

# THE GLASS RACKING COMPANY

Innovation by Design

## TOOTH DGU TROLLEY



The Glass Racking Company range of Tooth trolleys has been developed to assist glass and window companies with the storage and movement of Double Glazed Units around factories. The unique design of the Tooth system secures DGUs of 18mm to 35mm thickness in a single trolley.

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

## THE COMPONENTS

The Glass Racking Company Tooth DGU trolley utilises 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 DGUs while being stored or moved around the factory

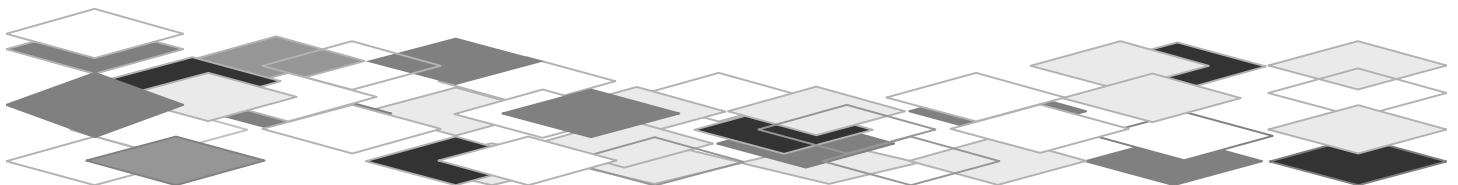
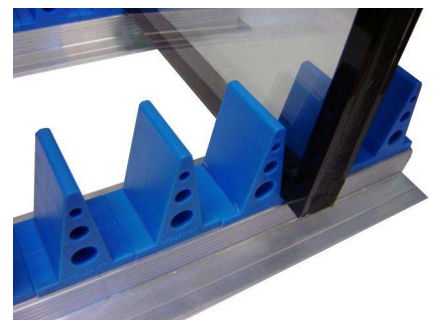
Key components of The Glass Racking Company Tooth DGU trolley are :

1. The tooth is moulded out of non-marking ABS plastic of a grade to withstand the continual loading and unloading of DGUs from the trolley. Thin DGUs 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 DGUs 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.

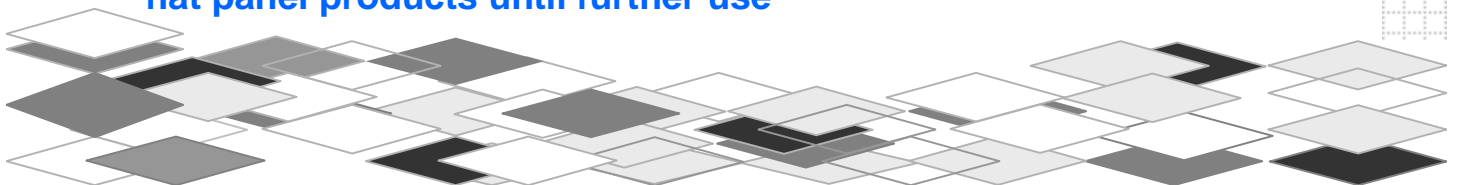


## BENEFITS OF THE TOOTH DGU TROLLEY

- The Tooth DGU trolley is very space efficient for DGU storage, at 40mm per DGU. This uses up to 75% less space than some DGU harp trolleys which use thick foam separators
- The DGUs 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 DGU trolley is quick and easy to load and unload with reduced risk of scratching the DGUs
- The Tooth DGU trolley means that job lots which contain various thicknesses of DGU glass can be safely and easily managed on a single trolley
- As new DGU thicknesses are required the existing Tooth DGU trolley will accommodate them
- DGUs are kept secure from touching abrasive or damaging surfaces, including other DGUs
- The “toaster” layout of the Tooth DGU trolley means that individual DGUs can be accessed for processing without touching other DGUs.

## USES FOR THE TOOTH DGU TROLLEY

- Glass companies can load DGUs straight off the processing line onto a Tooth DGU trolley for moving to the vehicle loading area. Individual DGUs can be chosen and loaded onto the vehicle in the best sequence for the vehicle load
- Window Fabricators can load DGUs from their glass delivery truck directly onto the Tooth DGU trolleys for delivery to the Sash assembly area, glazing tables, and Rig
- In all factories the Tooth DGU trolley provides a convenient device for storing DGUs and other flat panel products until further use



## TIPS FOR USE

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

The tooth system is suitable for DGUs 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-arrised 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 DGU trolley  
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The Glass Racking Company

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