

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

Phone: 419/666-5942
 Fax : 419/666-1549
 E-mail: sales@glassline.com
www.glassline.com

CNC Grinder Project Requirements

Customer: _____ Date(controlled): _____
 Customer Contact: _____ Technical Salesperson: _____
 Quote Deadline: _____ Desired Install Date: _____

General

Glass to be processed: W/S B/L S/L Q/L Appl Decorative Resid/Arch
 Glass Shape: Rectangles Simple/Symmetrical Shapes Asymmetrical Shapes

Layout Configuration

Type of Machine Preferred: X Bridge-Y Table Polar X-Y Bridge(fixed table)
 Qty. of Machines Needed: _____
 Manual Load Grinder - Squaring Type: Manual Locators Auto Locate(describe) _____
 Auto Load Grinder
 Automatic Configuration(see additional shuttle spec. sheet if applicable):
 In-line, presquared In-Line, NOT presquared OR Manual Load to: Conveyor or Reference Table
 Auto Unload Grinder Flow Through Orientation: LEL SEL
 List any other Layout requirements(e.g. rotator, dropoff conveyor, etc.)

Squaring Type: 7 Axis 2-axis Auto-Setup or Manual Setup
 Other layout requirements(e.g. panel location, remote operator station):

Technical Data

Maximum Part Size(mm): _____ Length, _____ Width, _____ Diam.
 Minimum Part Size(mm): _____ Length, _____ Width, _____ Diam. (fits within approx. center of all parts)
 Nominal Part Size(mm): _____ Length, _____ Width, _____ Diam.
 Part Thickness(mm): _____ max, _____ min.
 Grinder Line Height: _____ mm Washer or Cutter Ht: _____
 Wheel: OD _____ mm Type: Ring 2.5"bore Other: _____
 Main Electrical Supply: _____ volts AC, _____ phase, _____ Hertz
 Control Voltage: _____ volts AC DC
 Compressed Air Supply: _____
 Vacuum Supply: On Machine Plant Supply Spec: _____
 Desired coolant flow rate: _____ lpm Distance(Vert&Horiz) to Filtration: _____ mtr
 Paint Color: _____ (Glassline standard is Epoxy Based Paint – Pelt Color)

Performance Requirements

Part-to-Part Cycle Time Needed(Gross): Large Size: < _____ sec., Nominal Size <: _____ sec. Min. Size: < _____ sec
 Cycle Dependant on Glass Removal Requirements: Approx. Removal per side: _____ mm
 Required Passes(grind, bevel, polish, etc.): _____ List: _____
 Desired Feed Rate: _____ m/min
 Grind Repeatability Desired: _____ mm part-to-part 50pc sampling: _____ mm Cp: _____
 #1 Edge All Around: Allowable Skips/dist.: _____ per _____ mm
 Other Quality or Performance Related Requirements:

Machine Options or Features(availability varies by application)

Vacuum Cup Array: Yes – If central chuck also reqd, list Size: _____mm
Auto Unload Belts instead of shuttle: Yes # of belts required. Spacing: _____
High Speed Index Table D6052 model(polar style only – 24" or 40"): 24" max diag. 40" max diag.
Tool-Change: None Manual Drawbar Semi-Auto(Key-Power) Fully Auto
Vertical Axis: Yes Amount of Travel Needed: _____ mm
Polishing Option: Yes Special Needs: _____
Automatic Stoning: Yes
Laser Referencing Desired: Yes
Mist Collection: - is Open tank reqd? – Then Size: _____ltr - Style: Sloped Flat Lift Out Section
Preferred Wheel size(s): _____mm (standard sizes vary)
Partial Grinding(i.e. 3 sides only): Describe Need: _____
Curve Fit Software(ShapeFit): Need Existing from _____
Unload Shuttle Options: Edge Grippers in lieu of Vac. Rotate _____Degrees

Safety

Included or By Customer Quote as Option
Type: Fence Light Curtain Pull Cord Foot Sw.
Other Safety Needs or Desires:

Special Concerns or Needs(e.g. asymmetrical shapes)

Other Requirements or Needs(Please attach additional specifications)

List All Included Docs(must be controlled):

Glassline Electrical Spec. Sheet – dated - _____

Engineering Feedback/Issues or Required changes to above Requests(or attach additional docs):

Responsible Eng.Approval: _____ Print _____

Responsible Mgr Approval: _____ Print _____