

Float Glass Factory Contractor

Cutting Edge Technology at Competitive Prices

Stewart Engineers uses its extensive experience in float glass to design and build float facilities that maximize profit. Technologies like the EcoMelt® Furnace, StewartFloat® Tin Bath and AcuraCoat® Online CVD Glass Coating System combined with Stewart's international project management and procurement experience result in float facilities that are built on schedule, on budget, and with high quality.

About Stewart Engineers

Stewart Engineers, established in 1986, is a privately held, family-owned company headquartered in North Carolina, USA. Specializing in the design and construction of proprietary glass making equipment for melting, forming, and coating, as well as complete turnkey factories, Stewart is the leading choice for independent glass manufacturers worldwide, with over 100 references globally.

Stewart is the only provider of turnkey float factories with Online CVD glass coating systems.

Engineering, Procurement, & Construction

Turnkey projects include engineering, procurement, construction, and operation services. Stewart reduces the total cost of a project by 10-20% through the following strategies:

- Single point of contact
- Minimization of overhead costs
- Strategic selection of trusted and qualified vendors
- Optimization of logistics and inspection processes
- Robust document control
- Accelerated project completion
- Enhanced risk management and quality assurance
- Seamless integration of all project phases



Training, Commissioning, & Operational Support

- Equipment and operational training
- Heat-up and commissioning
- Debugging and problem solving
- Performance tests including yield optimization
- Additional operational support available

Sales & Marketing Services

- Feasibility studies
- In-depth Global and Regional market research
- Operations and cash flow analyses
- Development of offtake agreements
- Sales forecasting and trend analysis

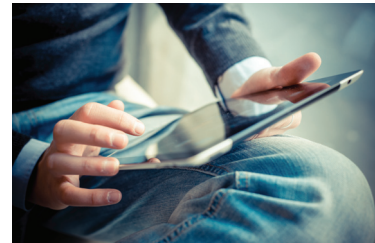
Stewart's Facility Product Range



Appliance Glass



Solar Glass



Electronics Glass



Architectural Glass



Automotive Glass



Furniture Glass

Stewart's Facility Technical Specifications

Glass Composition	Soda Lime, Low Iron, Tinted, Borosilicate, Aluminosilicate
Capacity	50 to 1,200 MTPD
Thickness Range	0.5 to 25 mm final glass thickness
Width Range	2,000 to 5,200 mm gross ribbon width
Yield	90% Net Glass Yield
CVD Coatings	Low E, Reflective, Anti-Reflective, Self-Cleaning, Anti-Microbial, Solar Control
Plant Operating Costs	Optimized to local market
Final Cut Size	Any
Total Capital Cost	\$80 to \$250 million
Glass Quality	ASTM C1036-06 Quality Level 2
Schedule	18-22 months

Engineered and designed to fulfill your needs

A GLOBAL PRESENCE

35+ Years | 100+ References | 17 Countries



EcoMelt®
Glass Furnace



StewartFloat®
Tin Bath



AcuraCoat®
CVD System

**Engineering the Future of Glass,
One Innovation at a Time**