

LD-BE JetConvection Double Bent Bi-direction 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

LandGlass produces the BE Series Double Bent Bi-direction Glass Tempering Furnace. It has both a B and an E bending and

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tempering section at each side of the heating furnace. By loading the glass from different directions, the machine can process single curvature bent glass for automotive sidelites with the B bending and tempering section or double-curvature glass like automotive backlites with the E bending and tempering section. It is a perfect choice for an automotive glass producer due to the reduced investment taking into account that one heating furnace serves both purposes. It is equipped with JetConvection™ heating technology and can temper off-line Low-E and other high demand bent glass.

JetConvection™ Convection heating plays an important role during glass heating. Air is heated in the JetConvection chamber 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-BE JetConvection™ Double Bent Bi-Directional Glass Tempering Furnace adopts JetConvection™ Heating Technology. It is equipped with two bent quenching sections at each side of the heating furnace. By loading glasses in different directions, the tempering line can temper single curvature or double curvature bent 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. It is equipped with a B and an E bent quenching section at each side of the heating furnace. By loading glasses in different directions, the tempering line can process single curvature bent glass for automotive sidelites and double curvature bent glass for automotive backlites.
2. It can temper small volumes of high quality single curvature and double curvature bent tempered glasses for vehicles.
3. 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-BE JetConvection Double Bent Bi-direction Glass Tempering Furnace							
Types	Single	Single	Double	Double	Glass thickness	Productivity (loads/h)	Installed Capacity (KVA)
	Curvature	Curvature	Curvature	Curvature			
	Max.size	Min.size	Max.size	Min.size			

B1608E10/2	1600x ARC800	200xARC350	ARC1600x ARC1000	ARC500xARC400	3.5-6/120	30-34	800
B2310E12/2	2300x ARC1000	300xARC400	ARC2300x ARC1200	ARC600xARC500	4-6/150	30-34	1000

Productivity of double curvature glass is calculated 4mm 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	Shangbo Glass Limited Company
Location	Henan, China
Company Profile	Shangbo Glass Limited Company is specialized in the high-end glass processing, boasting international leading production equipments and ranking among first-class glass processing industries with high automation level and high quality products. Among its leading products are safety glass, insulating glass and Low-E glass that is environmentally friendly and energy-saving.
Furnace Type	LD-BE Double Bent Bi-direction Glass Tempering Furnace
Main Products	Tempered glass for exterior walls and interior decorations of high-end building and for doors and windows of residential houses.



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

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