Print Interface	USB, Wireless, & 10Base-T Ethernet connections. Windows 7/8/10 compatible			
Size (W x D x H)	39.5"x26.5"x17.9" (1003x673x455mm)	41.52"x32.81"x38.04" (1055x834x967mm)	53.52"x32.81"x38.04" (1359x833x966mm)	
Weight	138lbs (63kg)	225lbs (102kg)	260lbs (117kg)	
Electrical	Auto-switching power supply 110-240volts, 50 or 60Hz, single phase			
Ventilation System	350-400CFM (595-680m ³ /hr) external exhaust to outside or internal filtration unit required. One output port, 4" (102mm) diameter			
Class	Class 2 Laser Product - 1 mW CW MAXIMUM 600-700nm			

Technical specifications and product configurations subject to change without notice.



FUSION EDGE

Taking our highest-quality engraving technology and incorporating it into these systems allows customers to get the latest technology. The Edge systems feature a touch-screen display panel, on-screen camera positioning, and job trace functionality for quick and easy artwork setup.

IRIS™ Camera Positioning

Position your artwork directly on your item 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, resize it, and select cut lines on screen
- Quickest and easiest positioning system

SAFEGUARD™ Features

The Fusion Edge SAFEGUARDED™ features are designed to keep the mechanics of your laser machine cleaner than ever before with side below enclosures, a fully covered x-axis assembly, and covered lens assembly. The SAFEGUARD™ features will help keep your machine running free of problems for years.

Touch Screen Controls

The touch screen control pad on the Fusion Edge allow you to choose between jobs to run at the laser, change your setting, and much more. Trace your engraving area right from the machine to see precisely where your image will engrave, focus the laser, and more.

1GB Memory

The Fusion Edge features robust memory located at the machine which allows you to re-run jobs you have sent to the machine, as well as save your most popular jobs so they are ready to run when you turn on your laser system.



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 walk-through 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.

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.

Made in the USA

The Fusion Edge series continues Epilog's proud tradition of designing, engineering, and manufacturing all of our systems in the USA at our headquarters in Golden, CO. Located at the base of the Rocky Mountains, we are proud to support US manufacturing.