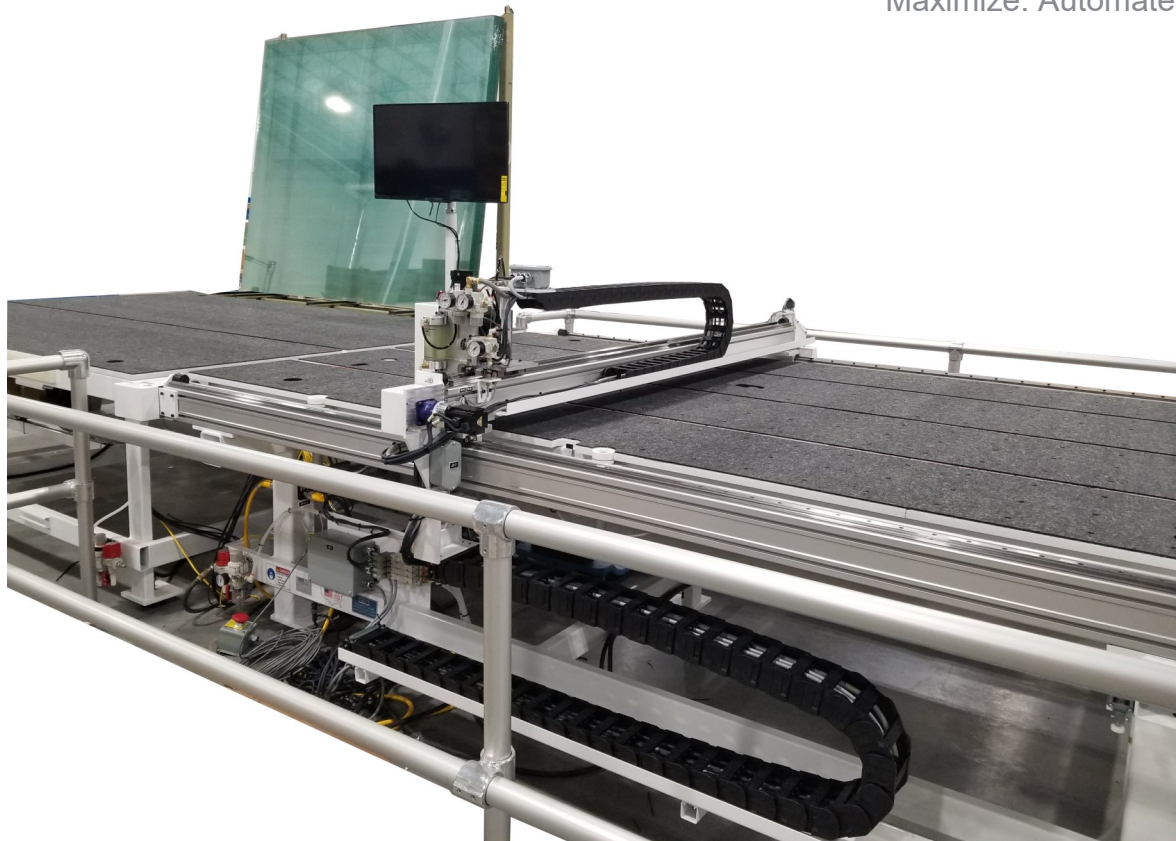


Maximize. Automate. Enhance.



## i About

Maximize glass utilization while getting the highest yield with the least amount of scrap. The 1600 Automated Glass Cutting System provides improved quality and productivity with high throughput capacity and fast total cycle time. The 1600 cuts up to 72" x 96" x 1/4" glass sheets, and can simultaneously cut different shapes. With state-of-the-art scoring precision, it provides accurate and repeatable cut glass lites and break out shift after shift. Integrated GED Software provides numerous options for sorting, including window line, tempering, beveling and laminating.

## ✓ Features

- Unlimited shape cutting capabilities with pneumatic controlled cutting head – capable of tight radius cuts
- Fully integrated with GED optimization and software modules
- Integrated one-touch remake capability
- Shop floor optimization and easy-to-use Manual Data Input (MDI)
- Integration with several automatic glass loading options.
- Multi-function breakout monitor with 4 mounting locations
- Automatic Glass Squaring
- Floating cutting head

**Performance Specifications**

- **Max. lite size:** 72" x 96" x 1/4" (1.83m x 2.44m x 6.35mm)
- **Min. lite size:** 48" x 60" x 3/32" (1.22m x 1.52m x 2.38mm)
- **Cutting feed rate:** 3500in/min (88.9m/min)
- **Diagonal feed rate:** 2000in/min (50.8m/min)
- **Arc feed rate:** 750in/min (19.05m/min)

**Standard Equipment**

- Ethernet file transfer
- CNC Cutting Table
- Float Table
- Breakout Table

**Software Upgrade Options**

- WinCut i-3 with LookAhead
- RemakeNow®
- WinIG® Front Office
- i-Sight

**Machine Upgrade Options**

- Extended Air Flotation Table
- Additional Flotation Table
- Additional Breakout Table

**System Software**

- Windows™ Operating System
- WinCut® i-3 with
  - Manual Data Input (MDI) capabilities
  - Operator help screens
  - Software diagnostics (Maintenance troubleshooting of components)
  - Shapes capability
  - Software for remote diagnostics

**Complimentary Products**

- WinCut® i-3 with LookAhead
- Glass loading systems
- Glass Harp Carts
- Free-Fall Glass Rack & Base
- RemakeNow®
- WinIG Front Office

**LookAhead Option**

- Dynamic optimization to minimize scrap including:
  - Optimization across multiple batches/schedules
  - Multiple last sheet options
  - Minimum yield sheet selection
  - Filler lite insertion
  - Automatic remake insertion and optimization
  - Hot (rush) schedule insertion on-the-fly

**Preferred Service Package**

- Pre-installation service call
- Machine installation
- Standard GED 1-Year Equipment Warranty
- Machine operator/maintenance training



**Request for Quote**

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Designed & Manufactured in the USA

**About GED Integrated Solutions**

GED Integrated Solutions is a Worldwide Supplier of fully integrated insulating glass (IG), vinyl window and door robotic automation fabrication systems and software. GED leads the industry with quality, capacity and cost-effective solutions as demonstrated by the revolutionary *Intercept*® Warm Edge spacer frame production systems as well as our innovative vinyl automation systems and value-driven scheduling and analytics software. GED's commitment to innovation, that addresses our customers' needs, is proven by the fact that 22 of the top 25 window and door manufacturers utilize GED's equipment and software.