

**Billco®**

MOVING GLASS FORWARD.

WASHING CUTTING LAMINATING HANDLING INSULATING DATA

# CRANE LOADING SYSTEM

The 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.

- ✓ Customizable Layout
- ✓ Improved Acceleration and Deceleration
- ✓ Fully Automated and Integrates Easily
- ✓ Architectural, Residential, Coating, Mirroring, and Specialty Industries

## SPECIFICATIONS



108 in x 144 in (2743 mm x 3658 mm)  
130 in x 204 in (3302 mm x 5182 mm)  
MAX GLASS SIZE



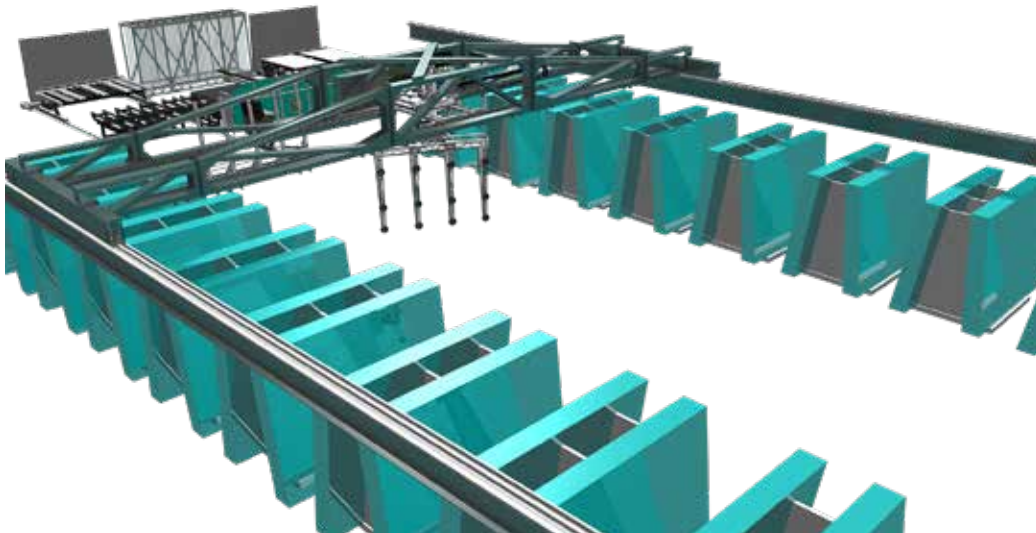
2.2 - 1.9 mm  
THICKNESS



Fully  
AUTOMATED



Up to 50 ft (wider upon request)  
CRANE SPAN

**LEARN MORE**

# CRANE LOADING SYSTEM

HANDLING

## FEATURES

- ✓ **Customizable Layout:** Tailored for individual plant requirements and simple layout changes
- ✓ **Rotating Vacuum Glass Grab:** Provides processing flexibility and efficiency
- ✓ **Integrates Seamlessly:** Compatible 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
- ✓ **Multi-Bay Loading**
- ✓ **Rack and Pinion Drive System:** Increased acceleration and deceleration speed
- ✓ **Extra Axis:** Greater tilting, position and movement of the grab
- ✓ **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 a manual operation is needed
- ✓ **Laser Transducer:** Provides accurate real-time positioning feedback
- ✓ **Point-to-Point Wireless I.O. Communication**

## SUPPORTING EQUIPMENT

- ✓ Rack Bases
- ✓ Glass Racks
- ✓ Remnant Storage System
- ✓ Space Saver Storage System



*Extended Grab for Jumbo Sized Glass*

## OPTIONAL EQUIPMENT

- ✓ Increased Crane Span
- ✓ Decoupled Tilt Arms (adaptive loading)
- ✓ Servo Controls



### Billco Services

Billco provides the backbone for flat glass production lines, large and small, with high-quality equipment and 24 | 7 | 365 never-fail relationships. Our stability and expertise are backed by high customer satisfaction ratings, uptime statistics, impressive ROI, and a multi-million dollar industry of ready-to-ship replacement parts. Our Solutions 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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