Billco Teams
A Distribution & Service Company

UNSTACKER

DESCRIPTION

The Unstacker is designed to automatically load glass sheets from vertical storage racks and position them for downstream processing. Controlled through the operator interface, the system can select and load glass from either side and from multiple storage racks based on the required glass size and thickness.

Electrically operated loading arms equipped with vacuum suction cups safely lift each glass sheet, tilt it from the vertical storage position to a horizontal orientation, and place it onto the processing line. By automating glass loading, the unstacker reduces manual handling, improves operator safety, and increases production efficiency.

SPECIFICATIONS

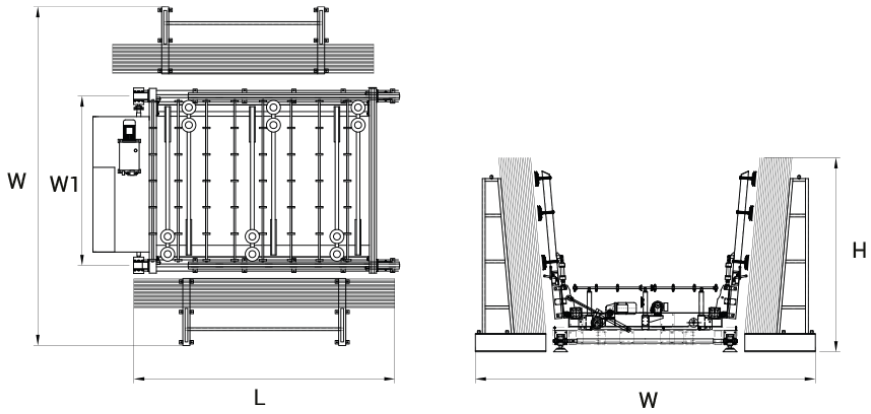
- 145” x 100” (3700 x 2550 mm)
  236.22” x 126” (6000 x 3210 mm)
  GLASS SIZE
- 5 Left + 5 Right
  MAX RACK QUANTITY
- 3-19 mm
  GLASS THICKNESS
- 15.75”-39.37” (400-1000 mm)
  LOADING DEPTH
- ±0.5 mm
  POSITIONING ACCURACY

HIGHLIGHTS

- Dual-Sided Loading Arms
- Adjustable Handling Suction Cups
- Up to 5 Racks per Side
- Reduced Labor

TECHNICAL SPECIFICATIONS

	W	L	H	H1
FYM3700	196.85” (5000 mm)	181.10” (4600 mm)	104.33” (2650 mm)	35.43” (900 mm)
FYM6032	314.96” (8000 mm)	283.46” (7200 mm)	133.86” (3400 mm)	35.43” (900 mm)



FEATURES

DUAL-SIDED LOADING ARMS

The loading arm system automatically retrieves glass sheets from storage racks on either side, providing flexible and efficient material handling.

VACUUM AND PRESSURE MONITORING

Integrated vacuum and pressure sensors continuously monitor suction performance and air pressure to ensure safe, reliable glass handling.

ADJUSTABLE VACUUM SUCTION CUPS

Vacuum suction cups can be adjusted to accommodate different glass heights, ensuring secure handling across a wide range of glass sizes.

LOW-IMPACT LIFTING SYSTEM

A sensitive lifting system is designed to minimize stress on the glass, reducing the risk of scratches, breakage, or other handling damage during loading.

BRAKED X AND Y DRIVE SYSTEM

Braked gearboxes on both the X and Y axes provide precise positioning and controlled movement during the loading process.