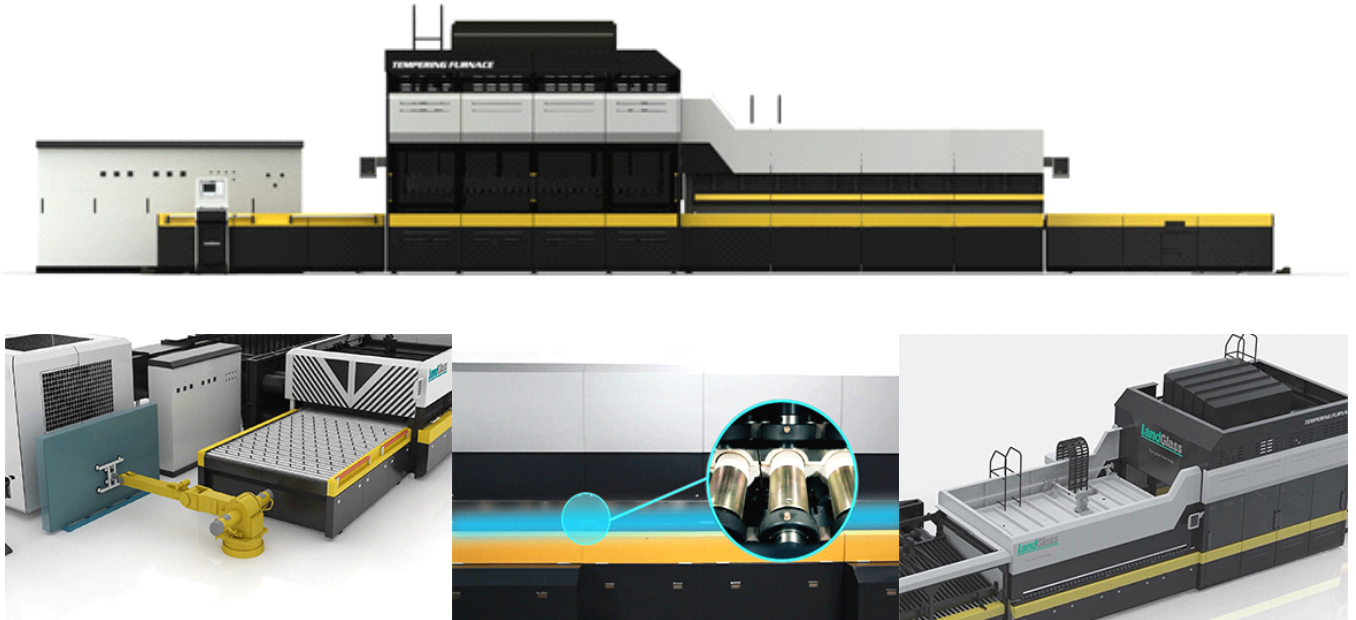


LD-B AirStream Single Curvature Glass Tempering Furnace



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

After the excellent results obtained from the first flat glass tempering furnace, LandGlass started committing R&D resources to develop the B bent glass tempering equipment. The first name it received was the hard-roller bending tempering furnace, because of the steel driving rollers in the bending section. The small pieces of bent tempered glass that the furnace produces satisfy the demand of the automotive and furniture markets.

Our engineering team worked for years to develop the bending mechanism for this furnace, from a simple manual bending mechanism to a precise semi-automatic bending system. This is one of the most popular LandGlass' products.

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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-B AirStream™ Single Curvature Glass Tempering Furnace adopts AirStream™ Heating Technology. It is an optimum system to bend and temper single curvature glass in small quantities. Glass tempered by this tempering furnace is suitable for the architectural and furniture markets. 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. Hard-shaft bending roller technology bends glass lengthwise.
2. The bending system consists of many bending mechanisms, each of which can camber by itself, and also can be slightly adjusted separately, therefore providing a higher accuracy curvature.
3. The bending system is controlled by German Servo Control System, which ensures good repeatability and consistency.
4. It can bend and temper small volumes of highly accurate single curvature glass for the automotive and household appliances market.

Technical Parameters

LD-B AirStream Single Curvature Glass Tempering Furnace						
Types	Max. dimension	Min. dimension	Glass thickness	Min. radius	Productivity(pieces/h)	Installed capacity(KVA)
B09075/4	900xARC750	150xARC300	3.2-5	1000	70-90(3.5mm)	630
B1208/3	1200xARC800	150xARC300	3.2-5	1000	40-43(5mm)	1000
B1510/2	1500xARC1000	150xARC300	3.2-5	1000	25-29(5mm)	1000
B2015/2	1500xARC1500	200xARC350	4-6	1000	25-29(5mm)	1000

Productivity is calculated on 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	Vidrieria Oriental
Location	Bolivia, South America
Company Profile	The Oriental Glassmaking Company is located in the city of Santa Cruz, Bolivia. The company is specialized in the production of tempered glass for the use of architecture, furniture and decorations. With advanced equipments and skilled workers, the company can produce high quality glass products to meet the demand of customers.
Furnace Type	LD-B Series Single Curvature Glass Tempering Furnace
Main Products	Tempered glass for autos, architecture, furniture, stained glass, etc.



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

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