



EpilogLaser

	Fusion Pro 24 (CO ₂)	Fusion Pro 24 (Fiber/Dual)	Fusion Pro 36 (CO ₂)	Fusion Pro 36 (Dual)	Fusion Pro 48 (CO ₂)	Fusion Pro 48 (Dual)
Work Area	24"x24" (610x610mm)		36"x24" (914x610mm)		48"x36" (1219x914mm)	
Max Material Thickness	9" (228mm)				12.25" (311mm)	
Laser Tube Wattages	60 or 100 watt, CO ₂ air-cooled, metal/ceramic tube, 10.6 micrometers	Fiber: 30 watt fiber, air-cooled, includes collimator. 1064nm. Beam quality: M ₂ < 1.1. Dual: 60 watt CO ₂ and 30 watt fiber. 100 watt CO ₂ and 50 watt fiber	60, 80, 100 or 120 watt, CO ₂ air-cooled, metal/ceramic tube, 10.6 micrometers	Fiber source is air-cooled, includes collimator. 1064nm. Beam quality: M ₂ < 1.1. Dual: 80 watt CO ₂ and 30 watt fiber. 100 watt CO ₂ and 50 watt fiber	80 or 120 watt, CO ₂ , air-cooled, metal/ceramic tube, 10.6 micrometers	Fiber source is air-cooled, includes collimator. 1064nm. Beam quality: M ₂ < 1.1. Dual: 100 watt CO ₂ and 50 watt fiber
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 on the x-axis using rotary encoding technology for precise positioning					
X-Axis Bearings	Ground & polished stainless steel, teflon-coated, self-lubricating bearings. Dual blocks on X-axis for greater rigidity					
Belts	Advanced B-style double-wide Kevlar precision drive belts					
Resolution	User-controlled 75-1200dpi					
Speed & Power	165 IPS (4.2m/s) with 5g acceleration. Computer-controlled in .001 increments up to 100%. Color mapping feature links speed, power, frequency, & raster/vector mode					
Print Interface	USB, Wireless, & 10Base-T Ethernet connections. Windows 7/8/10/11 compatible					
Size (W x D x H)	41.52"x32.81"x38.04" (1055x834x967mm)		53.52"x32.81"x40.54" (1359x833x1029mm)		70.6"x51.3"x42.75" (1794x1304x1086mm) Pedestal removed: 34"h (863mm)	
Weight	240lbs (108kg)		275lbs (124kg)		650lbs (295kg)	
Electrical	Auto-switching power supply 110-240volts, 50 or 60Hz, single phase				220/240volts, 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				Two upper output ports. One lower port. Total 735CFM. All ports 4" (102mm) diameter	
Class	Class 2 Laser Product - 1 mW CW MAXIMUM 600-700nm					

Technical specifications and product configurations subject to change without notice.





SAFEGUARD™ Features

The Fusion Pro 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 Pro allows 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

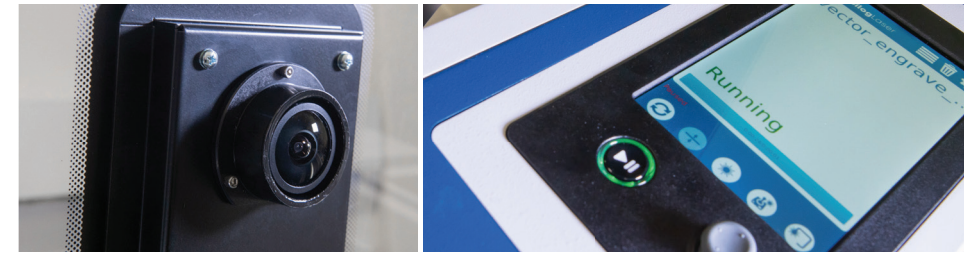
The Fusion Pro features robust memory, located at the machine which allows you to re-run jobs you have sent to the machine, as well as save your most popular jobs so they are ready to run when you turn on your laser system.

Dual Source Options

The Fusion Pro has been designed to accommodate a CO₂ laser that is known for its versatility, or a fiber laser for bare metal marking, or even dual source configuration that lets you run both a fiber and CO₂ laser in the same engraving job.

Made in the USA

The Fusion Pro 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.



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 place your artwork and know exactly where your laser will engrave. An additional camera at the lens assembly can be used to find registration marks on pre-printed pieces when highly accurate cutting is required from your laser system.

165 IPS: Highest-Speed Engraving

Performance and image quality are at the heart of the Fusion Pro line of laser systems. With a maximum speed of 165 inches per second and 5g acceleration the Fusion Pro machines are the fastest, most productive laser systems available.