

THE GLASS RACKING COMPANY

Innovation by Design

DOUBLE GLAZING HANDLING SOLUTIONS



The Glass Racking Company supplies a comprehensive range of factory handling, lifting, storage, and transportation equipment to support your Double Glaze machinery and production processes.

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FACTORY HANDLING

The range of factory handling equipment for double glaze lines starts with single glaze harp trolleys for storing and moving pairs of lites from the cutting line to the arissing machine, toughening furnace, and double glaze line. Harp storage can be either fixed (secured to the floor) or as a trolley, with 50 slots at 10mm each.

Units coming off the double glaze line can be stored and managed in a variety of ways both within the factory and at the customer site, as follows :

Factory A-frame trolley.

These allow DGUs to be easily and safely moved or stored. We supply three standard models of factory A-frames and also manufacture to suit.

Tooth trolley or storage system.

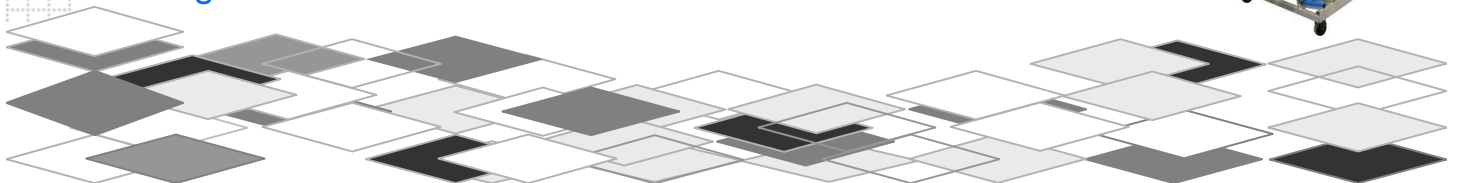
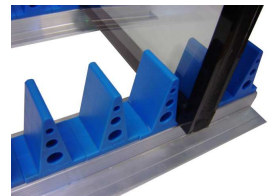
These allow small to medium sized DGUs to be stored like a toaster (rather than stacked on an A frame like a sandwich) which provides easier access to individual units and ensures unit separation.

Double glaze Z Harp trolley.

This is the traditional storage solution for DGUs which provides similar benefit to the tooth storage and suits larger units.

Transport frame or trolley.

These trolleys secure the DGUs for transportation and the entire unit of trolley and glass can be loaded onto a vehicle for transportation to the customer or site with a reduction in handling.



LIFTING AND STORAGE

The range of lifting and storage equipment includes cranes and tables, storage of DGU components and finished DGUs, and CarryMate transport grips.

Cranes and tables

Light crane systems for lifting maximum weights of 500kg and 1000kg are freestanding and located underneath a main gantry crane to assist with specific lifting roles such as on and off an arissing machine, or onto a vehicle.

Cutting and transfer tables (both air and ball) with options for auto and manual tilt are available for moving and tilting glass.

DGU components

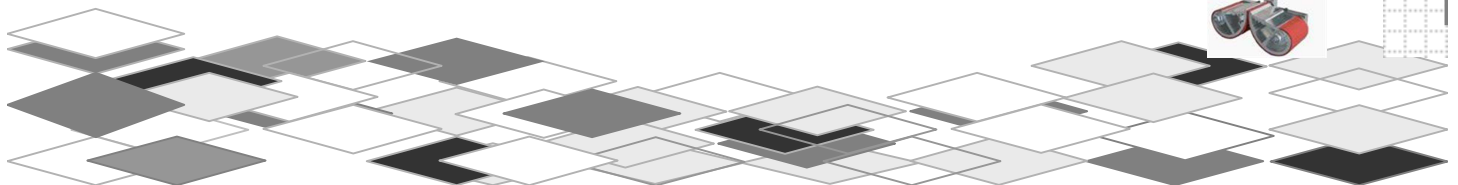
Specific solutions have been designed for storing bulk packs of spacer material and also DGU formed spacers.

Finished DGUs.

Swing Racks provide an ideal storage system for job lots of DGUs as each leaf is a job. Effective labeling and processes can make this system very efficient for the DGU line staff and also the transportation/site staff.

CarryMate

The CarryMate transport grips assist staff to manually lift glass and units. Supplied as a pair.



DOUBLE GLAZE TRANSPORTATION

The range of transportation systems includes vans, utes, open site trucks, covered trucks, and transportation trolley trucks.

The Glass Racking Company vans are our best known product. Storage of DGUs is on either external frails (racks) or internal racks, with maximum unit sizes and load capacity determined by the vehicle and the user.

Utes use similar frail technology to the vans with options for racks that utilise the existing structure of the ute (weldside and tray either third party or factory) or can be built up from a bare cab chassis.

Open site trucks are becoming more popular due to their ability to carry greater weight and load than modern vans, and the cost of the cab chassis becoming more attractive over the longer life of the truck.

Covered trucks for glass transportation are typically curtain sided with container style doors for rear access to internal racks. Some trucks also use the glide-top roof system which allows overhead access to the full internal length of the truck body for loading packs and larger items.

Transport trolley trucks are dedicated to transporting loaded trolleys to customer sites, and can include a rear mounted moffett forklift.



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Double Glazing

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