REMNANT STORAGE SOLUTION

The Remnant Storage Solution automatically identifies, stores, and reclaims remnants. Providing maximum cutting efficiencies and optimal yield while minimizing unnecessary handling.

- ✓ Prioritizes Operator Safety
- ✓ Optimizes Glass Flow
- ✓ Minimizes Idle Time
- ✓ Saves Glass Labor and Money
- ✓ Architectural Industries

SPECIFICATIONS

108 in x 144 in (2743 mm x 3658 mm)
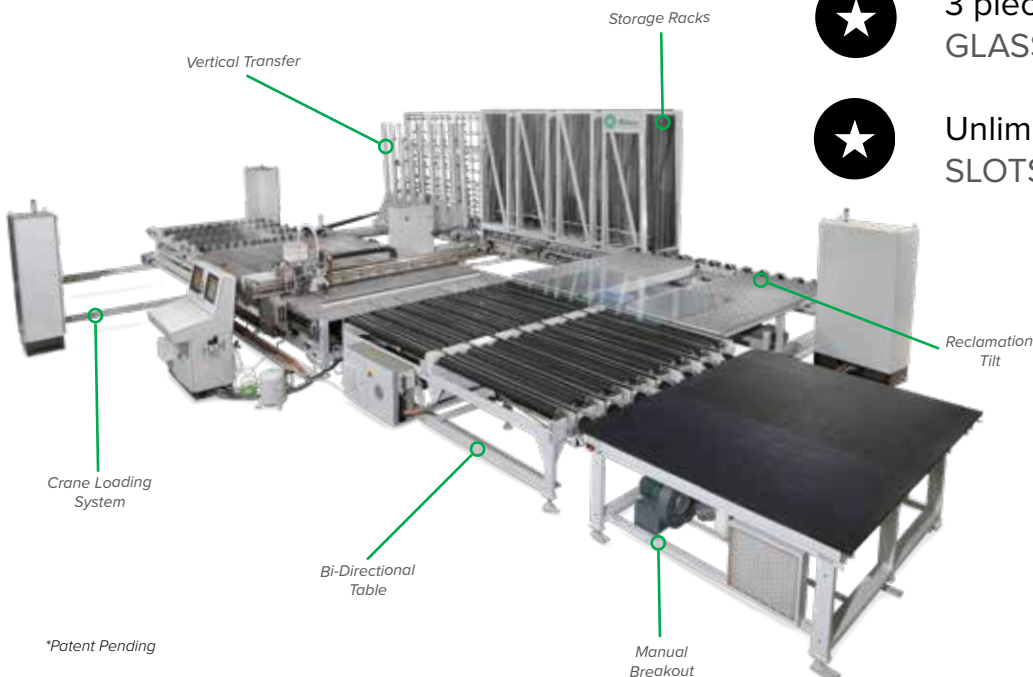MAX REMNANT SIZE AND CUTTING TABLE SIZE

2.2 - 19mm
THICKNESS

24 per rack
RACK SLOTS

3 pieces per slot
GLASS LITE CAPACITY

Unlimited
SLOTS

Storage Racks

Vertical Transfer

Reclamation Tilt

Crane Loading System

Bi-Directional Table

Manual Breakout

Patent Pending

LEARN MORE ›

REMNANT STORAGE SOLUTION

FEATURES

- **Competitive Return On Investment**: Saving and reclaiming remnant improves your bottom line directly
- **Optimizes Glass Flow**: Minimizes idle time through powerful optimization software
- **Prioritize Operator Safety**: Reduces glass handling, keeping operators at a safe distance
- **Expandable Design**: Modular, flexible design accommodates growing production needs
- **Multi-Slot Storage Capacity**: Stores up to three lites of glass per slot
- **Seamless Automated Remnant Reclamation**: Removes operator handling and error risk
- **Tracks Coated Glass Aging Effectively**: Reduces costly and unnecessary labor dealing with oxidation
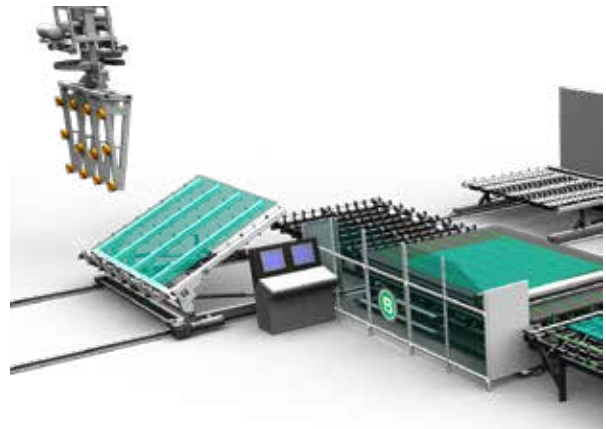- **Eliminates Commonly Neglected Offal Storage Carts**

