



# CRANE LOADING SYSTEM

*Billco's Crane Loading System is a complete solution for storing, organizing and loading glass to the cutting table. The system may include fixed racks and/or automated compact drawer storage. This fully automated system retrieves and loads single sheets of glass without operator intervention. Designed with versatility in mind, multiple cutting tables may be loaded from one system and glass storage may be in an adjacent bay.*

#### Processing Capabilities

**Maximum Glass Size:** 108" x 144," 130" x 204"

**Glass Thickness Range:** 2.2mm–19mm

**Level of Automation:** Fully

**Standard Maximum Pack Thickness:** 30"

**Standard Crane Span:** Up to 50 ft.  
*(Wider Spans Available)*

#### Industries

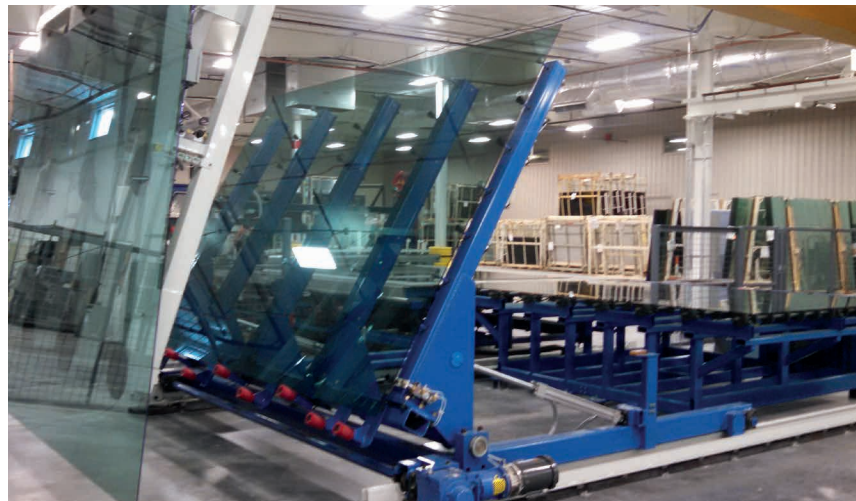
Architectural, Coating, Mirroring, Specialty

**CUSTOMIZABLE  
LAYOUT**

**STAND-ALONE  
CONTROL  
SYSTEM**

**FULLY AUTOMATED  
AND INTEGRATES  
EASILY**

[More Key Advantages and Outstanding Features >](#)



724.452.7390

SOLUTIONS@BILLCO-MFG.COM

[BILLCO-MFG.COM](http://BILLCO-MFG.COM)

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## Key Advantages

- Customizable Layout: Tailored for individual plant requirements and simple layout changes
- Rotating Vacuum Glass Grab: Provides processing flexibility and efficiency
- Integrates Seamlessly with Billco or Third Party Cutting Equipment
- Stand-Alone Control System: Provides flexibility to operate crane independently from cutting line
- High Speed Precision: Advanced laser control system and heavy-duty drive components permit maneuvering at high speeds
- Fully Automated: Easily interfaces with the Cutting Line Control System and Optimization Software

## Outstanding Features

- Welded Steel Plate Construction
- Laser Transducer: Provides accurate real-time positioning feedback
- “Dump Routine:” Protects operators by retrieving and dumping broken glass at a safe location
- Multi-Bay Loading
- Pack Thickness Sensors: Pre-calculate glass volume prior to retrieval to reduce cycle time
- Non-Marking Vacuum Cups: Protect the glass surface and soft coatings
- Wireless Pendant: Keeps operator at a safe distance from moving glass when manual operation is needed

## Optional Features

- Increased Crane Span
- Decoupled Tilt Arms (*Adaptive Loading*)

## Supporting Equipment

- Rack Bases
- Glass Racks
- Space Saver Storage System

ON CALL  
**24 | 7 | 365**

## Billco Services

Billco provides the backbone for flat glass production lines—large and small—with high quality American-made equipment and 24-7-365 never-fail relationships. Our stability and expertise is proven with high customer satisfaction ratings, uptime statistics, impressive ROI, and a multi-million dollar inventory of ready-to-ship replacement parts. Our Solution Specialists, 24-7-365 Technical Support, and Replacement Parts Team are fully dedicated to keeping your line moving. Call or visit our website for more information.



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