



PERFECT SCORE TECHNOLOGIES

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Aculite EconoCut

Model: AE

Designed for Automated Precision Glass Shape Cutting

The **Aculite EconoCut** is an affordable CNC glass cutting table designed for small to mid-sized glass fabricators, mirror shops, and insulating glass manufacturers. Combining high-speed servo-driven motion with powerful optimization software, the EconoCut delivers accurate scoring of rectangles, geometric shapes, and custom DXF patterns while improving glass yield, reducing waste, and increasing production efficiency.

Features & Specifications

- Designed for automated cutting of glass, mirrors, and insulating glass components.
- CNC **3-axis (X, Y, Z)** motion for precision scoring of rectangles, geometric shapes, and custom profiles.
- High-speed scoring up to **3,000 IPM (50 in/sec)**.
- Rapid acceleration of **85 in/sec²**, reaching full speed in approximately **0.5 seconds**.
- Scores glass from **2 mm to 10 mm (single strength to 3/8")**.
- Precision scoring accuracy of **±1/64"**.
- Servo-driven motion system with high-resolution digital motors for smooth, accurate positioning.
- Integrated pneumatic pop-up positioning stops for fast, repeatable glass alignment.
- Heavy-duty all MIG-welded **3" x 2" and 3" x 3" tubular steel** frame construction.
- Equipped with a **3 HP full-plenum air flotation system** for effortless glass movement.

Software Features

- Licensed Aculite optimization software included at no additional cost.
- Optimizes multiple orders, glass sizes, and glass types to maximize material yield.
- Built-in library of **22+ standard geometric shapes**.
- Direct import of **DXF files** for custom shape cutting.
- Software-controlled machine setup minimizes mechanical adjustments.
- Simple, user-friendly interface for fast programming and operation.

Available Models

- **72" x 96" Cutting Envelope**
- **102" x 144" Cutting Envelope**

Typical Applications

- Architectural glass fabrication
- Mirror production
- Insulating glass manufacturing
- Custom glass shape cutting
- Specialty and replacement glass production



Why Choose the Aculite EconoCut?

- Affordable entry into CNC glass cutting without sacrificing performance.
- Improves glass yield by **10–20%** through intelligent optimization.
- Produces fast, accurate scoring of standard and custom shapes.
- Reduces manual cutting time, labor costs, and material waste.
- Heavy-duty industrial construction provides years of dependable production.

Includes powerful optimization and DXF software at no additional cost, delivering exceptional value and a rapid return on investment.

Model	ACULITE ECONOCUT	
	Shipping Specifications	
	Weight (Lbs.)	Dimensions (LxWxH)
AE-72x96		
AE-102x144		