



Billco

BILCO

SOLUTIONS CATALOG

WASHING | CUTTING | HANDLING | INSULATING | LAMINATING | DATA

TABLE OF CONTENTS

CONTENTS

ABOUT US	3
WASHING SOLUTIONS.....	4
CUTTING SOLUTIONS.....	9
HANDLING SOLUTIONS	10
INSULATING SOLUTIONS.....	14
LAMINATING SOLUTIONS.....	16
DATA SOLUTIONS	17
PARTS.....	18
SERVICE.....	19

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 dedicated team of Billco Support Specialists are committed to providing exceptional support and guidance 24 | 7 | 365. From initial planning and system design through installation, commissioning, training, and long-term service, we work closely with our customers to ensure their equipment continues to perform and their production stays moving.

Driven by a relentless pursuit of excellence and innovation, we continuously expand our capabilities and bring innovative solutions to market. With our extensive industry experience and unwavering commitment to customer satisfaction, we are confident in our ability to keep the glass industry moving forward.



WASHING SOLUTIONS



The **Foundation Series** is a durable horizontal glass washer designed for dependable production and simplified maintenance. Its low-profile lift, helical drive, Softcoat-compatible brushes, quick-disconnect nozzles, stainless-steel recirculation tanks, and self-cleaning trays provide consistent cleaning. PLC/HMI controls, adjustable speeds, and rugged construction support demanding insulating glass and fabrication environments.



The **Z-Series** is an industrial-duty horizontal washer engineered for demanding glass-processing operations and continuous production. Its low-profile top lift, viewing windows, solid covered rolls, helical conveyor drive, Softcoat brushes, quick-disconnect polymer nozzles, stainless-steel recirculation tanks, and self-cleaning trays provide reliable cleaning, accessible maintenance, and consistent process control.



The **310 Series** is an industrial-duty horizontal glass washer designed for reliable production and efficient maintenance. The system incorporates a roll-out tank cart, self-cleaning trays, top-lift access, Softcoat-compatible brushes, quick-disconnect spray nozzles, and automated monitoring options. Its compact configuration supports glass processing from approximately 11" point-to-point sizes up to 60" wide.

WASHING SOLUTIONS



The **Legacy Series** is a proven horizontal glass washer designed for dependable production, durable construction, and straight forward maintenance. Supporting glass up to 96" wide, it features a four-corner screw-jack lift, stainless-steel roll journals and drive components, PLC/HMI controls, Softcoat brushes, quick-disconnect nozzles, four (4) recirculation tanks, and a heated closed-loop wash zone.



The **A-Series** is a versatile horizontal glass washer designed for dependable general-purpose production, supporting glass up to 96" wide. Standard operation is 10 FPM. Four-corner lifting, helical drive components, Softcoat brushes, three (3) recirculation tanks, heated washing, filtration, and drying provide flexible processing.



The **EH Series** is a compact horizontal glass washer designed for efficient low- to mid-volume production. Available in 60" and 84" configurations, it incorporates a hydraulic lift flip-top, PLC/HMI controls, Softcoat brushes, quick-disconnect polymer nozzles, three (3) stainless-steel recirculation tanks, adjustable operating speed, and a closed-loop heated wash zone for consistent cleaning.

WASHING SOLUTIONS



The **100 Series** is a compact glass washer designed for smaller glass parts and specialty fabrication applications. Its reduced working width provides an automated cleaning solution while maintaining controlled washing and drying.



The **Versa Clean** is a flexible, low-maintenance washer designed for small- to mid-range glass parts and adaptable production requirements. Its top section raises quickly for access, while quick-change bearing mounts, slide-out tanks, and interchangeable mounting for rolls, brushes, spray lines, and air knives simplify maintenance. Nylon brushes provide Low-E compatibility for demanding applications.



The **EV Series** provides durable vertical glass cleaning for mid-volume fabrication environments where efficient processing and reduced footprint are important. Supporting glass up to 84" wide, the system offers adjustable speeds from 10 FPM to 24 FPM, a heated recirculating wash zone, first-rinse and spray-only final-rinse zones, and dual air-knife drying.

WASHING SOLUTIONS



The **Vertical Series** provides high-speed glass cleaning for high-volume processors while minimizing equipment footprint. Self-adjusting rolls and brushes accommodate varying glass sizes, while integrated pre-spray, improved steam control, flow monitoring, and wash-down-duty motors support consistent processing.



The **BioClean** is a water-care system designed to reduce bacteria and organic growth within glass-washer recirculation systems. Its self-sanitizing technology helps maintain cleaner process water, reducing manual cleaning requirements and associated maintenance costs. The BioClean helps simplify washer upkeep and maintain consistent cleaning performance.



The **Detergent Dosing System** automatically manages detergent delivery to maintain consistent cleaning chemistry throughout the washing process. Flexible operation provides four dosing modes, allowing chemical delivery to adapt to production requirements. Automated dosing reduces manual adjustment, improves consistency, and helps control washer chemistry while minimizing chemical consumption and routine intervention.

