



Speed. Precision. Flexibility.

## i About

The new CleanCut™ series includes 1700/1800 models (for cutting) and 1700-D/1800-D models (cutting and deletion) boasts enhanced speed, updated technical features, and increased throughput while maintaining the options manufacturers want when selecting a glass production system.

## ✓ Features, Functions, Benefits

- **Single bridge cutting table with proprietary edge deletion head option** for a highly flexible system that allows you to implement the system that fits your needs and budget and allows for field modifications to add deletion head if required.
- **Programmable cutting and deletion force uses electro-pneumatic actuation** to deliver precise amounts of pressure for each glass stock resulting in reduced glass waste due to breakage, improved scoring and deletion quality and reduced operations disruption.
- **Rapid processing time** from start to finish improves glass load time(s) and optimizes motor acceleration and time driven events profiles to maximize glass throughput to achieve exceptional per unit time.
- **New stationary belt drive system** has a unique, low-backlash drive design that provides high-precision and allows for high speed and high-acceleration to deliver better performance with less maintenance.
- **True servo drive of GED patented deletion head** is a direct drive system that eliminates slipping due the absence of coupling components, improves edge deletion quality, provides longer deletion wheel service life, and requires less maintenance.
- **Short cutting-head travel path**—where the cutting post to glass relative position is automatically adjusted based on glass stock thickness—leads to a reduction in nonvalue added runtime and allows for greater throughput.
- **Powered by GED Software** with on-screen diagnostics and ethernet connectivity that has a single I/O cable connecting the control cabin to the machine peripherals, providing quick on-screen fault detection and remote diagnostics capabilities.
- **Easily accessible cutting fluid reservoir** (where the air powered, single gallon, see-through reservoir is mounted to the bottom of the cutting table) is easily refilled in minutes, ensuring maximum score quality, preventing unplanned downtime and eliminating leaks on the cutting table.
- **HEPA vacuum filter** with replaceable air filter clears the air from irritable glass particles. A filter change indicator shows when it's time for a filter replacement to ensures a safe and conformable work environment while meeting and exceeding air quality regulations.
- **Seamless integration with GED Software**, the machine connects to WinIG® to extract batch and cut file(s) information. No additional software setup is required, which means less data maintenance with new stock introduction.

\*CleanCut- i-3 has a separate sales sheet.

**✓ Features, Functions, Benefits Cont.**

- **Enhanced perimeter fencing** with automatic lockout features in which the fencing encloses the cutting and deletion bridge to ensure a safe operation.
- **Regeneration brake system** feeds unused power back to grid to provide energy savings and reduce the elimination of braking resistors and excessive heat generation.

**▮ Performance Specifications**

	1700 Series		1800 Series	
Measurement	Min	Max	Min	Max
Plate Outside Dimensions	48"x60"	72"x102"	48"x60"	96"x130"
Thickness	2.5mm (0.093")	6mm (0.25")	2.5mm (0.093")	6mm (0.25")

**▶ Standard Equipment**

- Cutting and Breaking Table
- Safety Caging
- Enhanced perimeter fencing
- Regeneration brake system
- HEPA vacuum filter

**▶ Upgrade Options**

- Edge deletion can be ordered as standard or as an after-market modification

**⚙ System Software**

- Able to cut any shape in the standard WinIG shape catalog
- CleanCut Setup Wizard
- Integrated one-touch remake capability
- Shop floor optimization and easy-to-use Manual Data Input (MDI)
- Loader Interface capable
- Operator HMI

**▶ Complimentary Products**

- RemakeNow®, Glass On Demand, WinIG®, LookAhead, etc.\*
- Free Fall Rack & Base

\*Verify compatibility with software engineering.

**▶ Preferred Service Package**

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

**RFQ 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.