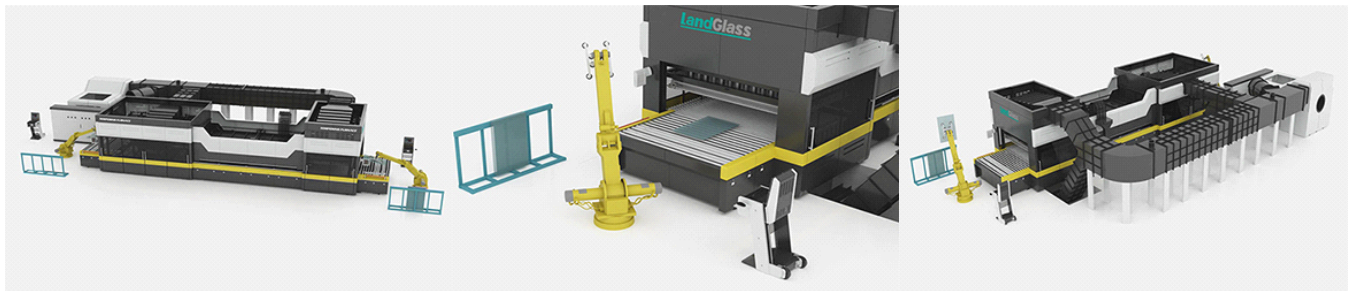
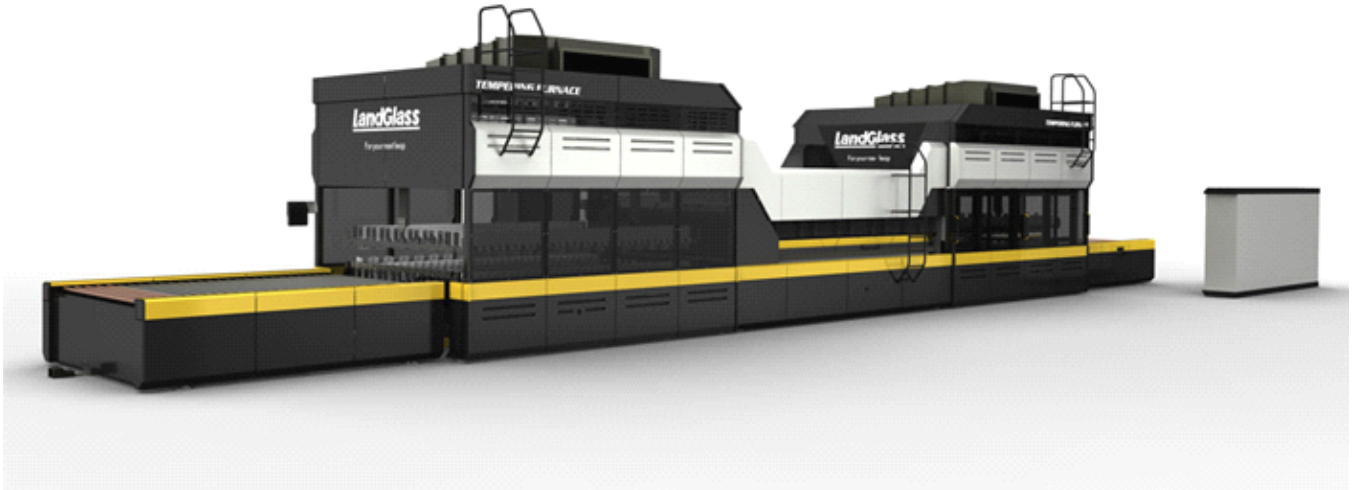


## LD-BC JetConvection Double Bent Bi-direction Glass Tempering Furnace



### 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 furnace is more suitable to process small and medium-sized tempered glass while the C bending &

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tempering furnace is more suitable to process large-sized tempered glass. LandGlass decided to create the BC series double bent bi-directional bending & tempering furnace by combining a B and a C bending & tempering section at each side of the heating furnace. By loading the glass in 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-BC 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 B and a C bent quenching section at each side of the heating furnace. By loading glasses in 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-BC JetConvection Double Bent Bi-direction Glass Tempering Furnace								
Types	Bent glass for building		Bent glass for furniture		Glass thickness	Productivity (loads/h)		Installed Capacity (KVA)
	Max. dimension	Min. dimension	Max. dimension	Min. dimension		Clear glass	Low-E	

B2408C36/2	3600x ARC2440	400xARC600	2440x ARC800	300xARC400	4-19/450	27-31	25-29	800
B2412C42/2	4200x ARC2440	400xARC600	2440x ARC1200	300xARC400	4-19/500	27-19	25-29	1000
B2415C50/2	5000x ARC2440	400xARC600	2440x ARC1500	300xARC400	4-19/750	27-31	25-29	1250

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

Company	Glasshape NZ
Location	New Zealand, Oceania
Company Profile	Glasshape Ltd is a highly successful and dynamic company that focuses on manufacturing glass products for the Architectural, Transport and Super Yacht Industries. Founded in 1986, Glasshape Ltd has mastered and refined the technology of curved and bent glass, tempered glass, laminated glass and double glazed glass. Glasshape has exported glass products to Australia, UK, USA, China, Chile, Turkey, Pacific Islands and Singapore, are well received by customers.
Furnace Type	LD-BC Double Bent Bi-direction Glass Tempering Furnace
Main Products	Safety glass, automobile glass, heavy machinery glass, etc.



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

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

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