

EPILOG mini

Technical Specifications



EPILOG
mini 18x12

EPILOG
mini 24x12

Integrating the features
you need most
SavesYouMoney.



EPILOG
mini 24x12

EPILOG
mini 18x12

Max Engraving Area	18" x 12" (457 x 305 mm)	24" x 12" (610 x 305 mm)
Max Material Thickness	4" (101 mm). Remove Table for 6" (152 mm) depth and 17.5" x 10" (444 x 254 mm) engraving area.	6" (152 mm). Remove Table for 8" (203 mm) depth and 23.5" x 11.75" (597 x 298 mm) engraving area.
Laser Tube Wattages	25, 35, and 45 watts	35, 40, and 45 watts
Standard Features	Air Assist, Auto Focus, Red Dot Pointer, Integrated Vector Grid & Vacuum Table, 2" (51 mm) Focus Lens, Relocatable Home Position.	Radiance™ High Energy Optics, Air Assist, Auto Focus, Red Dot Pointer, Integrated Vector Grid & Vacuum Table, 2" (51 mm) Focus Lens, Relocatable Home Position.
Intelligent Memory Buffer	Store unlimited files up to 64 MB. Rolling buffer allows files of any size to be engraved.	
Operating Modes	Optimized raster engraving, vector cutting or combined raster/vector mode.	
Motion Control System	High-speed, continuous-loop, DC servomotors using linear and rotary encoding technology for precise positioning.	
Laser Source	State-of-the-art, digitally controlled, air-cooled CO ₂ laser tubes are fully modular, permanently aligned, and field replaceable.	
X-Axis Bearings	Ground and polished stainless steel NeverWear™ Bearing system.	
Belts	Advanced B-style doublewide Kevlar precision drive belts.	
Resolution	User controlled from 75 to 1200 dpi.	
Speed and Power Control for Raster/Vector	Computer or manually controlled speed and power in 1% increments to 100%. Vector color mapping links speed and power settings to any RGB color.	
Print Interface	Ethernet or USB connection. Compatible with Windows 2000/XP.	
Size	27.5" W x 12.5" H x 25.5" D (699 x 318 x 647 mm)	34.5" W x 16" H x 24.5" D (876 x 406 x 622 mm)
Weight	70 lbs. (32 kg) – 100 lbs. (45.5 kg) with stand.	90 lbs. (41 kg) – 120 lbs. (55 kg) with stand.
Electrical Requirements	Auto-switching power supply accommodates 110 to 240 volts, 50 or 60 Hz, single phase, 15 amp AC.	
Ventilation System	External exhaust to the outside required. There is 1 output port, 4" in diameter.	

Technical specifications and product configurations subject to change without notice.

Creating the best quality
in the industry
MakesYouMoney.

EPILOG mini

16371 Table Mountain Pkwy.
Golden, CO 80403
Toll Free 888-437-4564
Phone: 303-277-1188
sales@epiloglaser.com
www.epiloglaser.com



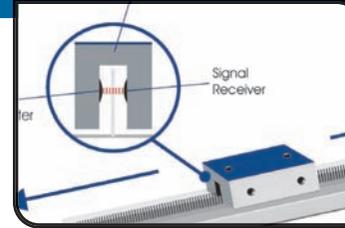
HyperDrive Technology



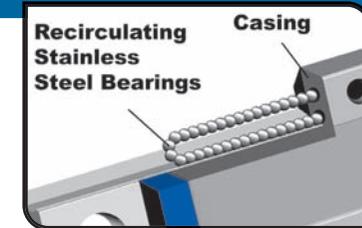
Integrated Vector Grid



Linear Guides



NeverWear™ Bearings



Epilog Mini 18 and Mini 24

Epilog's entry-level laser system is offered in two convenient size configurations and has set new standards for low cost, high performance laser systems. The Mini does not compromise on features, engraving quality or build quality and has established itself as a truly affordable, small format laser system.

The Most Standard Features

At Epilog, we don't believe that you should have to purchase a lot of extras to have a complete laser system. That's why we include the standard features that many other manufacturers offer as optional equipment.

Integrated Vector Grid and Vacuum Table

One of the most unique features of the Epilog Mini is the Integrated Vector Grid and Vacuum Hold Down Table. The engraving table is a magnetic, stainless steel table that allows you to easily line up your project for engraving. By raising the rulers on the engraving table and lifting out the Task Plate you can access the Integrated Vector Grid, which reduces backside burning by allowing excess heat and smoke to be vented downward through the honeycomb cutting grid. The Integrated Vector Grid can also be removed to access two additional inches (51 mm) for engraving tall items. The exhaust ports located under the engraving table allows it to operate as a vacuum table by holding down fabric, bowed aluminum sheets, flexibrass, and many other thin, light weight materials!

Best Technical Support in the Industry

Support isn't just about what happens if your machine breaks down. It's also about the resources provided after the sale. At Epilog we pride ourselves on

having the best Technical Support department in the industry, as well as a website that is loaded with informational resources that will help you make money.



NeverWear™ Stainless Steel Bearings

Over 15 years ago, Epilog used its first stainless steel bearings, and many of these first laser systems are still running – hence the NeverWear name! There is no other bearing system that is as fast, smooth and reliable as our linear bearing system. Each slider unit contains 64 recirculating stainless steel bearings, which allows the NeverWear bearing system to operate at the highest speeds, day in and day out, without ever having to worry about failure, replacement or the inevitable wobble that less robust bearing systems experience. Epilog's NeverWear bearings provide the accuracy, repeatability and precision that demanding laser applications require.

Waveguide Laser Tubes

The Waveguide laser tubes used in Epilog's laser systems produce the best beam quality in the industry. Epilog's laser tubes provide the highest quality engraving and cutting available with higher CO₂ gas pressure, less stringent mirror alignment requirements, faster switching rates and a smaller bore.

Made in the USA Quality

Since 1988, Epilog Laser has focused on designing and manufacturing world-class laser systems. With corporate headquarters based at the foothills of the Rocky Mountains, Epilog's name is known throughout the world for innovative laser system technology and an unsurpassed commitment to customer service and quality.

