

Regenerative Melting Furnace Technology



EcoMelt™ - Regenerative Melting Furnace

The fully customizable EcoMelt™ regenerative furnace is specifically designed to produce the highest quality automotive, solar, and architectural glass while maintaining the best thermal efficiencies and lowest emissions and maximizing furnace life. Stewart will assist customers in specifying glass tonnage, fuel source, tints, and automation level to suit their market needs.





EcoMelt™ Regenerative Melting Furnace



For each project, customers will specify the tonnage, ribbon width, and sourcing to suit their needs. Our expertise in glass manufacturing facilities, combined with a relentless commitment to innovation, enables us to deliver the best products and services in the glass industry.

Features

Process Design Modeling

Forming Modeling

Automation

- Integrated Control System
- Cascaded Port Firing Control
- Excess O₂ Sensing
- Laser Level Class Control

High Furnace Capacity

- Up to 1200 MTPD

Long Life - 20+ Years

Proven Technology

Excellent Optical Quality

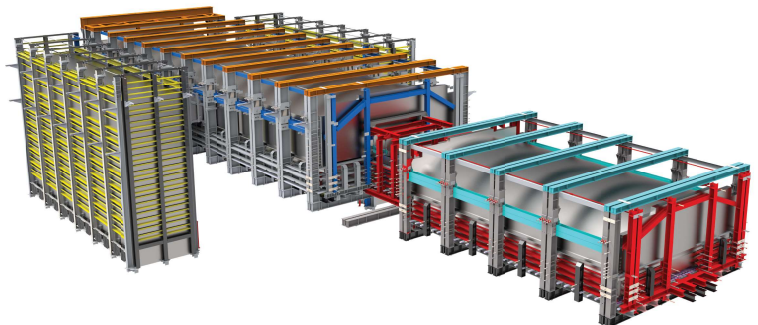
Complete Glass Formulations

Installation Supervision

Operation Assistance

Available EcoMelt™ Furnaces

Type	Soda Lime, Ultra-Clear, Borosilicate, Aluminosilicate
Tonnage	50 - 1200 MTPD
Energy Efficiency	1350 ± 10% KCAL/KG



Engineered and designed to fulfill your needs