Epilog Fusion Pro Technical Specifications

FusionPro 24 **FusionPro 36** **FusionPro 48**

	FusionPro 24	FusionPro 36	FusionPro 48
Work Area	610 x 610mm (24" x 24")	914 x 610mm (36" x 24")	1220 x 914mm (48" x 36")
Maximum Z Depth	228 (9")	228 (9")	311mm (12.25")
CO2 Laser Tubes	CO2 - 50, 60 or 80 watt air cooled, metal/ceramic tube 10.6 micrometers	CO2 - 50, 60 or 80 watt air cooled, metal/ceramic tube 10.6 micrometers	CO2 - 50, 60, 80 or 120 watt air cooled, metal/ceramic tube 10.6 micrometers
Fiber Laser Tubes	Fiber - 30 or 50 watt air cooled, includes collimator, 1065nm. Beam quality : M2<1.1	Fiber - 30 or 50 watt air cooled, includes collimator, 1065nm. Beam quality : M2<1.1	Fiber - 30 or 50 watt air cooled, includes collimator, 1065nm. Beam quality : M2<1.1
Software	Epilog Laser Software Suite. Laser Dashboard™ & Job Manager™		
Camera	1 x IRIS™ Overhead camera positioning system	2 x IRIS™ Overhead camera positioning system	2 x IRIS™ Overhead camera positioning system
Memory	Multiple files, up to 1Gb, Engrave any file size		
Operating Modes	Optimized Raster, Vector and Combined modes		
Motion Control	High speed continuos loop, brushless DC servo motors. Using rotary encoding technology for precise positioning.		
X-Axis Bearings	Ground and polished stainless steel , Teflon-coated, self lubricating bearings.		
Belts	Advanced B-style double wide Kevlar precision drive belts.		
Resolution	Fully flexible and user controlled from 75 to 1200 dpi		
Speed & Power	120 IPS (3.05m/s) with 5G acceleration. Computer-controlled in .001 increments up to 100%. Colour mapping feature links Speed, Power, Frequency, and Raster/Vector mode		
Print Interface	USB, Wireless, and 10Base-T Ethernet. Windows 7/8/10 compatible		
Size: (W x D x H)	1003 x 673 x 455mm (39.5" x 26.5" x 17.9")	1055 x 834 x 967mm (41.52" x 32.81" x 38.04")	1359 x 834 x 967mmn (53.52" x 32.81" x 38.04")
Weight	63kg (138 lbs).	102kg (225 lbs)	117kg (260 lbs)
Electrical	110 to 240 volts, 50 or 60Hz, single phase.		
Ventilation	350 - 400 CFM (595 - 680 m3/hr) external exhaust to outside or internal filtration unit required. One output port 102mm (4")		
Safety	Class 2 laser product. 1mW CW MAXIMUM 600 - 700 nm		