CUTTING SOLUTIONS



The **Wide Belt Series** is designed for high-volume, large-format glass processing where production capacity and reliable automated cutting are essential. Its wide cutting platform supports demanding glass applications while integrating with automated loading, optimization, and downstream handling equipment. The system can be configured to cut ultra-thin glass, providing flexibility needed for specialized and precision applications.



The **Ultra Series** is a robust CNC glass cutting system designed to deliver precise, reliable cutting in demanding production environments. Its powerful motor cutting head provides controlled acceleration and deceleration, while the integrated breaker bar communicates with the cutter and software for automated Sub-Plate Cutting. Its heavy-duty table provides dependable performance and long-term return on investment.



The **Dual-Head Ultra Series** is designed for high-volume insulating glass requiring increased cutting capacity and automated production flow. Its dual cutting configuration supports efficient processing of demanding schedules while maintaining precise motion. Integration with optimization, Sub-Plate Cutting, automated loading, and downstream handling allows the machine to operate within a complete production line.

CUTTING SOLUTIONS



The **M-Series** provides automated CNC glass cutting for fabricators requiring dependable precision, flexible production, and integration with material-handling systems. The system supports efficient processing across architectural and specialty glass applications while maintaining controlled cutting performance.



The **CNC 2200** is a glass-processing solution designed to support reliable automated production while integrating with complementary handling and processing equipment. Its configuration provides controlled material movement and processing for demanding fabrication environments, allowing the equipment to contribute to a coordinated production workflow.

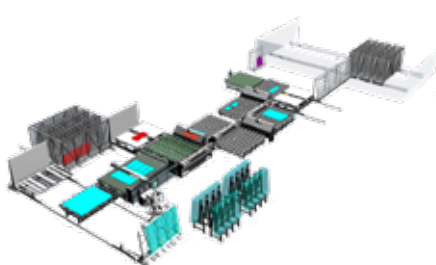


The **Strip Cutting Machine** is designed specifically for efficient processing of narrow glass strips and repetitive strip-cutting applications. Its dedicated configuration allows fabricators to streamline production where full-format cutting equipment may be unnecessary while maintaining control and consistent cutting accuracy. The system provides a focused solution for specialty glass processing requiring repeatable narrow-format production.

HANDLING SOLUTIONS



The **Crane Loading System** provides automated glass storage, retrieval, and loading directly to the cutting line using rotating vacuum grabs, precision positioning, and tilt arms. Laser transducers provide real-time positioning feedback, while pack-thickness sensors reduce retrieval time. Multi-bay loading, rack-and-pinion drives, wireless controls, and decoupled tilt arms support flexible, high-speed production.



The **Automated Processing Line** integrates glass handling, washing, cutting, and downstream equipment into a coordinated workflow. Automated transfers reduce operator intervention while maintaining consistent glass flow. The system incorporates line equipment technologies according to facility requirements, creating a scalable production environment designed to improve throughput and consistency.

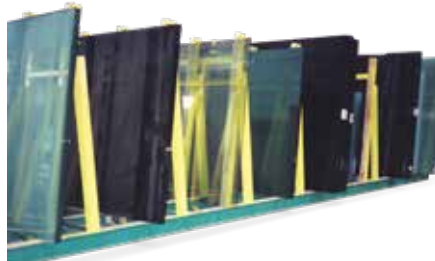


The **Caster Table** provide a durable workspace for safely positioning and handling large glass lites and insulating glass units. Available in multiple sizes, the tables use non-marking swivel casters and can incorporate pneumatic squaring, drop-deck sections, locking floor casters, tilting capability, and vacuum rotation. Assembly configurations support edge sealing and insulating glass operations requiring controlled positioning.

HANDLING SOLUTIONS



The **Remnant Storage Solution** automatically separates, identifies, stores, tracks, and reclaims usable glass remnants to maximize cutting yield and improve production flow. Each slot can store up to three lites depending on size, while coated-glass aging is tracked to prioritize older material. Modular storage, automated reclamation, and optimization software reduce labor, handling risks, and wasted glass.



The **Space Saver Storage System** maximizes glass-storage capacity by mounting racks to a rail system that expands and compresses to provide access to individual rack locations. Structural-steel racks, hydraulic movement, fail-safe pneumatic locking, sensors, and warning signals provide controlled storage and retrieval. Custom layouts accommodate facility requirements while increasing storage capacity by 30% over standard racks.



The **Automated Harp Rack** combines organized glass storage with automated rack transportation. Seegrid vision-guided, self-driving technology moves entire trains of racks safely and reliably from one production process to another. This automated transfer reduces manual handling, improves workflow efficiency, and keeps glass moving seamlessly through the production floor while maintaining easy access and organized storage.

HANDLING SOLUTIONS



The **Unstacker** combines vacuum cups, sensors, and controlled peeling sequences to retrieve individual lites from vertical glass packs and transfer them horizontally for downstream processing. Smart Zone Technology determines required vacuum cups according to glass size, while zoned vacuum pumps support multi-size pickup. Stationary or traversing configurations enable single- or multi-bay loading from multiple rack depths.