*Patent Pending

LOADING OPTIONS

The Remnant Storage Solution is compatible with any loading option whether it is preexisting or new with your Remnant Storage system. Common loading options include:

Automatic Free Fall

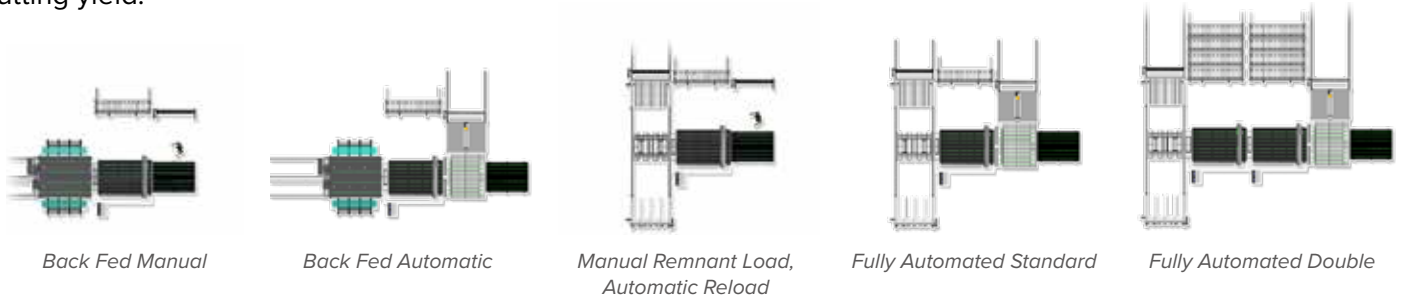*Crane Loading System*

Automatic Unstacker

BI-DIRECTIONAL AND RECLAMATION TILT

The Bi-Directional Table is located directly after the cutting table and before the Manual Breakout Table. The table serves as a transfer point where the remnant is automatically separated. The sub-plate is sent to the Manual Breakout Table, while the remnant is transferred to the Reclamation Tilt.

An optional sub-plate cutting mode provides the ability to cut portions of a stock sheet and release it to breakout before the entire sheet is finished scoring. This streamlines glass flow, maximizing the cutting yield.

The Reclamation Tilt sits adjacent to the Bi-Directional Table and claims the remnant once separated. In order to orient the glass for the Storage Rack, it can rotate the glass 90° so the long edge is down. The table then tilts to a vertical position and deposits the glass in the Storage Rack.

The modular, flexible, and expandable design permits almost limitless configuration possibilities. Here are a few standard layouts based on your need for automation and space considerations.

Back Fed Manual   *Back Fed Automatic*   *Manual Remnant Load, Automatic Reload*   *Fully Automated Standard*   *Fully Automated Double*

