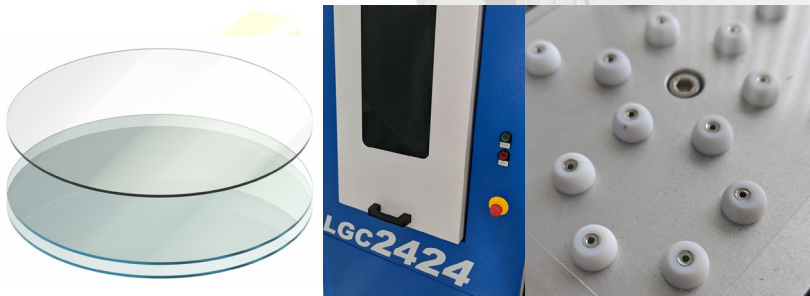


LGC1212 / 2418 / 2424

Laser Glass Cutting Platform

LGC1212 & LGC2418 are an industrial laser glass cutting platform built based on combinatorial innovation. BOLD has dovetailed unique laser processes for cutting structured transparent materials with semiconductor and glass industry standard material handling methods.

The LGC1212 & LGC2418 are a cost effective tool that allows the glass industry to better meet their customer or market needs and gain a competitive advantage. Having options for cutting a range of glass thickness of 0.55 mm to >2 mm with an ability to cut complex curves, notches and holes opens new opportunities.



Glass Cutting complex Geometry, Industrial Design and Customized Wafer Chuck Design

BOLD LGC1212 & LGC2418 can be built for both factory floor settings or cleanroom operations, including palletized, manual and conveyor based load and unload.

FEATURES & BENEFITS

- Laser Options
 - Picosecond & Femtosecond Sources
- Laser Cut Speeds
 - Standard: 350-500 mm/sec
 - Options: ~1 M/sec
- LGC1212 – 12"x12" Max Glass Size
- LGC2418 – 24"x12" Max Glass Size
- LGC2424 – 24"x24" Max Glass Size
 - Option: Larger & Custom Sizes
- Standard Laser Cut Accuracy
 - Standard: ± 0.100 mm
 - Option₁: Precision ± 0.025 mm
 - Option₂: Semi Precision ± 0.010 mm
- Glass Thickness: 0.55 to 1 mm
 - Options: <0.55 mm
 - Options: >1 mm
- Complex Curve Cutting
- Notching > $\varnothing 25$ mm & Hole Formation > $\varnothing 8$ mm
 - Thin Glass <0.85 mm
 - Thick Glass >1 mm
- Positioning Locators (Drop Down)
- ML and CL Modes (Manual / Conveyor Loading)
- NC Code Converter (CAD/CAM package)
- Manual Breakout Table Options
- HMI / GUI / Computer
- Safety Fencing / FDA CDRH Registered
- NFPA 79 / UL Standards / CE
- Inkjet Product Codes / Tag Option