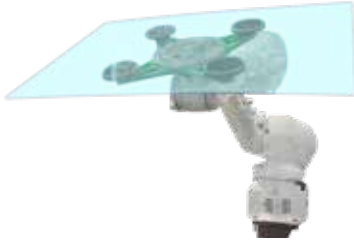


The **Automatic Free Fall System** retrieves lites from packs and smoothly transfers them onto an air-float table. Laser-based positioning supports accurate retrieval, while automatic squaring aligns each lite before powered belts transfer it to the cutting machine. Automated sequencing, multiple rack locations, and integration with cutting optimization reduce operator intervention and maintain continuous flow.



The **Conveyor** provide controlled glass movement between processing stages while supporting safe material handling throughout the production line. Configurations include driven rollers, caster sections, drop decks, transfer sections, and specialized handling surfaces. Non-marking components and independent controls support sensitive glass applications, while customized layouts integrate full systems.

HANDLING SOLUTIONS



The **Handling Robot** automates repetitive glass movement and positioning tasks while improving consistency and reducing manual handling. Robotic motion can be integrated into production workflows to transfer glass between defined process points, helping manufacturers improve throughput, reduce operator exposure, and maintain consistent material flow. Configurations are tailored to production and automation.

INSULATING SOLUTIONS



The **Heat Press** is designed for insulating glass production where controlled heat and pressure are required. The system provides consistent pressure across the glass unit while supporting repeatable insulating glass production. Automated operation improves consistency, reduces manual intervention, and maintains efficient production through controlled pressing parameters and integrated handling.



The **Cold Roll Press** applies controlled mechanical pressure to insulating glass units after assembly, helping establish consistent unit thickness and contact between glass, spacer, and sealant components. Its rolling process provides repeatable compression while supporting efficient downstream production. The system reduces manual handling and provides consistent processing across insulating glass units.



The **AirGlyde Application Table** provides a controlled workspace for semi-automatic flexible-spacer application during insulating glass production. Its air-float surface reduces handling resistance, while the automatically moving 6" non-marking vacuum cup provides controlled positioning and 90° rotation. A Micarta wear ring protects the cup slot, while adjustable height and tape-tool support efficient production.

INSULATING SOLUTIONS



The **AirGlyde Assembly Table** provides an air-float workspace for assembling insulating glass units and accurately positioning muntin grids. Its industrial Formica surface incorporates a full 5/8" grid pattern to facilitate alignment, while an air-operated pop-up squaring device improves positioning. A pneumatic lift raises the table to 76°, providing easier handling of larger lites during assembly.

LAMINATING SOLUTIONS



The **Lami-Pro Laminating Line** is a modular laminating assembly line designed to clean, assemble, heat, and pre-press laminated glass before autoclaving. The system combines assembly and trim conveyors, IR and convection pre-heat and main ovens, dual nip-roll presses, and automated controls. Recipe-based operation coordinates conveyor speeds, temperatures, and roll settings for consistent laminate quality.

- ✓ Recipe-Based Control
- ✓ IR and Convection Heating
- ✓ Dual Nip-Roll Presses
- ✓ Energy-Efficiency Operation
- ✓ Turnkey Integration

DATA SOLUTIONS



The **Data Acquisition and Water Quality Monitoring System** provides independent process monitoring for glass washers regardless of equipment age, model, or manufacturer. Its web server records time- and date-stamped sensor information for pH, temperature, water flow, humidity, pressure, blower conditions, and equipment status. Real-time dashboards, trending, local storage, FTP export, and alarm notifications provide accessible process visibility.

- ✓ Built-In Web Server
- ✓ Real-Time Dashboards
- ✓ Water Quality Monitoring
- ✓ Data Logging and Storage
- ✓ Warning and Alarms

PARTS



Keep your machinery in optimal condition and running efficiently, the Billco Replacement Parts Specialists are ready to ship and coordinate the fulfillment of thousands of parts.

OEM Direct Components: 100% factory-direct replacement parts, from individual components to complete rebuilds.

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

Quick Turnaround: We coordinate fast fulfillment and shipping to minimize downtime and get you the parts you need quickly.

Consumable Parts to Complete Rebuilds: From individual consumable parts to complete rebuilds, our team can support your replacement part needs.

SERVICE



Beyond the initial installation of your equipment, our Support Specialists are available 24 | 7 | 365 to keep your line running with virtually no unplanned downtime.

Preventative Maintenance: Our technicians provide preventive maintenance, troubleshooting, and service throughout the life of your machine, helping prevent unexpected downtime and extend equipment performance..

Training and Guidance: Our Support Specialists provides operator training, cleaning and maintenance guidance, and efficiency-focused support to help your team get the most from your equipment.

24 | 7 | 365 U.S. Support: Our experienced Support Specialists provide technical support, troubleshooting, maintenance, and emergency response to keep your equipment running efficiently and minimize downtime.



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