



**HILDITCH ENTERPRISES, INC.**

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## **AUTOMATIC APPLICATOR TABLE**



Table designed to enable manufacturing personnel to quickly apply sealing spacer to the first glass lite of an insulated unit.

- < Automatic cup movement TOWARD and AWAY from the operator during lite rotation assures that the glass edge remains on the table and positioned correctly so that the sealing operator can work quickly & efficiently.
- < For operator safety cup rotation is manual. Table is equipped with extra heavy duty 5 HP full plenum air flotation for ease of glass movement.
- < Superior construction to insure high reliability and maintenance free operation.

### **OPERATING SEQUENCE OF APPLICATOR TABLE**

The operator slides a glass lite onto the table and centers the lite over the vacuum cup & presses a foot pedal switch raising the vacuum cup that adheres to the glass lite. Operator then applies the sealing tape to the first lite, presses a foot switch to turn the glass. As the operator turns the glass lite, the applicator table automatically maintains the edge of the glass onto the table surface and locks at 90 degrees. At all times the glass edge is positioned to the front edge of the table so that operator can efficiently apply sealing tape. Glass positioning movements are repeated three times during the sealing cycle. After the last side is completed, the vacuum cup is released by activating the foot pedal switch. The first lite with sealing tape attached can now be pushed onto a Tilt Top Grid Assembly Table.

### **MECHANICAL FEATURES OF TABLE**

- < Table available in 60" x 60" , 72" x 72", 84" x 84" or 96" x 96" . Table frame fabricated from 3" x 2" heavy wall tubular steel. Frame is 100% MIG welded construction. .
- < Equipped with 5 HP Plenum Air Flotation Unit and a dedicated Air Supply Source for operating the applicator tool. For the 96+x 96+size table a 10 hp plenum air flotation system is standard.
- < Table top is fabricated from highly durable Arborite solid slab material for long life.
- < Cup actuating cylinder is pneumatic rod less type for exceptionally smooth operation.
- < Operating Sequence is PCL Controlled for improved Process and Mechanical Reliability.
- < Table is equipped with a heavy duty Linear Way System and Pneumatic Cylinder for movement of Vacuum Cup Holding Mechanism. Heavy construction for long life & maintenance free operation of table.
- < All table edges are trimmed with renewable nylon edging to prevent damage to table top covering.