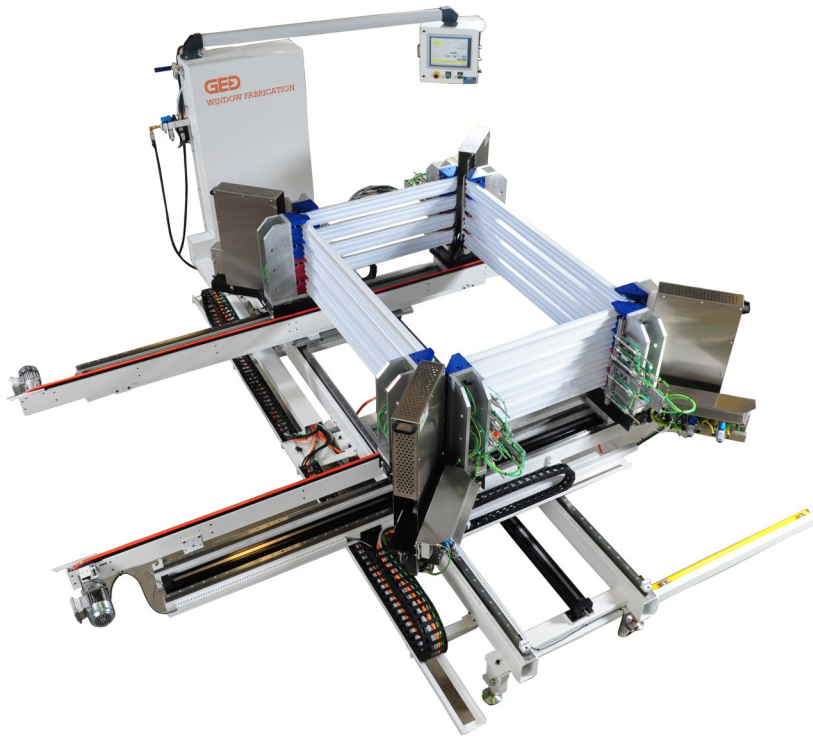


Horizontal four-point frame & sash welder



i About

The SW7000 horizontal four-point welders are robustly designed for long-term continual use with special features allowing multi-stack welding for both frame and sash. Multi-level fixturing with independent referencing assures strong, accurate welding on each level and more consistent cleaning of seams. Unique to the SW7000, this model has an automatic ejection system that reduces handling and increases efficiency of power. Heavy-duty mechanical design with fully enclosed ball screws for sizing assures highly accurate sizes for single and multi-stack configurations. It comes in both primary and secondary beam sizes, and is one of the fastest and most compact systems available on the market today.

✓ Features

- Automatic ejection system reduces handling and increases efficiency of power
- Parallel welding resulting in symmetric bonds with mechanically synchronized weld tables
- Primary and secondary beam sizes available
- Industrial PC & PLC provide total control and allow for downloading of batches from office system
- Capacity upgrade kit for triple/quad stack (components include: heater plates, guards, setting plates and back fences)
- Full computer control with HMI and download capacity (standard)
- Horizontal loading with convenience mode
- Four linear traveling heating and setting plates with intermediate stop positions for notched welding (slope sill)
- Symmetric weld cycle using parallel welding techniques
- Machine sizing via local keypad entry or optional full computer control for flexible operation
- Protective guarding, light curtain and surround fencing ensure safety of operation
- Long-term continual operation with minimal maintenance

Performance Specifications

- **Voltage:** 480 VAC Wye +/-10%, 3 Phase, 60 Hz
- **Primary Beam Sizes Available:** 7', 9', 10', 12'
- **Secondary Beam Sizes Available:** 6', 7', 8', 9'
- **Max. Weld Size*:** 84" x 108" (2134x 2743.mm) or 96" x 120" (2438 x 3048mm)
- **Min. Weld Size**:**
 - 14" x 14" (356mm x 356mm) (with Duck n' Tuck option)
 - 14" x 18" (356mm x 457mm) (with no option)

*Alternate sizes available upon request.

**Smaller minimums achievable with special fixturing.

► Standard Equipment & Options

- Horizontal loading with convenience mode for large sizes
- Four linear traveling heating and setting plates with intermediate stop positions for notched welding
- Symmetric weld cycle using parallel welding technique for improved corner strength
- Dual Heat Zone Controls
- Protective guarding and surround fencing light curtain
- Mechanically synchronized weld tables
- Automatic intermediate stop positions for notched welding
- Electrical cabinet temperature control w/ thermostat

System Controls

- Touchscreen PC and B&R® PLC machine controller
- Machine sizing via local keypad entry, network download and bar code communication with
- PC interface

► Upgrade Options

- Transformer Kit, 208V Primary/480V Secondary
- Transformer Kit, 240V Primary/480V Secondary
- Transformer Kit, 600V Primary/480V Secondary
- Drop Table for offload conveyor
- Tuck Assembly
- Bar Code Reader Software
- Duck & Tuck for small size units
- Single, Double, Triple & Quad level fixtures
- Spare Parts Kits
- Stainless Steel Pinch Knives (Interior/Exterior)
- Weld fixture inserts for additional profiles

Complimentary Products

- RoboClean® (RC2000)
- Weld Break Tester
- SW6000
- TruWeld™

► Preferred 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 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.



TECHNICAL SPECIFICATIONS

For installation dimensions please refer to full line layout drawing

DIMENSIONS		
Primary Beam	Beam Length	Machine Length
	9 ft. (274.3 cm)	173" (439.4 cm)
	10 ft. (304.8 cm)	193" (490.2 cm)
Secondary Beam	Beam Length	Machine Width
	6 ft. (182.9 cm)	90" (228.6 cm)
	7 ft. (213.4 cm)	103" (261.6 cm)
Operating Weight	<5000 lbs (<2268 kg)	
Work Table Height	33" - 37" (83.9 cm - 94 cm)	
SPECIFICATIONS		
Welding Heads	4	
Number of levels	Up to 4 frames (3" limit per profile).	
REQUIREMENTS		
Power Supply Requirements	480 VAC Wye +/-10%, 3 Phase, 60 Hz <i>NOTICE: The use of Wye power is required on this equipment. The use of Delta power is prohibited and will void warranty. If the facility has Delta power, an isolation transformer that converts the power to Wye center-ground-tap is required.</i>	
Full Load Amperage Draw (FLA)	31.48 AMP	
Compressed Air Requirements	4 CFM @ 90 PSI	
EJECTOR		
Compressed Air Requirements	1.5 CFM @ 90 PSI	
Motor Size	2 x 0.25 HP Gear Motor, 1:15	
CONTROLS		
Industrial PC	Touch Screen, 15" (34.1 cm) LCD, Network Capable Controller	
ENVIRONMENT		
Operating Temperature	60°F to 104°F (16°C to 40°C)	
Storage Temperature	-4°F to 122°F (-20°C to 50°C)	
Humidity	10-90% Non-condensing	
Noise Level	<85 dbA	