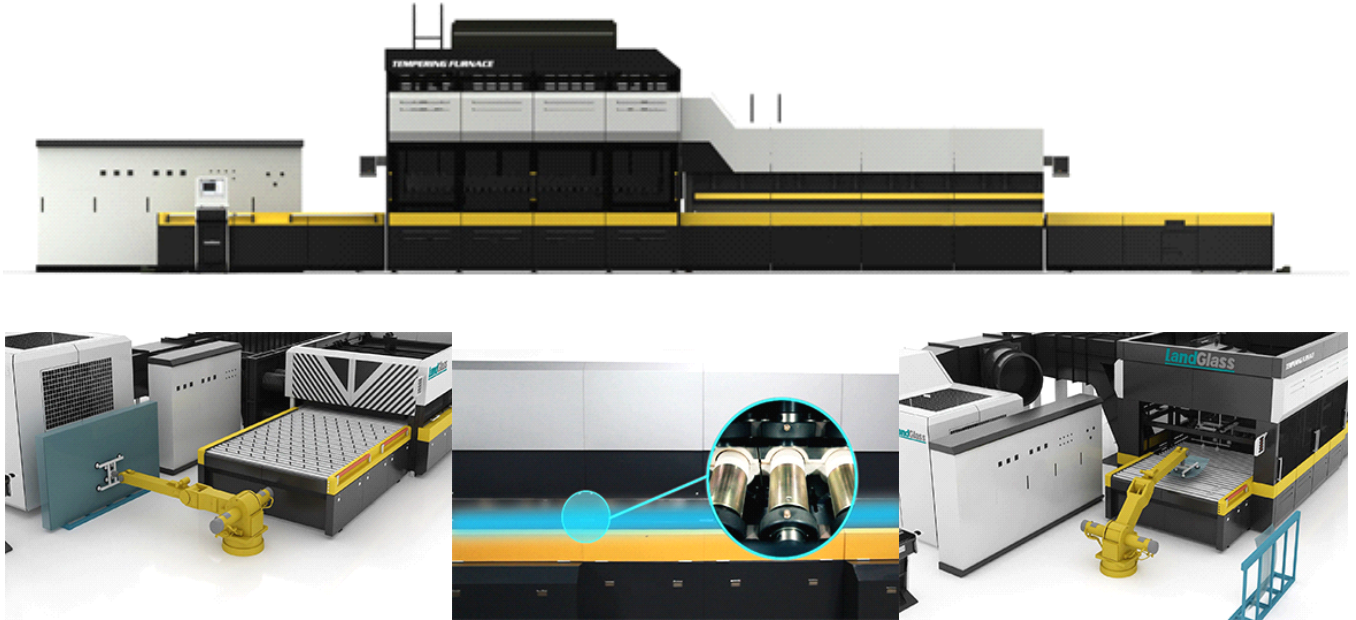


LD-E AirStream Double Curvature Glass Tempering Furnace



Application Fields:

Architecture&Furniture, Automobile Industries and Household Appliances, etc.

Heating Mode:

Combination of radiation and assistant convection heating.

Glass Can Be Tempered:

On-line Low-E Glass, Ultra Clear Glass, Screen Printed Glass, Pattern Glass, Tinted Glass, Clear Glass, etc.

Product Introduction

The design of LD-E Double Curvature Glass Tempering Furnace was inspired by the bending furnace. Glass is heated inside the furnace while moulded and tempered outside. Forming, tempering and unloading of glass are accomplished in a three-stage method. LandGlass has developed a more intelligent double curvature glass tempering furnace with high pressure blower instead of air compressor, developed together with the automatic chiller adjustment technology.

AirStream™ Radiation Heating plays a supportive role during the process. Compressed air is injected into the heating furnace to aid the heating process of the top surface of the glass, which ensures heating uniformity for on-line Low-E glass, and other

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glass types.

LD-E AirStream™ Double Curvature Glass Tempering Furnace adopts AirStream™ heating technology. It is suitable for tempering top-quality double curvature glass. Glass that can be tempered includes: on-line Low-E glass, ultra clear glass, screen printed glass, pattern glass, tinted glass, clear glass, etc.

Technical Features

1. Molding technology and automatically-adjusted quenching technology, not only reduces the time spent in making chillers, it also reduces the cost of the final product.
2. The bending system is controlled by German Servo Control System, which ensures good repeatability and consistency.
3. It has a high degree of automation and reliability; it can bend and temper small volumes of highly accurate double curvature glass for the automotive market.

Technical Parameters

| LD-E AirStream Double Curvature Glass Tempering Furnace | | | | | | | |
|---|-----------------|----------------|-----------------|--------------------------|--------------------|------------------------|-------------------------|
| Types | Max. dimension | Min. dimension | Glass thickness | Max. height of curvature | Curvature accuracy | Productivity (loads/h) | Installed capacity(KVA) |
| E1610/2 | ARC1600xARC1000 | ARC500xARC400 | 3.5-6 | 120 | <2mm | 30-36 | 800 |
| E2312/2 | ARC2300xARC1200 | ARC600xARC500 | 4-6 | 150 | <2mm | 30-36 | 800 |

Productivity is calculated on 4.0mm clear glass. Actual productivity is subject to glass types, sizes and loadage. Not all types are listed here due to limited of space.

Customer Case

| | |
|-----------------|--|
| Company | BSG Auto Glass Co.Ltd. |
| Location | Jiangsu, China |
| Company Profile | BSG Auto Glass Co.Ltd. is specialized in the production of various automobile glass. Owing several international leading production lines for high-end automobile glass, BSG Auto Glass Co.Ltd. is devoted to the developing, manufacturing and marketing of high-performance sound-proof and heat-proof automobile glass. |

| | |
|---------------|---|
| Furnace Type | LD-E Series Double Curvature Glass Tempering Furnace |
| Main Products | Foreside windscreen tempered glass, sidelight tempered glass for high-end cars, buses, trucks, campers. |



Site: <http://www.landglass.net/Products/Bent-Glass-Tempering-Furnace/LD-E.html>

YouTube: <http://www.youtube.com/watch?v=tQwS9oMmJos>