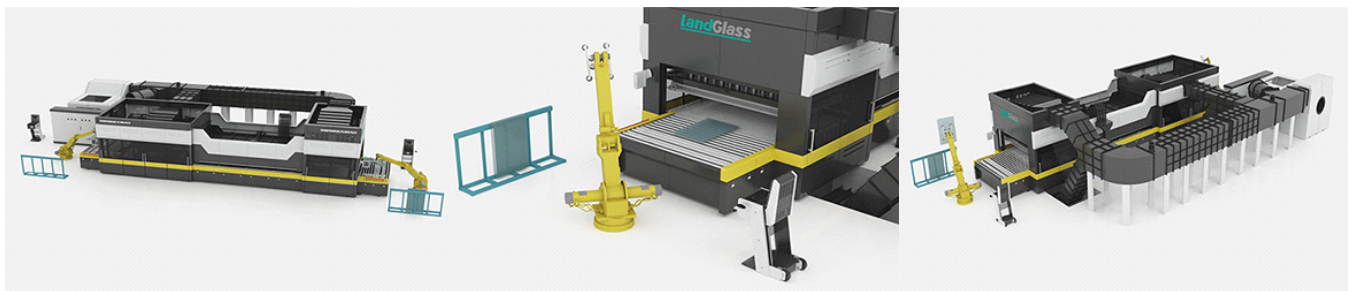
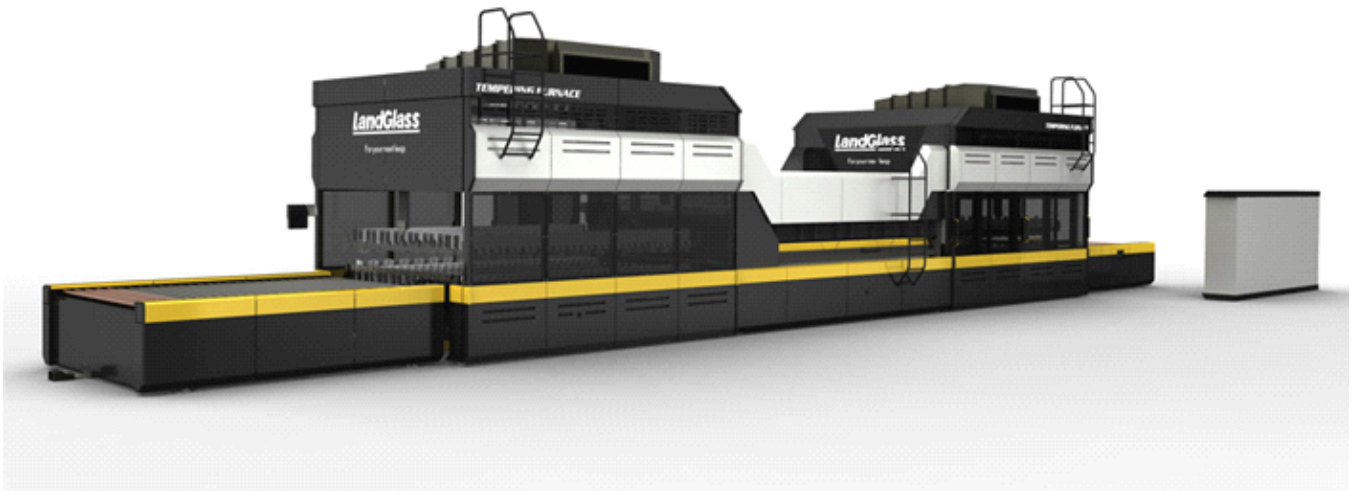


## LD-BB JetConvection Double Bent Bi-direction Glass Tempering Furnace



### 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

The B Bending & Tempering equipment range is greatly welcomed due to the ideal curve and good repeatability of the end

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product. LandGlass equips the heating furnace with a large size B Bending & Tempering section on one side and a small size B Bending & Tempering section on the other side, making this BB Series Bi-Directional Double Bending & Tempering Furnaces. By loading the glass from different directions, the machine can process large size bent tempered glass for the architectural market and small size bent tempered glass for furniture. 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-BB 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 different kinds of 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 bent quenching section at each side of the heating furnace. By loading glasses from different directions, the tempering line can temper bent glasses of different dimensions and radii.
2. It can temper the best quality large thick bent glass for the architectural market and small thin bent glass for the automotive or furniture markets.
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-BB JetConvection Double Bent Bi-direction Glass Tempering Furnace |                         |                          |                 |                        |                    |
|--|-------------------------|--------------------------|-----------------|------------------------|--------------------|
| Types  | Bent glass for building | Bent glass for furniture | Glass thickness | Productivity (loads/h) | Installed Capacity |

|                            | Max.<br>dimension | Min.<br>dimension | Max.<br>dimension | Min.<br>dimension |          | Clear<br>glass | Low-<br>E | (KVA) |
|----------------------------|-------------------|-------------------|-------------------|-------------------|----------|----------------|-----------|-------|
| <a href="#">B2430B08/2</a> | 2440xARC3000      | 300xARC500        | 2440xARC800       | 300xARC400        | 4-19/450 | 27-31          | 25-29     | 800   |
| <a href="#">B2430B10/2</a> | 2440xARC3000      | 300xARC500        | 2440xARC1000      | 300xARC400        | 4-19/500 | 27-19          | 25-29     | 1000  |
| <a href="#">B2430B15/2</a> | 2440xARC3000      | 300xARC500        | 2440xARC1500      | 300xARC400        | 4-19/750 | 27-31          | 25-29     | 1000  |

Productivity of bent glass for furniture is calculated on 5mm clear glass with 65% loadage. Actual productivity is subject to glass types, sizes and loadage. Not all types are listed here due to limited space.

## Customer Case

|                        |  |
|------------------------|--|
| <b>Company</b>         | Elco Glass industries  |
| <b>Location</b>        | USA  |
| <b>Company Profile</b> | Elco Glass industries in Lakewood, New Jersey, USA, is specialized in the manufacturing of safety glass used for architecture, furniture, doors and windows. The innovative company pays close attention the technological development of glass industries and has a cooperative relationship with LandGlass. The glass tempering furnace from LandGlass has helped Elco satisfy customers' needs and win their acclaim. |
| <b>Furnace Type</b>    | LD-BB Double Bent Bi-direction Glass Tempering Furnace   |
| <b>Main Products</b>   | Tempered glass for architecture, furniture, autos, doors and windows, etc.   |



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

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

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