

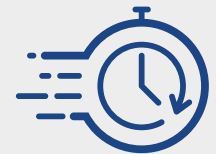
Next Generation Laser Welding Solutions

Branson™ GLX Series with higher power levels help manufacturers improve throughput, with the highest quality welds

Challenges

Competitive automotive & medical device sectors face growing pressures on manufacturing speed and efficiency and need to maximize productivity.

**FAST
CYCLE
TIMES**



Consumers are increasingly demanding plastic components with superior aesthetic appearance and increasing geometric 3D complexity. Product designers are tasked with incorporating barely visible flash free weld lines into their designs, whilst offering maximum functional performance.

**HIGH
QUALITY
AESTHETICS**



Manufacturing systems face a variety of reliability challenges that can impact their efficiency, productivity, and overall performance. Equipment reliability is a common issue causing machinery breakdowns, failures and are disrupting production schedules, leading to downtime and increased maintenance costs.

**ENHANCED
SYSTEM
RELIABILITY**



Improved cycle times, enhanced productivity and efficiency

By reducing your manufacturing cycle times, you can improve productivity and efficiency. Branson's GLX laser welders provide unmatched production efficiency. Fast and simultaneous welding results in a quick cycle time enhancing your productivity whilst delivering exceptional quality.

Superior aesthetic finish

Branson's GLX laser welders' uniform distribution of energy over the entire fiber bundle surface, results in excellent visual aesthetic of the weld line with superior quality and flash-free, perfect for applications like rear lamps encompassing a visible weld line.

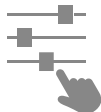
Reliability is key to consistent manufacturing

Branson's GLX laser welders enhanced reliability capabilities reduces the total number of rejected products and will enable you to increase your throughput and reduce waste, and offer a reliable, repeatable, and durable solution that supports your need for consistent manufacturing of high-speed, high-volume applications.

Key features



Higher Power Levels Available



Improved Application Capabilities



Laser unwelding Capability



Enhanced Laser Bank Efficiency



IIoT Readiness



Exceptional Quality

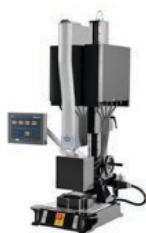


Provides greater Design Freedom



Enhancement For Clean Room Environment

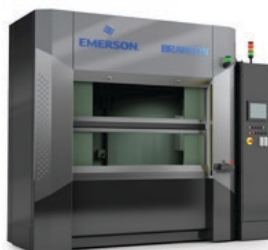
GLX-1 Laser Welder



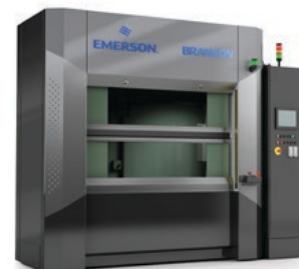
GLX-1.5 Laser Welder



GLX-3 Laser Welder



GLX-4 Laser Welder



Micro / Small Parts

Very Large Parts

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