



Fusion Maker 12

Work Area	24"x12" (610x305mm)
Max/Material Thickness	7" (178mm)
Laser Tube Wattages	30 or 40 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 stepper motors
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	60 IPS (1.5m/s) with 3.5G 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 7/8/10/11 compatible
Size (W x D x H)	39.5" x 26.5" x 17.9" (1003x673x455mm)
Weight	138lbs (63kg)
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) in diameter
Class	Class 2 Laser Product - 1 mW CW MAXIMUM 600-700nm

Technical specifications and product configurations subject to change without notice.





IRIS™ Camera Positioning

Position your artwork directly on your item using the overhead camera system of the Fusion Maker. 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 Maker 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 Maker allows you to choose between jobs to run at the laser, change your settings, 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 Maker 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 walkthrough 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.



Leasing Opportunities

With lease-to-own options allowing you to set a low monthly payment, the laser can quickly start making you money. Whether you are bringing your engraving jobs in-house or starting your own business with the laser, it is an excellent opportunity to break into the laser engraving industry.

Made in the USA

The Fusion Maker 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.

Perfect Size to Meet Your Needs

The Fusion Maker's large engraving area is ideal for most products you want to create. As your needs increase for higher throughput and larger engraving and cutting areas, Epilog has a full product lineup to grow along with you!