STORAGE RACK AND SHUTTLE

The Storage Rack is where remnants will be indexed and stored for future use. The rack is located between the Reclamation Tilt and Vertical Transfer.
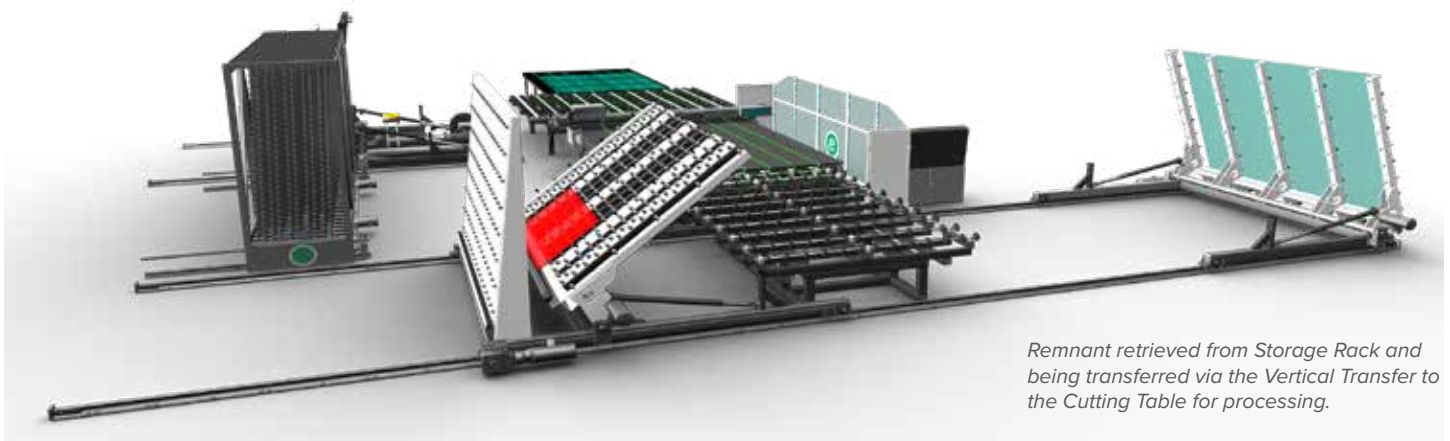
The rack module can be easily expanded to provide floor space. Each slot is capable of indexing up to three remnants per slot depending on the remnant size, maximizing the capacity of the rack.

The system seamlessly tracks the age of coated glass reducing costly unnecessary labor dealing with oxidation.

VERTICAL TRANSFER WITH TILT LOAD

The Vertical Transfer with Tilt Load retrieves glass from the Storage Rack when remnant is needed and transfers it from a vertical to a horizontal position and delivers it to the cutting line.

The dual-sided transfer makes it easy to retrieve the glass from the first zone when multiple lites are stored in a single slot. The non-wanted remnant is removed from the slot and held on the back side of the transfer, while the desired remnant is retrieved on the front side. The non-wanted glass will be reindexed and the remnant will be transferred.

Remnant retrieved from Storage Rack and being transferred via the Vertical Transfer to the Cutting Table for processing.
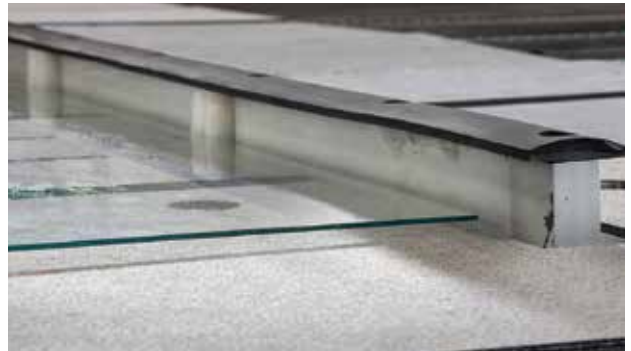
REMNANT STORAGE SOLUTION
HANDLING

ULTRA SERIES CUTTING SYSTEM

The Ultra Series Cutting System includes an Integrated Breaker Bar. The robust design and powerful cutting head deliver smooth and precise acceleration and deceleration for a powerful combination of performance and reliability. The system works seamlessly with HP3 Software's patent pending Sub-Plate Cutting Software.

FEATURES

- ✓ **Precision Acceleration and Deceleration**: Delivers precision and speed for smooth and reliable cutting
- ✓ **Integrated Breaker Bar**: Seamlessly communicates with the cutter and software for fully automated Sub-Plate Cutting
- ✓ **Powerful Cutting Head**: New cutting head design with a frameless motor delivers superior precision
- ✓ **Robust Table**: Heavy-duty design for reliable return-on-investment

Integrated Breaker Bar Doubles as Squaring Stop

Integrated Breaker Bar

Ultra Series Cutting System

True CNC Control System

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724.452.7390 | **solutions@billco-mfg.com** | **billco-mfg.com**

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