

ML Series

Mid-Range Flat Laser System

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Features

- Comprehensive product and power range
- Versatile substrate cutting compatibility
- Compact footprint
- Unobstructed table access
- Ergonomically friendly
- Low-noise operation
- Built-in safety beam security system
- Windows front end
- Touch screen availability
- Steel cutting kit availability

Gerber Innovations is very proud to offer its latest technological breakthrough: the ML Series mid-range laser system—the most efficient on the market today!

The ML Series is the ideal die making system for the first time user, as a back-up for an existing high-powered user or for the establishment of an in-house department by an end-user.

This new addition to the long legacy of industry leading laser systems represents over 20 years of experience and over five years of advanced design and development.

The ML Series is the third generation of technically advanced laser systems complementing the 250 plus high-powered installations worldwide. It features a comprehensive range of sizes and power levels, a built-in safety beam, a compact foot print, unobstructed table access, ergonomically friendly height and low noise operation. In addition, the ML Series now comes with the option of a steel cutting kit.

The Windows Front End graphical user interface offers all the tools for an independent off-line production system while maintaining compatibility with all major CAD systems on the market today. It is also available with an easy to use touch screen option.



Laser head



Dieboard



Blanking tool

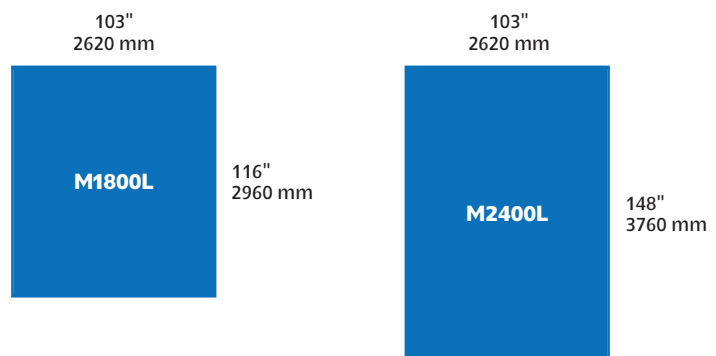
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Technical Specifications

Model	M1800L	M2400L
Work Area	60" x 72" (1524 x 1829 mm)	60" x 96" (1524 x 2438 mm)
Position Accuracy	0.002" per 12" of travel 0.167 mm per meter of travel	
Repeatability	± 0.002" (0.05 mm)	
Maximum Speed	765" per minute (19.4 meters per minute)	
Acceleration	0.15 G	
Maximum Material Weight	400 lbs. (182 kg)	650 lbs. (295 kg)
Laser Type	Class 4 Laser Product, Rofin Sinar Diffusion-Cooled CO ₂ Slab	
Laser Power	300 and 600 Watt	
Construction	Stationary work piece, moving laser with fixed optical path	
Lens	3.75", 5" or 7.5" Focal Length	
Compatibility	DXF, HPGL, DDES, CFF2	
Interface	RS 232C, Network	
Operator Interface	Gerber Innovations Windows Front End, handheld controller	
Typical Performance	2 pt cut 0.625" Maple = 30 in/min @ 600 Watts 2 pt cut 0.625" Birch = 35 in/min @ 600 Watts	

Technical specifications subject to change.

Overall Dimensions



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