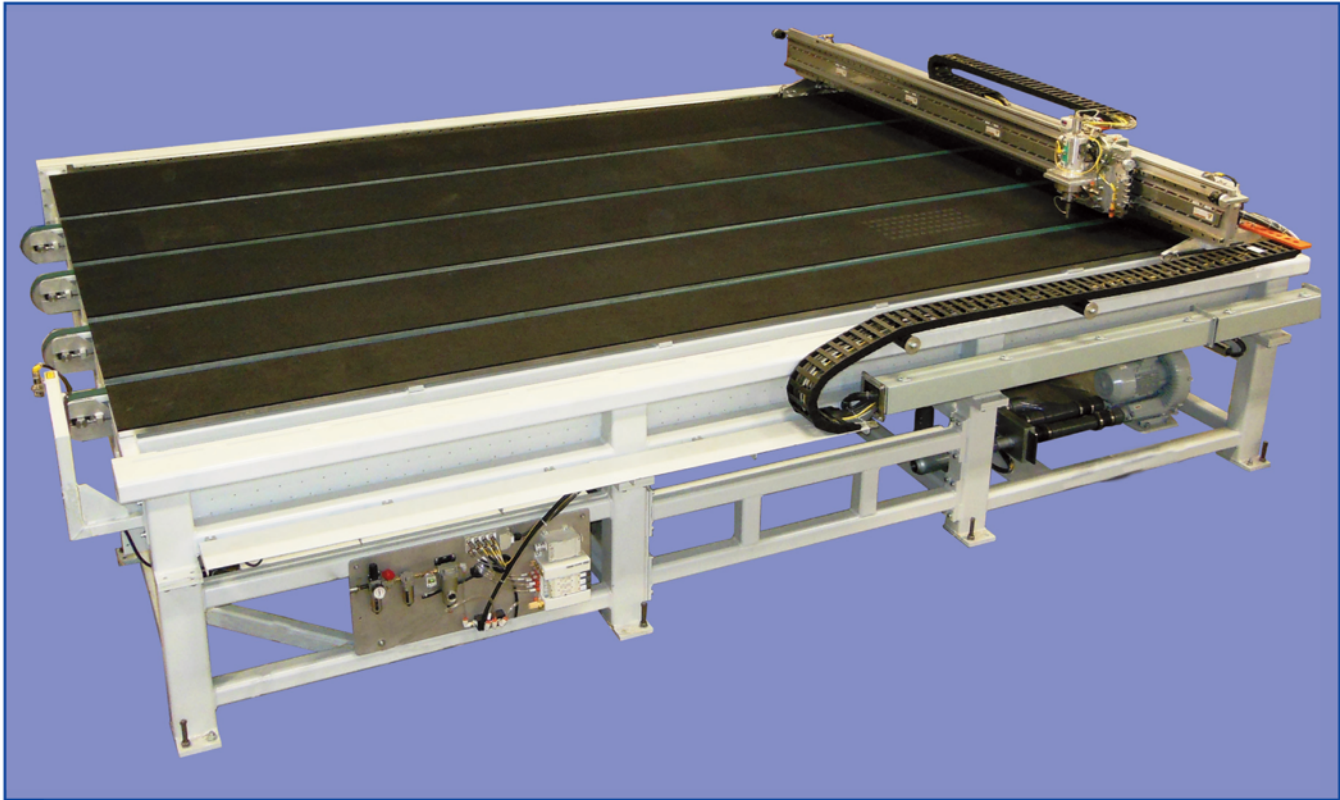


CNC CUTTING SYSTEMS

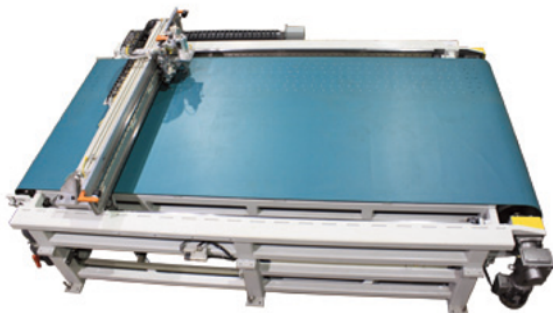


The D8102 Series CNC glass cutting machine system consists of an X-Y moving bridge utilizing linear motors for high speed and, more importantly, extremely short acceleration / deceleration times.

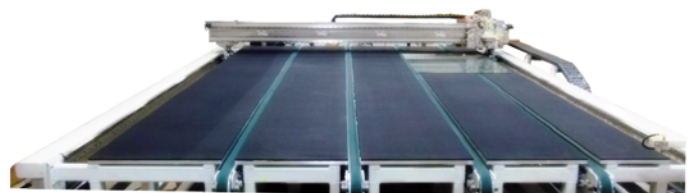
Attached to the bridge is a cutting head which includes a servo rotation axis for precise cutting wheel control. The machine is specifically designed so no belts or gears are required.

Glassline's cutting table typically utilizes aluminum tooling plate for rigidity and planarity. This can be covered with a non-scratch material such as felt or laminate.

Different conveyor options are available including strip belts or a full width belt which allows for cyclical cleaning via brush.



60" x 90" cutter



108" x 144" cutter

CNC Cutting Systems

SPECIFICATIONS

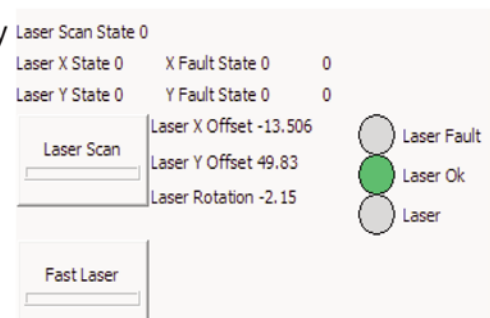
D8102	Specifications
Glass Size (maximum)	1m x 1m, 1.5m x 2.28, 1.5m x 1.5m 2.74m x 3.65m
Thickness	2 to 12 mm (others optional)
Axis Speeds	3 m per second maximum (approximate) with 1g acceleration (9.8 m/s ²)
Voltage	480 VAC / 3P nominal / 60 Hz (also available 380 or 575) 24 VDC control
CNC	Windows PC based controls with flat panel touch screen interface

FEATURES

- ▶ Linear motors on X-Y axis ensures lower cycle time and fewer moving part, hence lower maintenance costs and improved uptime
- ▶ Windows CNC controls (commercially available hardware) for operator ease and low cost
- ▶ Optimized programming features including optional **GLASSLINE** *ShapeFit* software
- ▶ Rotational Servo Axis - no belts or gears, for high quality and low maintenance
- ▶ Aluminum bridge components provide lower cycle time and greater accuracy
- ▶ Blower/Vacuum System to hold glass provides optimal quality
- ▶ Integrated electrical panel for ease of startup and lower installation costs

OPTIONS

- ▶ Wide range of glass size and thickness capabilities
- ▶ Nesting Optimization providing ease of use and reduced scrap
- ▶ Optional voltage requirements - 380 and 575
- ▶ In-line automatic break, grind systems
- ▶ Diagonal cutting systems
- ▶ Automatic or manual load system
- ▶ Manual breakout table



Automated laser referencing of the block orientation for X & Y offset calculation available.



GLASSLINE

Glassline Corporation
28905 Glenwood Road
P.O. Box 147
Perrysburg, Ohio 43552-0147



Phone: (419) 666-5942
Fax: (419) 666-1549
E-mail: sales@glassline.com

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