

RQL Series

Quick Mount Laser Cutting System

Plotting > *Cutting* > *Creasing* > *Routing* > *Drilling*



Features

- Up to 2500 watts of either CO2 or SLAB technology
- Easy to use, fully integrated PC control
- Integrated router for ejection rubber cavities

The Gerber Innovations RQL (Rotary Quick Lock) Series Laser combines the latest high-power laser technology with an easy to use, patented “quick lock” mounting system. This system provides much faster set-up and more throughput than our traditional RL board. A 1,000 inch, 5/8" shell can be completely set up and finished in under 30 minutes.

To further increase productivity, lower operating cost and reduce exhaust, our laser blade cutting process makes quick work out of larger four and six point cuts. By focusing the laser to a tight one point wide beam, it makes two highly accurate parallel cuts, offset by two or four points, to allow for a small slice of wood to drop out.

With the optional Off-Line Rotary Mounting Fixture, the laser operator can easily set up the next shell while the laser is operating, to allow for board changeover in less than a minute!

RQL rotary laser systems can be combined and customized with our Fast Trak flat table, producing the most advanced combination laser system in the dieboard industry.

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Technical Specifications

Model	RQL 2600	RQL 3000
Cylinder Length	102.5"	118.5"
Shell Diameter	8" minimum outside diameter 28" maximum outside diameter	
Laser and Drill Travel	102.5"	118.5"
Router Travel	97.5"	113.5"
Repeatability	+/- 0.002"	
Maximum Speed	Up to 800" per minute	
Laser Types	PRC Fast Flow Turbo CO ₂ Rofin Sinar Diffusion-Cooled CO ₂ Slab	
Laser Power	PRC Units 1000, 1500, 2500 Watts	
Rofin Units	1000, 2000, 2500 Watts	
Typical Performance @ 2500 Watts	2 point 0.625 Maple = 106 in. per minute 2 point 0.625 Birch = 132 in. per minute	

Technical specifications subject to change.

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