

# **THE GLASS RACKING COMPANY**

## **Innovation by Design**

### **TOOTH GLASS AND SASH TROLLEYS**



The Glass Racking Company range of Tooth trolleys has been developed to assist glass and window companies with the storage and movement of single glaze, double glaze and sashes around factories. The unique design of the Tooth system secures units of varying thicknesses in a single trolley.

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[WWW.THEGLASSRACKINGCOMPANY.COM](http://WWW.THEGLASSRACKINGCOMPANY.COM)

## THE COMPONENTS

The Glass Racking Company Tooth trolleys utilise a new securing system based on an ABS plastic tooth that slides into a grooved section of either aluminium or steel. Rows of teeth provide the required security for glass and sashes while being stored or moved around the factory



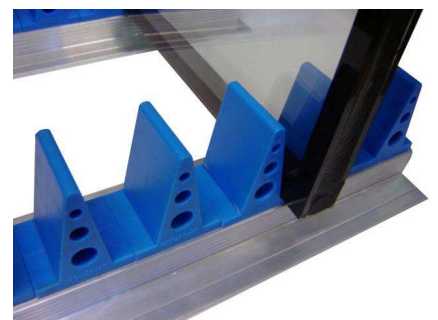
Key components of The Glass Racking Company Tooth trolleys are :

1. The tooth is moulded out of non-marking ABS plastic of a grade to withstand the continual loading and unloading. Thin units can rest on the bases between the teeth, while thicker units will sit up the sides of the tooth supporting both edges. Rows of aligned teeth ensure that units of various sizes are secured.

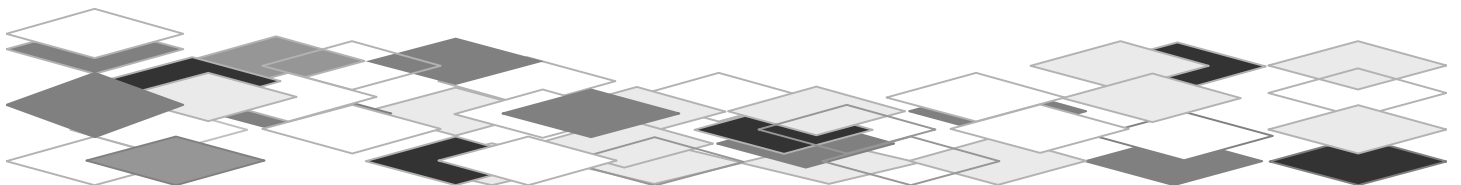


2. The teeth fit into The Glass Racking Company grooved steel and aluminium sections used on existing trolleys and glass handling equipment. This provides a range of design options.

3. All of The Glass Racking Company trolleys use quality castors rated to the load of the trolley. This means that they have longevity and continue to provide smooth operation for the life of the product.

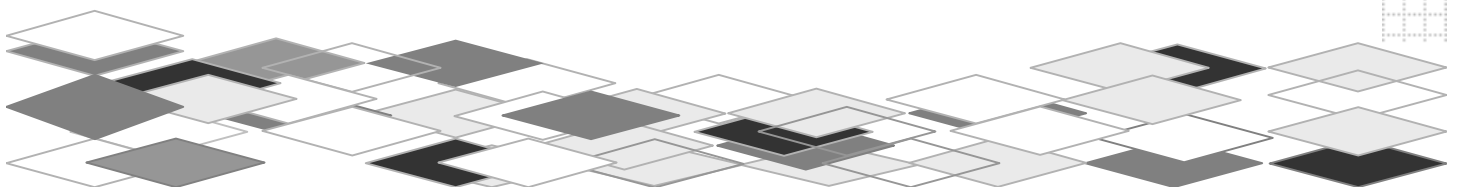


4. The Glass Racking Company trolleys are hot dip galvanised and have end caps to hold the teeth in place for a neat and tidy solution.



## BENEFITS OF THE TOOTH TROLLEY

- The Tooth DGU trolley is very space efficient for storage, at 40mm per DGU and 57mm per sash. This uses up to 75% less space than some harp trolleys which use thick foam separators
- The units are supported by a tooth every 300mm which makes them very secure. Front sections are supported by a row of grey polymer for ease of load and unload
- The Tooth trolleys are quick and easy to load and unload with reduced risk of scratching the units
- The Tooth trolley means that job lots which contain various thicknesses of units can be safely and easily managed on a single trolley
- As new DGU and sash thicknesses are required the existing Tooth trolley will accommodate them
- Units are kept secure from touching abrasive or damaging surfaces, including other units
- The “toaster” layout of the Tooth trolley means that individual units can be accessed for processing without touching other units.
- Some window customers use the DGU trolleys for supplying glass to their sash tables and glazing rigs, and sash trolleys for storing and moving sashes between the sash tables and final assembly rig.



## TIPS FOR USE

When loading units into the Tooth trolley ensure that the unit is pushed firmly into both the horizontal and vertical rows of teeth simultaneously. The teeth are designed to hold the units and hence the trolley is not designed for sliding the units into position (as with harp trolleys)

The tooth system is suitable for units of up to 1200mm x 1200mm. Larger or heavier units should be stored separately as they become difficult to unload by grasping their edge. Any non-tempered glass or DGUs may cut into the tooth over a period of time, particularly if slid into and out of position. The wear is reduced by placement, and if needed the teeth are replaceable.

## STANDARD TROLLEY SIZES



30 slot DGU trolley  
L1250 x H1200 x D700  
18-35mm slots



40 slot DGU trolley  
L1620 x H1500 x D900  
18-35mm slots



20 slot Sash trolley  
L1200 x H1200 x D700  
35-52mm slots

### DGU Tooth trolleys

Contact us today to discuss your DGU handling needs.

## HOW TO PURCHASE

Contact your local representative in Christchurch, Melbourne, Brisbane or Perth.

Tooth trolley

Jan 2013

**METALCRAFT**  
Innovation by Design

The Glass Racking Company

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