

LD-BE AirStream Double Bent Bi-direction 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

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

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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.

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 glass types.

LD-BE AirStream™ Double Bent Bi-Directional Glass Tempering Furnace adopts AirStream™ 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. The glass that can be tempered includes: on-line Low-E 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.

Technical Parameters

LD-BE AirStream Double Bent Bi-direction Glass Tempering Furnace							
Types	Single Curvature Max.size	Single Curvature Min.size	Double Curvature Max.size	Double Curvature Min.size	Glass thickness	Productivity (loads/h)	Installed Capacity (KVA)
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 on 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-BE.html>

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