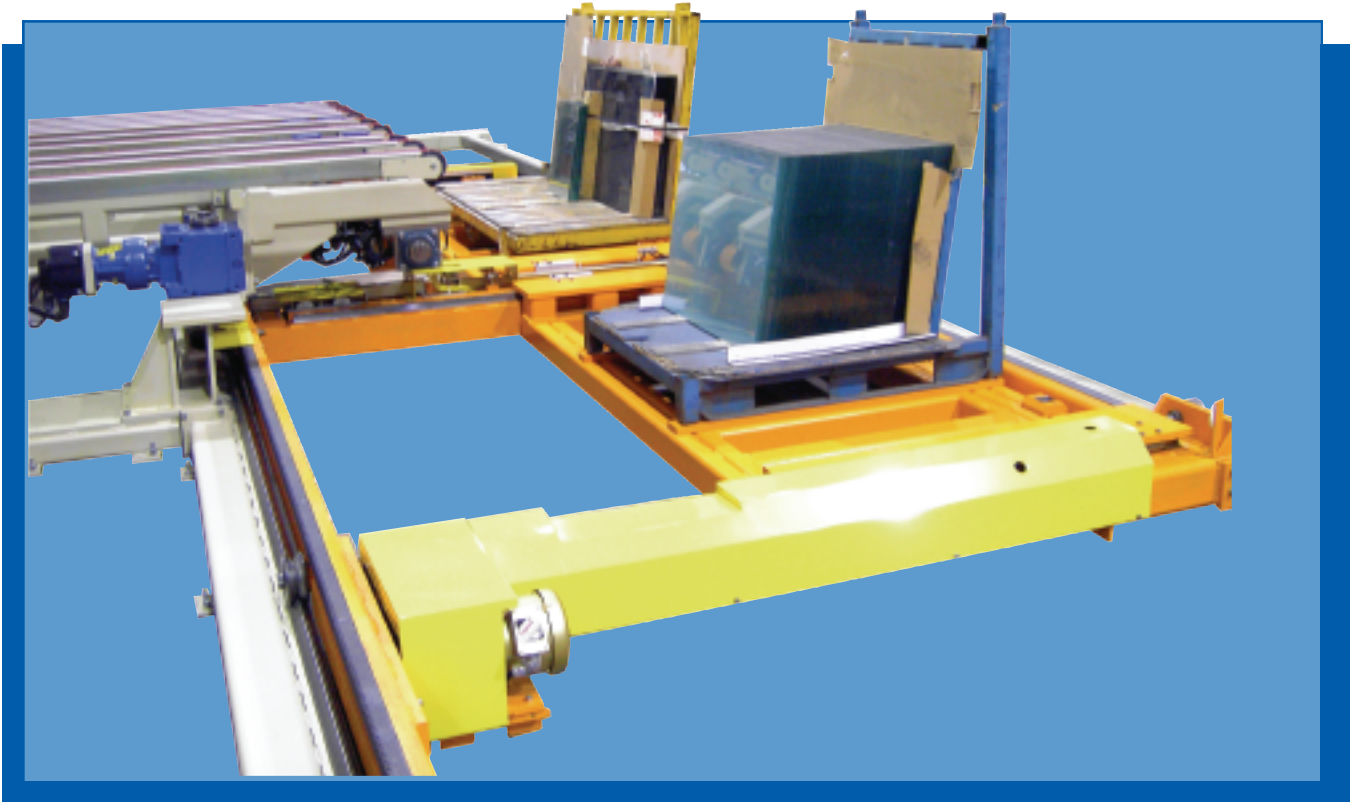


High Speed Glass Loader/Unloader



Under Line Loader System – great for coated glass handling

Glassline's ingenuity is proven again with our line of high speed palletizers and de-palletizers. Each system is designed for optimum speed, minimal scratching, and simplicity.

Not only is this system fast, but it is the perfect solution to handle coated glass. Depending on the cycle rate required, pneumatic or servo-driven movement can be provided. The servo-driven arm is able to automatically adjust for different rack angles.

Glassline's High Speed Loader/Unloader system has a moving steel platform that the rack is placed on. The platform position is automatically adjusted as glass is packed (or unpacked). The platform is driven via a motor coupled to a ballscrew. Linear rails and bearings provide for a parallel movement of the platform into and away from the arms – allowing precise positioning of the rack for every piece of glass, no matter the thickness. When the rack is full (or empty) the system will drive the rack away from the arms to the full out position for pick up by a fork truck.

A linear rack change system can also be provided. This system incorporates two of the moving rack platform systems. The system will automatically shift the full/empty rack so that the other rack is in position. At that point, the new rack is positioned relative to the arm for loading/unloading.

High Speed Glass Loader / Unloader

SPECIFICATIONS

| Loader/Unloader | Ultra High-Speed Dual Arm | Automotive S/L | Architectural | Appliance | Solar |
|-----------------|---------------------------|----------------|---------------|--------------|-----------------|
| Minimum Size* | 300 x 300 mm | 200 x 300 mm | 500 x 700 mm | 300 x 300 mm | 450 x 900 mm |
| Maximum Size* | 1 x 1 m | 800 mm x 1.5 m | 1.17 x 2.4 m | 1 x 1 m | 600 mm x 1.25 m |
| Thickness* | 3 - 6 mm | 2.8 - 6 mm | 3 - 6 mm | 3 - 6 mm | 3 - 6 mm |
| Cycle Load** | 4 - 6 seconds | 6 - 10 seconds | 6 - 8 seconds | 6 seconds | 6 seconds |
| Cycle Unload** | 3 seconds | 6 seconds | 6 - 8 seconds | 6 seconds | 6 seconds |
| Line Height*** | 950 - 990 mm | 950 - 990 mm | 950 - 990 mm | 950 - 990 mm | 950 - 990 mm |

* Other lengths / thickness can be accommodated per customer request.

** Cycle time may also depend on other line/system constraints - times provided as estimates only.

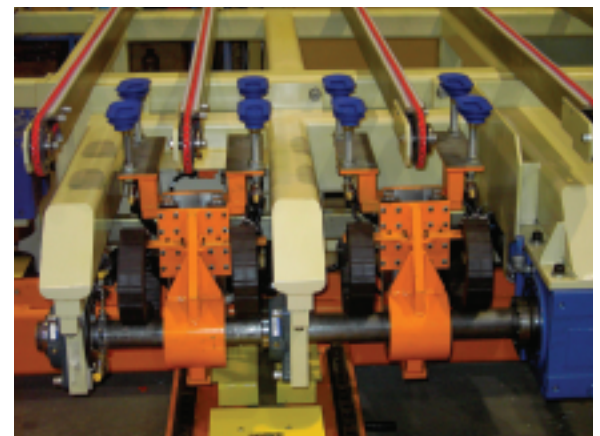
*** Line height depends on rack requirements.

KEY FEATURES

- ▶ Inside surface untouched, placed in up orientation on conveyor – perfect for coated glass
- ▶ Heavy-duty linear rail rack advance
- ▶ Small Footprint

OPTIONS

- ▶ Linear rack change system incorporating two moving platform systems, as well as a powered lateral index system to shift the racks right or left as needed.
- ▶ Servo Arm Pivot – programmable rack angles
- ▶ Exit Conveyor
- ▶ Manual Load Conveyor – up to 120" wide
- ▶ Exit Shuttle
- ▶ Interleaving (string)



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