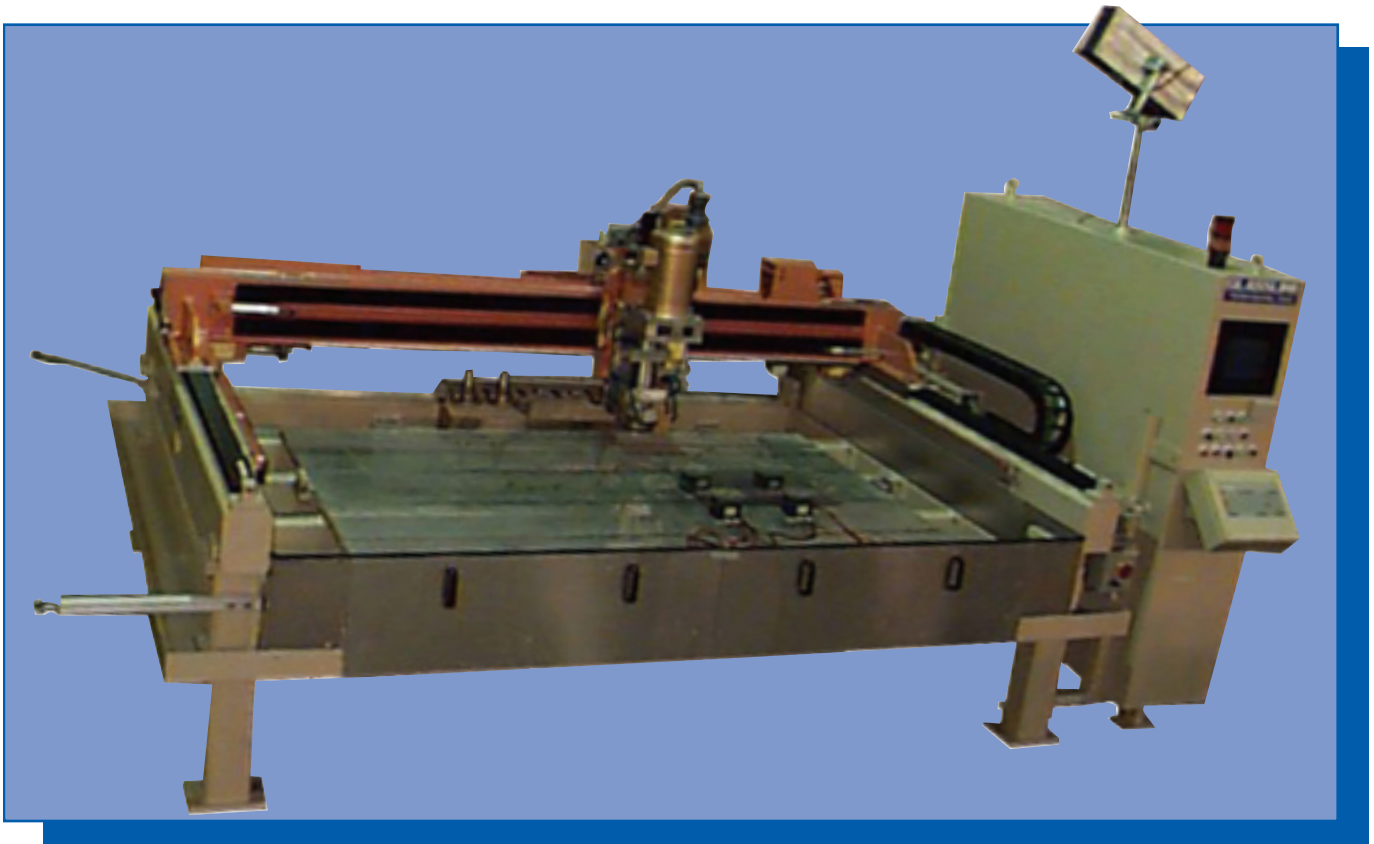


# CNC Gantry Style Shape Grinders



## Model D8003-1 Multi-Purpose CNC Glass Working Machine

Glassline makes several CNC shape grinding platforms – Rotary, X-Y, and Fixed-table. The D8003-1 CNC machine is our Fixed-Table platform machine, suited for medium and large sized shaped glass from various markets including automotive, solar, appliance, furniture, architectural and others. The fixed table platform is especially designed for glass which may require multiple passes, as the machine is equipped with a power drawbar spindle and multiple tool positions.

The machine, as standard, is a three axis machine, with an X-Y moving bridge assembly and a vertical spindle axis. The two bridge axis work together via the CNC system to provide a 2D path to grind virtually any shape. The vertical axis is used for tool changing and also adjusting the position of the various types of tools at the correct processing height. The glass support table is fixed, and adjustable vacuum cups are used to hold and support the glass.

Another notable feature of the Glassline machine is the CNC control itself. Our CNC controls have been developed over many years of experience in the glass industry, and therefore are especially suited for this purpose, as opposed to commercial CNC systems. The CNC algorithms have also been developed especially for glass grinding to provide the optimum performance of the system. All CNC hardware has been selected with the Customer in mind. (Commercially available hardware makes it easy to obtain replacement parts.) A Windows XP operating system provides a solid working foundation and ease of operator use. A color touchscreen is also provided.

Automatic load and unload systems are available to increase throughput and/or decrease operator load error and enhance safety. Automatic stoning is available to increase throughput and enhance safety. Laser referencing provides enhanced part location repeatability and ease of setup.

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## SPECIFICATIONS

Model D8003-1	Specifications
Table Size	60 x 90 inches
Glass Thickness	3 to 8 mm nominal (others optional)
Tool Magazine	5 tool holders; 10 optional (40 Taper tool core)
Spindle Motor	5 HP, 10 HP
Tool Diameter	6 inch diameter standard (others available)
Transportation Height	915 mm +/- 25 mm
Power Supply	480 Volt / 60 Hz / 3 Phase / Good Earthing / 24 V DC control voltage

## FEATURES

- ▶ Window XP CNC System; Color Touchscreen
- ▶ Automatic Tool Changes
- ▶ Heavy duty structural design
- ▶ Double-Sided glass holding vacuum cups

## OPTIONS

- ▶ Laser Referencing aid for easier set up
- ▶ Laser Pattern Generator for easier cup placement
- ▶ Light Curtain



*CNC Shape Grinding Heads*

## **GLASSLINE**

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