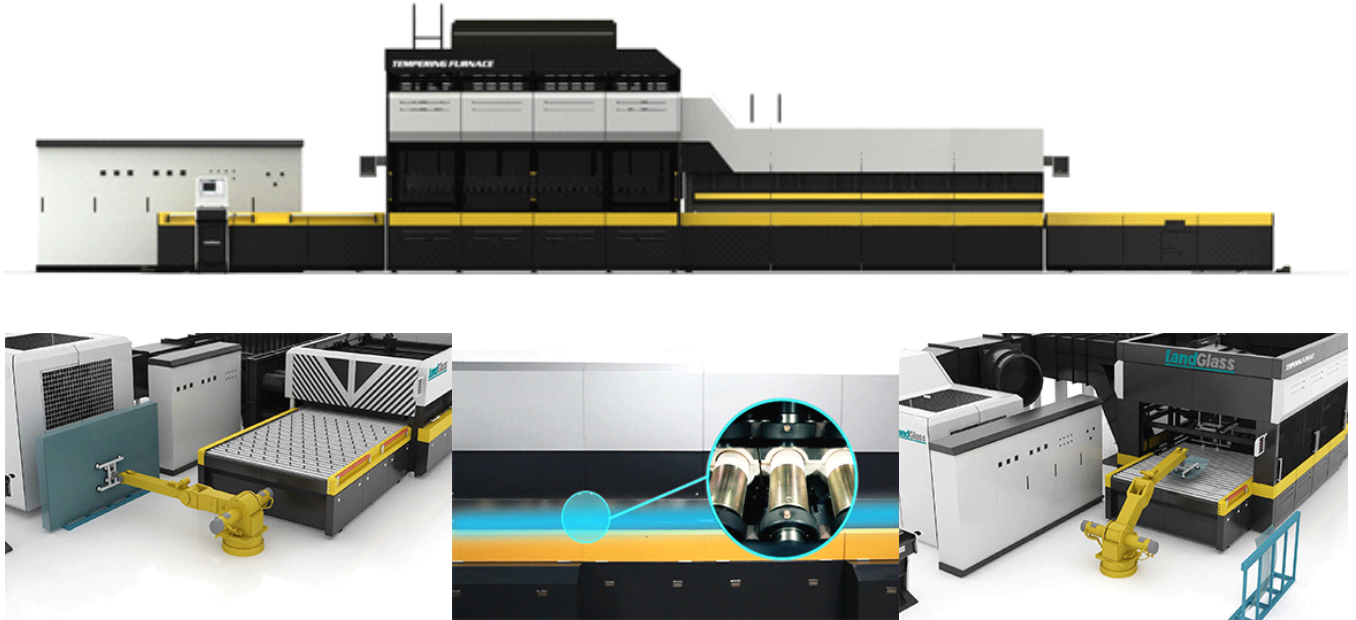


LD-E JetConvection Double Curvature Glass Tempering Furnace



Application Fields:

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

Heating Mode:

Forced convection heating on the top and bottom.

Glass Can Be Tempered:

On-line and Off-line Low-E ($E=0.02$) 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. Equipped with JetConvection heating technology, it can bend and temper off-line and online Low-E and other highly demanding glasses.

JetConvection™ Convection heating plays an important role during glass heating. Air is heated in the JetConvection chamber

LANDGLASS TECHNOLOGY CO.,LTD.

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inside the heating furnace and is blown onto the glass surfaces. Air is then recirculated and recirculated by the convection blowers into the JetConvection chamber. LandGlass JetConvection technology enhances the quality of the final product and increases productivity by ensuring an even heating, while minimizing production costs.

LD-E JetConvection™ Double Curvature Glass Tempering Furnace adopts JetConvection™ heating technology. It is suitable for tempering top-quality double curvature glass. Glass that can be tempered includes: on-line and off-line Low-E (E=0.02) glass, extra 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.
4. Equipped with JetConvection heating system, it can temper on-line and off-line Low-E (E=0.02) glass, extra ultra clear glass, screen printed glass, pattern glass, tinted glass, clear glass, etc.

Technical Parameters

LD-E JetConvection 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-EJ.html>

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