

THE GLASS RACKING COMPANY

Innovation by Design

TOOTH IGU CART



The Glass Racking Company range of Tooth carts has been developed to assist glass and window companies with the storage and movement of Integrated Glass Units around factories. The unique design of the Tooth system secures IGUs of 45/64" to 1 3/8" thickness in a single cart.

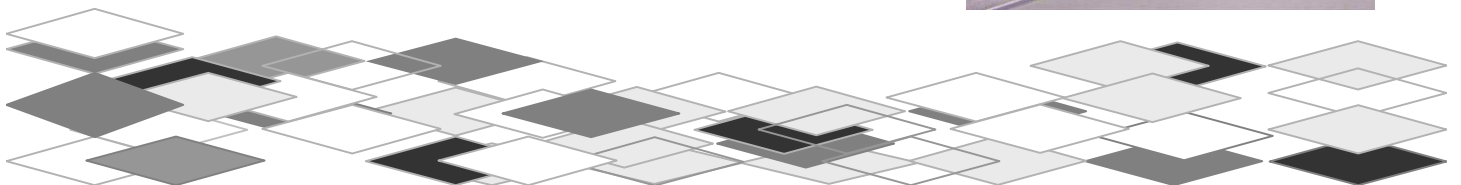
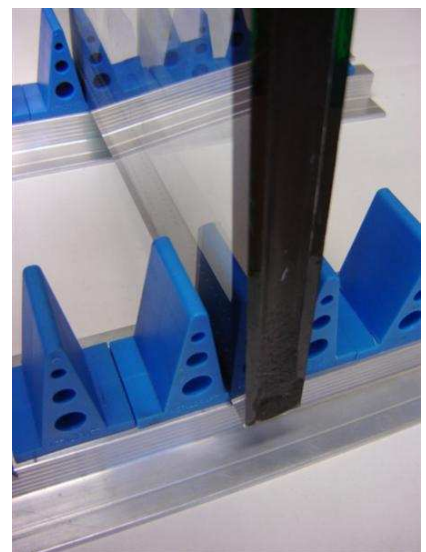
GET FULL PRODUCT CATALOGS ONLINE AT
WWW.THEGLASSRACKINGCOMPANY.COM

THE COMPONENTS

The Glass Racking Company Tooth IGU cart utilizes a new securing system based on an ABS plastic tooth that slides into a grooved section of either aluminum or steel. Rows of teeth provide the required security for glass IGUs while being stored or moved around the factory

Key components of The Glass Racking Company Tooth IGU cart are :

1. The tooth is molded out of non-marking ABS plastic of a grade to withstand the continual loading and unloading of IGUs from the cart. Thin IGUs 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 IGUs of various sizes are secured.
2. The teeth fit into the grooved steel and aluminum sections used on our existing carts and glass handling equipment. This provides a range of design options.
3. All carts use quality castors rated to the load of the cart. This means that they have longevity and continue to provide smooth operation for the life of the product.
4. The Glass Racking Company carts are hot dip galvanized and have end caps to hold the teeth in place for a neat and tidy solution.

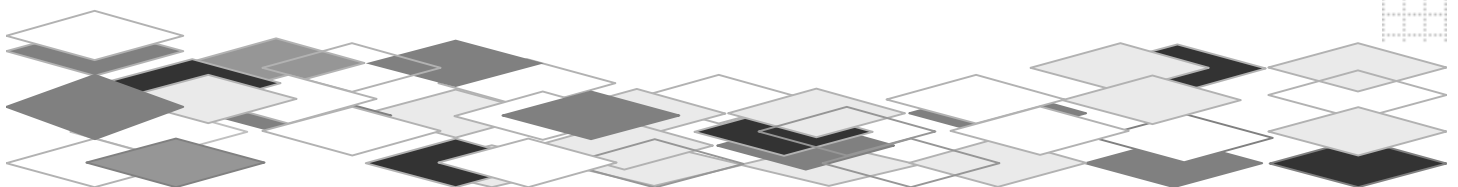


BENEFITS OF THE TOOTH IGU CART

- The Tooth IGU cart is very space efficient for IGU storage, at 1-9/16” per IGU. This uses 20% less space than an IGU harp cart and up to 75% less than some brands which use thick foam separators
- The IGUs are supported by a tooth every 12” which makes them very secure. Front and rear sections are supported by Metalcraft grey non-marking polymer bearer for ease of load and unload
- The Tooth IGU cart is quick and easy to load and unload with reduced risk of scratching the IGUs
- The Tooth IGU cart means that job lots which contain various thicknesses of IGU glass can be safely and easily managed on a single cart
- As new IGU thicknesses are required the existing Tooth IGU cart will accommodate them
- IGUs are kept secure from touching abrasive or damaging surfaces, including other IGUs
- The “toaster” layout of the Tooth IGU cart means that individual IGUs can be accessed for processing without touching other IGUs.

USES FOR THE TOOTH IGU CART

- Glass companies can use a Tooth IGU cart for moving IGUs to the vehicle loading area where individual IGUs can be chosen and loaded onto the vehicle in the best sequence for the vehicle load
- Window Fabricators can load IGUs from their glass route truck directly onto the Tooth IGU carts for delivery to the Sash assembly area, glazing tables, and Rig
- In all factories the Tooth IGU cart provides a convenient device for storing IGUs and other flat panel products until further use
- Sashes and window frames can also be stored in the tooth system. We supply spacers for between the teeth to allow for 1 3/8” – 2 1/16” width products to be stored.



TIPS FOR USE

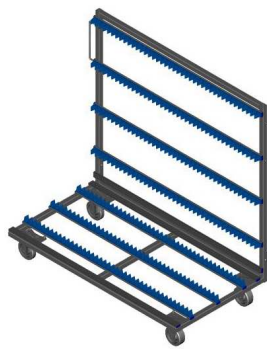
When loading IGUs into the Tooth IGU cart ensure that the IGU is pushed firmly into both the horizontal and vertical rows of teeth simultaneously. The teeth are designed to hold the IGUs and hence the cart is not designed for sliding the IGU into position (as with harp carts)

The tooth system is suitable for IGUs of up to 48" square. Larger or heavier units should be stored separately as they become difficult to unload by grasping their edge. Any non-arrised IGUs 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 CART SIZES



30 slot IGU cart
4'L x 4'H x 27"D
45/64"-1-3/8" slots



40 slot IGU cart
65" L x 57" H x 35" D
45/64"-1-3/8" slots



20 slot Sash cart
4'L x 4'H x 27" D
1 3/8" – 2 1/16" slots

TOOTH IGU CARTS

Contact us today to discuss your glass and window factory handling needs.

HOW TO PURCHASE

Contact your local representative in USA and Canada.

USACAN IGU Tooth
Cart 4 pager
July 2010

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