

# CNC Vinyl Slicer



## D8001 4-Axis CNC Vinyl Slicer - with Dual (Servo) Load/Unload Table

Glassline Vinyl Slitters are designed to cut shapes in a stack of pre-cut PVB sheets. Thus, eliminating the need for trimming of the excess PVB which hangs out from a glass pair assembly (such as windshields); and typically requires 2 men for each production shift. Glassline slitters are able to cut the vinyl to a tight tolerance, therefore trimming after assembly is normally not required. Assuming an assembly cycle time of 15 seconds, the machine can cut parts at more than 3 times the rate of the assembly line – in affect, allowing a day's worth of assembly production to be cut in less than one shift.

Glassline CNC vinyl slicers offer the ultimate flexibility and efficiency. Depending on how the production is scheduled, the shape of the vinyl can be adjusted as required to compensate for additional PVB snapback on stretched vinyl, for bend depth variations, etc. Through increased operator run experience, vinyl savings can be realized by reducing the amount of scrap.

The 4-axes include the X-Y bridge axis, plus head vertical travel and rotation. The vertical axis allows for precise setting of cut height, and the rotation axis provides for precision alignment and control of the blade orientation.

Two vinyl tables allow for processing while loading and unloading. The tables are machined to a tight tolerance, and include vacuum.

**GLASSLINE**

# CNC Vinyl Slicer

## SPECIFICATIONS

D8001	Specifications
Maximum Cut Size	96 x 60 inches
Orientation	Long Edge Leading (optional short edge leading)
Nominal Vinyl Thickness	7 - 10 pieces, 0.030 inch thick
Cycle Time	20 - 30 seconds nominal part shape/size (operator dependent)
Maximum Design Speed	2400 IPM (actual cut speed dependent on vinyl and other factors)
Positioning Accuracy	0.0008 inches
Index Repeatability	0.04 inches
Table Level	+/- 0.005 inches
Table Height	34 inches +/- 1 inch

## FEATURES:

- ▶ Automatic Blade Alignment
- ▶ Dual Tables for High Output
- ▶ Vacuum Holding and Clamping Systems
- ▶ Glassline ShapeFit Software and one key are included – allowing adjustment of the shape, speeds, and other CNC movements. Shapes can be edited on-line at the machine or offline on another computer. If it is desired to run the software on more than one computer, additional keys can be purchased. Optional networking cards are available, as well as networking programming should it be required.

## OPTIONS:

- ▶ Laser Load Assist Option – as an added feature to aid in the positioning of the uncut vinyl stacks on the load table, a laser path generator is available. This laser system is tied into the CNC controls so that by calling up a specific part number; a part specific pattern is generated.
- ▶ Additional software keys and networking cards available (see Features above)

## **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

The information provided herein is intended to give a general overview of the machinery concept. Glassline provides no warranty, either express or implied, nor fitness for a particular purpose or merchantability, based on the information provided in this document.