



Magnification: X200.0

LGC3626

Laser Glass Cutting Platform

LGC3626 is an industrial laser glass cutting platform built based on combinatorial innovation. BOLD has dovetailed unique laser processes for cutting structured transparent materials with glass industry standard material handling.

The LGC3626 is 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 thicknesses from 0.55 mm to >8 mm and a ability to cut complex curves, notches and holes opens new opportunities.



FEATURES & BENEFITS

- Laser Options
 - Picosecond & Femtosecond Sources
- Laser Cut Speeds
 - Standard: 350-500 mm/sec
 - Options: ~1 M/sec
- 144"x102" (3.6 M x 2.6 M) Max Glass Size
 - Option: Larger & Custom Sizes
- Standard Laser Cut Accuracy
 - Standard: ± 0.125 mm
 - Option: High Precision ± 0.050 mm
- Glass Thickness: 0.55 to 8 mm
 - Options: <0.55 mm & >8 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

BOLD LGC3626 can be built for both factory floor settings or cleanroom operations, including palletized loading/unloading and conveyor based load and unload.

