



PERFECT SCORE TECHNOLOGIES

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Premium Applicator Seal Table

Model: PAST

Designed for Insulated Glass Unit (IGU) Assembly and Sealing Tape Application

The PST Premium Applicator Table is engineered to streamline the assembly of insulated glass units by enabling fast, accurate application of sealing spacer tape and precise alignment of the second lite. Built on a heavy-duty automated platform with enhanced positioning features, it improves production efficiency, operator accuracy, and handling safety. The Premium version adds a grid top, vacuum hold-down, and pop-up alignment stops for superior control throughout the assembly process.

Features & Benefits

- Designed for rapid application of sealing spacer tape on IG units.
- Assists in aligning and topping the second lite onto the first with high accuracy.
- Automatic movement maintains glass edge positioning during rotation for consistent application.
- Manual cup rotation for enhanced operator safety.
- 3 HP air flotation system allows effortless glass movement across the table.
- Vacuum hold-down system secures glass during assembly.
- Hard surface grid top (5/8" centers) for precise alignment and repeatability.
- Three pop-up alignment stops improve squaring and positioning accuracy.
- Rodless pneumatic cylinder and linear way system ensure smooth, controlled movement.
- PLC-controlled operating sequence for consistent, repeatable performance.
- Heavy-duty MIG welded steel frame for long-term durability and stability.



Technical Highlights

- Table Size: **84" x 84"**
- Air System: **Plenum air flotation with dedicated supply**
- Control System: **PLC-controlled operation**
- Vacuum System: Integrated hold-down cup system
- Alignment System: 3 pop-up stops + grid top layout
- Cylinder Type: Rodless pneumatic actuators for smooth motion

Shipping Specifications: 2000 lbs, 89 x 87 x 43 (HxWxL)

Ships FOB Dallas, TX

Operating Sequence Overview

1. Glass lite is placed and centered on the vacuum cup.
2. Vacuum is activated via foot pedal to secure the lite.
3. Operator applies sealing tape while glass is rotated.
4. Table automatically maintains edge alignment and locks at 90° intervals.
5. Process repeats for all four sides.
6. Vacuum is released after completion.
7. First lite is aligned using pop-up stops, muntin bars installed, and second lite positioned.
8. Completed IG unit is transferred to heat press.

Why Choose the Premium Applicator Seal Table?

- Maximizes production speed and consistency in IG assembly.
- Reduces operator fatigue through automated handling and flotation support.
- Enhances alignment accuracy with integrated stops and grid system.
- Improves safety with controlled, predictable glass movement.
- Built for high-reliability, low-maintenance industrial performance in demanding production environments.