

# FusionPro

## I N D U S T R I A L S E R I E S



Upgrade to the Fusion Pro Laser Series for the highest speeds and largest work areas to meet your laser production demand.

- 165 IPS engraving speeds
- Up to 48" x 36" work tables
- CO<sub>2</sub>, fiber, and dual-source options
- Easy-to-use touch screen
- Full 2-year warranty



Fusion Pro 24  
(CO<sub>2</sub>)



Fusion Pro 36  
(CO<sub>2</sub>)

Fusion Pro 36 (Dual)



Fusion Pro 48  
(CO<sub>2</sub>)

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, 80, or 100 watt, CO2 air-cooled, metal/ceramic tube, 10.6 micrometers	Fiber: 30 watt fiber, air-cooled, includes collimator, 1064nm. Beam quality: M2 < 1.1. Dual: 60 CO2 / 30 fiber or 80 CO2 / 60 fiber dual laser	60, 80, 100, 120, or 200 watt, CO2 air-cooled, metal/ceramic tube, 10.6 micrometers	Fiber source is air-cooled, includes collimator, 1064nm. Beam quality: M2 < 1.1. Dual: 80 CO2 / 30 fiber or 100 CO2 / 60 fiber dual laser	80, 100, 120, or 200 watt, CO2, air-cooled, metal/ceramic tube, 10.6 micrometers	Fiber source is air-cooled, includes collimator, 1064nm. Beam quality: M2 < 1.1. Dual: 100 or 120 CO2 / 60 fiber dual laser
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 or Mac OS 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. 13 Amp draw-MAX for 120 volts. 6.5 Amp draw-MAX for 240 volts.				220-240volts, 50 or 60Hz, single phase. 6.5 Amp draw-MAX for 240 volts (50, 60, 80w). 10 Amp draw-MAX for 240 volts (120w).	
Ventilation System	350-400CFM (595-680m³/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.