



PERFECT SCORE TECHNOLOGIES

4012 Bronze Way
Phone (214) 331-0002
Email: info@pstmfg.com

Dallas, Texas 75237
Fax (214) 331-0013
Web: <http://www.pstmfg.com>

Applicator Seal Table

Model: AST

Designed for Efficient Insulated Glass Unit (IGU) Spacer Application

The PST Automatic Applicator Table is engineered to streamline the application of sealing spacer tape to the first lite of an insulating glass unit. Designed for speed, accuracy, and operator comfort, the system uses controlled vacuum cup movement and air flotation to keep glass stable and properly positioned throughout the sealing process. Its rugged construction and automated functions make it an essential workstation for high-production IG fabrication environments.

Features & Benefits

- Designed for fast, accurate application of sealing spacer tape on IG units.
- Automatic cup movement maintains glass edge positioning during rotation for consistent application.
- Manual cup rotation enhances operator safety and control.
- Heavy-duty air flotation system (3–5 HP depending on table size) allows effortless glass movement.
- Vacuum cup lifting system secures glass during operation via foot pedal control.
- Table automatically maintains edge alignment and locks at 90° intervals during rotation.
- PLC-controlled operating sequence improves repeatability and process reliability.
- Available in multiple sizes: **60" × 60" to 96" × 96"**.
- Heavy-duty 3" × 2" MIG-welded tubular steel frame for long-term durability.
- Durable Arborite solid slab tabletop for extended wear life.
- Rodless pneumatic cylinder ensures smooth, precise cup movement.
- Linear way system provides stable, controlled vacuum cup travel.
- Renewable nylon edge trim protects table surfaces and extends service life.



Technical Highlights

- Table Sizes: **60" × 60", 72" × 72", 84" × 84", 96" × 96"**
- Air System: **3–5 HP plenum air flotation (size dependent)**
- Table Top: **Arborite solid slab surface**
- Frame Construction: **3" × 2" heavy-wall MIG welded steel**
- Control System: **PLC-controlled operation**
- Motion System: **Linear way with rodless pneumatic cylinder**
- **Shipping Specifications: 1880 lb, 89 x 87 x 43 (HxWxL)**

Ships FOB Dallas, TX

Operating Sequence Overview

1. Glass lite is placed and centered over the vacuum cup.
2. Vacuum is activated via foot pedal to secure the glass.
3. Operator applies sealing spacer tape to the first lite.
4. Table rotates glass while maintaining edge alignment at all times.
5. Rotation locks at 90° intervals for precise application on all sides.
6. After completion, vacuum is released via foot pedal.
7. First lite is transferred to a tilt-top grid assembly table for final IGU build-up.

Why Choose the PST Automatic Applicator Table?

- Increases production speed while maintaining consistent sealing accuracy.
- Reduces operator fatigue with automated glass movement and air flotation support.
- Ensures precise edge alignment for high-quality IGU assembly.
- Built for heavy-duty industrial use with minimal maintenance requirements.
- Flexible sizing options allow integration into a wide range of production environments.