



Billco®

MOVING GLASS *FORWARD.*

SOLUTIONS

EQUIPMENT CATALOG

WASHING CUTTING LAMINATING HANDLING INSULATING DATA

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ABOUT US

At Billco, we strive to be a vital partner for manufacturers, helping them execute projects successfully while maximizing returns on investment and driving profitability. Our mission is to provide tailored solutions for each customer's unique project. From the initial planning stages to final installation and ongoing support, Billco is committed to meeting and exceeding expectations at every step of the process.

We serve customer seeking to automate their processing to high-volume and multinational corporations with fully automated facilities operating 24 | 7 | 365 days a year.

Our equipment is designed to support a variety of sectors, including architectural, automotive, coating, mirroring, photovoltaic, shower door, and specialty flat glass fabricators, as well as manufacturers in the metal industry.



SERVICING EQUIPMENT IN NEARLY 50 COUNTRIES SINCE 1948

WASHING SYSTEMS

For over 70 years, Billco has been a world leader in washing technology for flat glass fabricators. Designed for ease of maintenance, reliability, and longevity, our washers boast an average lifespan of over 30 years, making them the cornerstone of many production lines.



The **Foundation Series Washer** is known for its consistency, low maintenance, and durability. Designed to support mid to high-volume production, it is available with a 96 in working width to meet your specific requirements.



The **Vertical Series** is a high-speed, vertical glass cleaning system designed for high-volume flat glass processors. It can operate independently or integrate seamlessly into new or existing lines, and is available in sizes 60 in and 96 in.



The **Z-Series** is designed for optimal cleaning performance over years of continuous use, featuring easy access to internal components for minimal downtime during cleaning and maintenance. It is available in sizes of 70 in, 96 in, 110 in, and 132 in.

WASHING SYSTEMS

From critical cleaning applications, including ultrasonic requirements, to demanding 24 | 7 | 365 operations, Billco has the solution.



The **310 Z-Series** is our premium 48in and 60in washer, designed for high-performance glass cleaning with a focus on the bottom line. Its intelligent maintenance features and process control set this washer apart from the rest.



The **EH Series** is an entry-level glass cleaning solution designed for low to mid-volume fabricators looking to automate their cleaning process with a low capital investment. It is available in 60 in and 84 in working widths.

CUTTING SYSTEMS

Since 1972, Billco has led advancements in glass cutting technology, starting with the world's first NC-XYZ shape cutting system. We continue to develop smarter, faster, and more maintenance-free systems, enhancing your bottom-line success.



The **Ultra Series Cutting System** features an enhanced cutting head and larger drive system, providing exceptional performance and reliability. Designed for high-volume glass cutting, it utilizes a linear motor drive to reduce mechanical parts, ensure smooth operation, and enhance cutting accuracy.



The **Dual Head Ultra Series** is a high-production system designed for high-volume insulating glass production. This machine cuts both lites of glass simultaneously, facilitating easier racking and eliminating wait time for the second lite.



The **M-Series Glass Cutting System** is built for high-speed, high-volume demands. This cutter delivers the precision, productivity, repeatability, and longevity required for specialty processes.

INSULATING SYSTEMS

Billco has a well-known reputation for supplying reliable, quality equipment that helps manufacturers achieve efficiency and maximize profits. Our heat presses, cold presses, application tables, and supporting equipment have been integral to insulated glass lines for years.



The **Heat Press** is available for both Intercept Spacer and Flexible Spacer systems. It is designed to rapidly heat and press any IG unit spacer system with precision. This fully automatic heat press is offered in working widths of 60 in, 84 in, and 96 in.



The **Cold Roll Press** rapidly and uniformly compresses the primary sealing of an insulating glass unit, ensuring proper “wet-out” and bonding of the spacer sealant to the glass. It is available in working widths of 84 in and 96 in.



The **Automated Insulating Line** is a high-volume system capable of producing high-quality IG units at half the cost of a vertical line. The flexibility of a horizontal system allows for unlimited configurations based on your budget, space, and desired level of automation.

HANDLING SYSTEMS

Billco provides an extensive selection of intelligent systems designed to ensure the safe and efficient handling of glass. Our offerings, including air float breakout tables and automatic free-fall systems, are both flexible and customizable, allowing for seamless integration into your existing operations.



The **Crane Loading System** is a comprehensive solution for storing, organizing, and loading glass onto the cutting table. This fully automated system retrieves and loads single sheets of glass without operator intervention and can include options for fixed racks and automated compact drawer storage.



