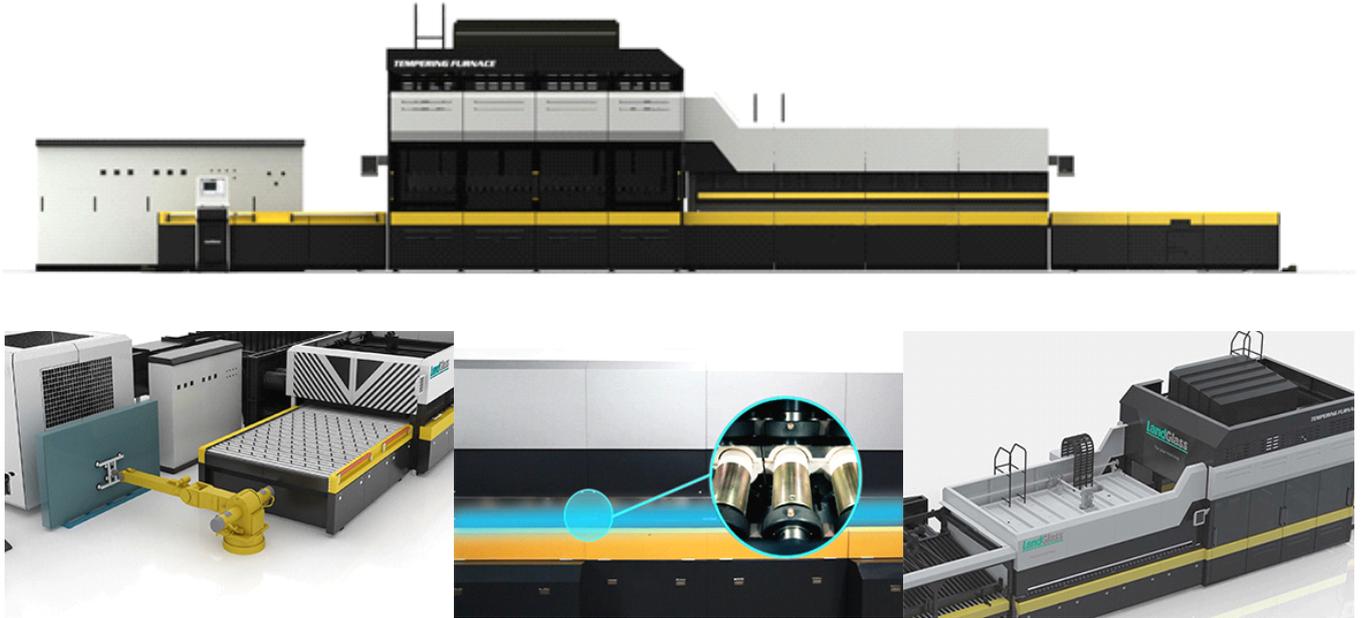


## LD-B JetConvection Single Curvature Glass Tempering Furnace



### 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

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

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mechanism to a precise semi-automatic bending system. This is one of the most popular LandGlass' products. 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 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-B JetConvection™ Single Curvature Glass Tempering Furnace adopts JetConvection™ heating technology. It is suitable for tempering single curvature glass in small quantities. 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. 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.
5. 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-B JetConvection 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	73-94(3.5mm)	630
B1208/3	1200xARC800	150xARC300	3.2-5	1000	42-45(5mm)	1000
B1510/2	1500xARC1000	150xARC300	3.2-5	1000	26-30(5mm)	1000
B2015/2	1500xARC1500	200xARC350	4-6	1000	26-30(5mm)	1000

Productivity is calculated on clear glass with 65% loadage. 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-BJ.html>

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

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