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.
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**

<table>
<thead>
<tr>
<th>Type</th>
<th>Soda Lime, Ultra-Clear, Borosilicate, Aluminosilicate</th>
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</thead>
<tbody>
<tr>
<td>Tonnage</td>
<td>50 - 1200 MTPD</td>
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<tr>
<td>Energy Efficiency</td>
<td>1350 ± 10% KCAL/KG</td>
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Engineered and designed to fulfill your needs