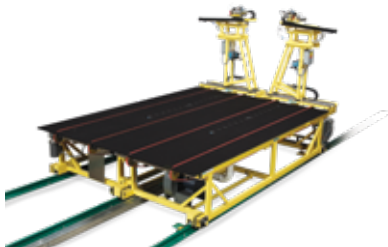
The **Remnant Storage Solution** automatically identifies, reclaims, stores, and reintroduces remnant lites to the cutting table. This system enhances cutting yield, minimizes unnecessary handling, and eliminates operator error, while effectively removing carts full of glass that often go unused.



The **Automatic Unstacker** uses a combination of vacuum cups and sensors to identify and retrieve glass from a vertical pack, transferring it to a horizontal position for downstream processing.

HANDLING SYSTEMS

We prioritize collaboration with our customers, tailoring solutions to meet their unique requirements for smooth workflow integration. Whether you seek cutting-edge automation or reliable handling systems, Billco has the expertise to elevate your operations.



The **Automatic Free Fall System** retrieves glass from packs and free falls it onto the air float table below. From there, the glass is squared and conveyed to the cutting table for processing.



The **Caster Tables** are designed to assist in the safe and efficient handling of insulated glass units. Our tilting Caster Tables can be easily customized to meet any glass handling solution.



A wide range of **Conveyors** are offered to safely and efficiently transport your glass products from one point to another. Conveyor options include but are not limited to:

- Staging Conveyors
- 90 Degree Transfer Conveyors
- Quad Transfer Conveyors
- Conveyor with Pop Up Decks

LAMINATING SYSTEM

Billco has been a leading supplier of laminating equipment since the 1970s, with assembly lines still in operation today from their original installations over 40 years ago.



The **Lami-Pro** is a customizable laminating assembly line built for producing high-quality laminated glass. It is designed to clean the glass, assemble the components, heat, and pre-press the laminated unit before autoclaving.

Modular Design: Custom line configurations and drop-in replacement options.

Precision Recipe Line Control: Simplifies operations and maintains complete control for consistent, high-quality laminate.

IR Heating Technology and Convection: Offers precise temperature control for a consistent, high-quality laminate.

Minimal Energy Consumption: Reduces production costs

Dual Roll Press: A double press option for uniform pressing of the unit.

DATA SYSTEM

Since 1972, Billco has led advancements in glass cutting technology, starting with the world's first NC-XYZ shape cutting system. We continue to develop smarter, faster, and more maintenance-free systems, enhancing your bottom-line success.



Billco's **Data Acquisition and Water Quality Monitoring System (DAQ)** provides independent solutions for process monitoring across a range of measurements. Data collection can be displayed or downloaded easily from a web browser.

Built-In Web Server: Log data and access information via an Ethernet connection.

Process Snapshot: View on a standard dashboard through any web browser, accessible from anywhere with an internet connection.

Warnings and Alarms: Alerts maintenance and engineering when limits are exceeded, both locally at the washer and via email or SMS text.

REPLACEMENT PARTS

To keep your machinery in optimal condition and running efficiently, the Billco Replacement Parts Team is ready to ship items and coordinate the fulfillment of thousands of parts.

The **Billco Essentials** program provides common replacement parts subject to routine wear, recommended for general stocking. When you purchase equipment from Billco, we are invested in your success and committed to ensuring your machine performs optimally. The program is currently available for the Legacy Series Washer (84 in and 96 in) and the Z-Series.

Team up with our Replacement Parts Team for:

OEM Direct Components: Maintain the integrity of your investment with 100% factory direct replacement parts.

Expert Support: Our experts can diagnose and recommend the parts you need to keep your machine running optimally.

Quick Turnaround: We understand that time is money, and we strive to minimize any downtime.

Consumable Parts to Complete Rebuilds: No request is too small or too large for us to handle.



BILCO SERVICES

Beyond the initial installation of your equipment, our Service Team is available 24 | 7 | 365 to keep your line running with virtually no unplanned downtime. The Billco Service Team members are experienced and trustworthy, with an average of 20 years in the field.



Our technicians provide preventive maintenance, troubleshooting, and emergency response for as long as you own the machine.



Our Service Team can train your staff and guide you in efficiency-tracking practices. Cleaning and maintenance training will help prolong the life of your equipment.



Service Team members can collaborate with our 24 | 7 | 365 partner, HP3, to provide support.



Billco®
MOVING GLASS *FORWARD.*

ON CALL
24 | 7 | 365

DRAWING ON MORE THAN 70 YEARS OF EXPERIENCE

*PARTNER WITH LEADING EXPERTS IN
DESIGNING AND MANUFACTURING
AMERICAN-MADE EQUIPMENT FOR
FLAT GLASS FABRICATORS*

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