

Insulating glass unit oven & roll press.
Fast. Efficient. Consistent.



i About

The fastest, most energy-efficient ways to produce IGUs, the Oven & Roll Press offers significant energy savings of 50% on units less than 42" (1066.8mm) wide over other IG ovens. With its high-intensity infrared emitters and intelligent control, it ensures even heating across the length and width of every unit with just a fraction of the energy. Three operating modes virtually eliminate interruptions and fit any need. The shape of the emitters and the gold plating direct energy to the seal line for consistent wet-out using less energy, and high-temperature ceramic rolls allows for quick shut down and no warping. Components are located outside the heated section for longer life and reduced maintenance and downtime. Sensors will not allow emitters to energize until the oven shafts are spinning.

✓ Features

- IGU thickness adjustment for continuous operation*
- Three operating modes – manual, semi-automatic, or full-automatic*
- Pre-set IGU recipes for various types of units – optimal heat and speed settings and adjustment for Low-E or other glass types
- Individual control of each emitter
- High-temperature ceramic rolls eliminates warping
- Non-stick press rolls for quick, easy clean up
- No blowers, for low energy costs and noise levels
- Outside access for electrical and drive train connections
- Extra-wide oven design heats consistently
- Independent automatic dual zone design
- Operator screen tracks idle time and units processed
- Automatic idle feature reduces energy consumption by up to 25%
- Shadow technology energizes and de-energizes emitters
- High efficiency infrared emitters

*full-automatic mode requires using within the ATLAS system.

Performance Specifications

- **Max. Unit Size:** 84" wide x 2" thick (2133.6mm x 50.8mm)
- **Min. Unit Size:** 12" x 12" x 3/8" (304.8mm x 304.8mm x 9.52mm)
- **Electrical Requirements:** 480VAC, 3Ph, 60Hz, 175FLA (24 emitter model)
- Operates up to 38ft/min (11.58m/min)

Standard Equipment & Options

- IGU tracking and recipe tracking software upgrade
- Emitter configuration options—32, 24, 20, 16
- Laminate configuration
- Shadow Technology
- Individual emitter control
- Automatic idle mode
- Oversize unit laser sensor
- 54" entry conveyor
- 120" exit conveyor

Upgrade Options

- Emitter protection shields
- Spare Parts Kits
- ATLAS® integration
- Seal Line Verification Kit
- Low-E detection kit
- Extended Exit Conveyor

System Controls

- PID control over idle temperature
- Automatically spaces different thickness IG's for optimal throughput
- On board diagnostics with touch panel
- Emitter, line speed & press height, configurable IG recipes

Complimentary Products

- Sealed IGU Carts
- Conveyors
- Stainless Steel Glass Washer

Preferred Service Package

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

Request for Quote

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Literature vIGOven-SL20200703



Designed & Manufactured in the USA

About GED Integrated Solutions

GED Integrated Solutions is a Worldwide Supplier of fully integrated insulating glass (IG), vinyl window and door robotic automation fabrication systems and software. GED leads the industry with quality, capacity and cost-effective solutions as demonstrated by the revolutionary *Intercept*® Warm Edge spacer frame production systems as well as our innovative vinyl automation systems and value-driven scheduling and analytics software. GED's commitment to innovation, that addresses our customers' needs, is proven by the fact that 22 of the top 25 window and door manufacturers utilize GED's equipment and software.