



## i About

Introducing the new generation of the true and tested IG Assembly System. This new generation utilizes state of the art electric actuation and is designed with up-to-date controls to ensure consistent high-quality IG production. With advanced safety features, IG Assembly System 2.0 assembles double-pane IG units of any size or order starting from 16" x 14" to 100" x 72", maintaining assembly accuracy and production pace. Built to last, it offers easy maintenance and reliable uptime, elevating both production efficiency and IG quality standards.

## ✓ Features

- Innovative conveyor design eliminates handling and scratching of glass
- The machine sets the production rate to pace the plant's glass line
- Automatically aligns and assembles lites
- Minimizes the chance of glass breakage and damage
- Eliminates operator handling of glass
- Sends IGUs through appropriate heating zone in accordance to GED's 3550 oven design
- Seamless integration into existing GED *Intercept*® line
- Automatic assembly of large units and patio doors
- Straight-through or turn configurations allow it to fit into any plant layout
- Designed to be flexible, handling small and large units
- Advanced engineering combined with heavy-duty construction

**Performance Specifications**

- **Max. unit size:** 100" length x 72" width (2.54m x 1.83m)
- **Min. unit size:** 16" length x 14" width (406.4mm x 355.6mm)
- **Max. recommended IG thickness:** 1 1/4" (31.75mm)
- **Production throughput:**
  - 5 units/min with straight line configuration
  - 6 units/minute with X-Y configuration
- Handles up to 49" (1.24m) length, two at a time
- **Produces:** 2880 2' x 3' (609.6mm x 914.4mm) units or 3 cycles/min = 6 units < 48"/min or 3 units > 48"/min

**Standard Equipment & Options**

- Entry and exit roller tables
- All associated conveyor tables
- Butterfly table, hydraulic powered
- Outriggers for larger units
- Automatic switching to single unit on glass sizes >49" [1.24m] in length

**Related Products**

- ATLAS® 2.0
- Stainless Steel Glass Washer
- Oven

**Upgrade Options**

- X-Y Conveyor turns units 90° to the left or right, to conserve floor space and improve production flexibility
- Spare Parts Kits
- Guards & Interlocks

**Standard Service Package**

- Machine installation
- Standard GED 1-Year Equipment Warranty
- Machine operator/maintenance training



**Request for Quote**

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Designed & Manufactured in the USA

**About GED Integrated Solutions**

GED Integrated Solutions, Inc. is the leading worldwide supplier of fully integrated insulating glass (IG) and vinyl window and door fabrication systems, and cutting-edge software process solutions, making it a single source for all your window production needs. With their revolutionary *Intercept*® warm edge spacer frame production systems, GED provides residential window and door manufacturers with the ability to make high-quality IG at levels unparalleled in the industry. Harnessing technology from robotics, automation and software, GED's intelligent solutions integrate every facet of a plant's operation, increasing IG quality and production volumes and profits while decreasing operating costs and material waste. The company's commitment to innovation addresses its customers' needs, evidenced by the fact that 22 of the top 25 window and door manufacturers utilize GED's equipment and software solutions to improve their profits and satisfy their customers. Learn more at [www.GEDUSA.com](http://www.GEDUSA.com).