

Breakout & Free Fall Air Float

Model: BRK & FFT

Breakout & Free Fall Air Float Tables – (Aculite-Style)

Designed for integration with CNC glass scoring systems such as the PST Aculite, the Aculite-Style Breakout and Free Fall Air Float Tables provide efficient glass handling, positioning, and breakout capabilities. Utilizing a full-plenum air flotation system, these tables allow operators to easily maneuver glass while minimizing surface contact and handling effort. Available in breakout or free fall configurations, they are ideal for low- to medium-volume glass fabrication operations and can be customized with a variety of options to meet specific production requirements.



Features and Specifications:

- Designed for use with CNC glass scoring tables.
- Available as either a Breakout Table or Free Fall Air Float Table.
- Standard air flotation system suitable for glass up to 1/4" thick.
- Full-plenum air flotation design provides smooth glass movement and positioning.
- Non-tilting table construction for stability and durability.
- Heavy-duty welded steel construction:
 - Base fabricated from 3" square heavy-wall steel tubing.
 - Top frame fabricated from 2" x 2" rectangular heavy-wall steel tubing.
- Carpet-over-composite tabletop protects glass surfaces during handling.
- High-density composite board tabletop with adhesive-bonded needle-punch carpet.
- PVC edge trim extends carpet life and protects tabletop edges.
- Foot pedal-operated air flotation blower control for hands-free operation.
- Mounted on four swivel casters for easy positioning within the facility.
- Four adjustable jack screws for leveling and setting operating height.
- Fully skirted base reduces blower noise and improves workplace comfort.
- Suitable for manual overhead loading and glass transfer operations.
- Free Fall loading recommended only for glass up to 1/4" thickness.

Standard Sizes

AIR FLOAT & BREAKOUT MODELS				
Air Float	Breakout	Max Glass Size	Table Top Size	Blower
FFT-72X96-3	BRK-72X96-3	72X96	93X120	3HP
FFT-96X130-3	BRK-96X130-3	96X130	100X144	3HP
FFT-102X144-5	BRK-102X144-5	102X144	108X150	5HP
FFT-102X144-5D	X	up to 3/4" glass	108X150	Dual 5HP

Available Options

- **Pneumatic Breaker Bars**
 - X-direction breaker bar (maximum one, centered)
 - Y-direction breaker bars (maximum two, evenly spaced)
 - Available individually or in X & Y configurations
- **Upgraded Blower Systems**
 - Upgrade smaller tables from 3 HP to 5 HP blower.
 - Additional blower units available for larger tables and heavier glass applications.
- **Blower Damper Control**
 - Hand-operated airflow adjustment system.
 - Allows optimization of air flotation performance for both thin and thick glass.

Ideal Applications

- CNC glass cutting and scoring systems
- Window and insulated glass production
- Architectural glass fabrication
- Low- to medium-volume glass manufacturing
- Glass breakout, transfer, and staging operations

Built for durability, ease of operation, and reliable glass handling, PST Aculite-Style Air Float Tables provide a practical solution for improving workflow efficiency while reducing manual handling effort.

Specifications

SPECIFICATIONS				
Air Float	Breakout	Electrical	Ship Weight	Shipping Dimensions
FFT-72X96-3	BRK-72X96-3	230V / 7.4A - 460V / 3.7A	1400	122 X 95 X 38
FFT-96X130-3	BRK-96X130-3	230V / 7.4A - 460V / 3.7A	1700	146 X 104 X 38
FFT-102X144-5	BRK-102X144-5	230V / 12.7A - 460V / 6.4A	1900	146 X 110 X 38
FFT-102X144-5D	X	230V / 12.7A - 460V / 6.4A	1950	146 X 110 X 38