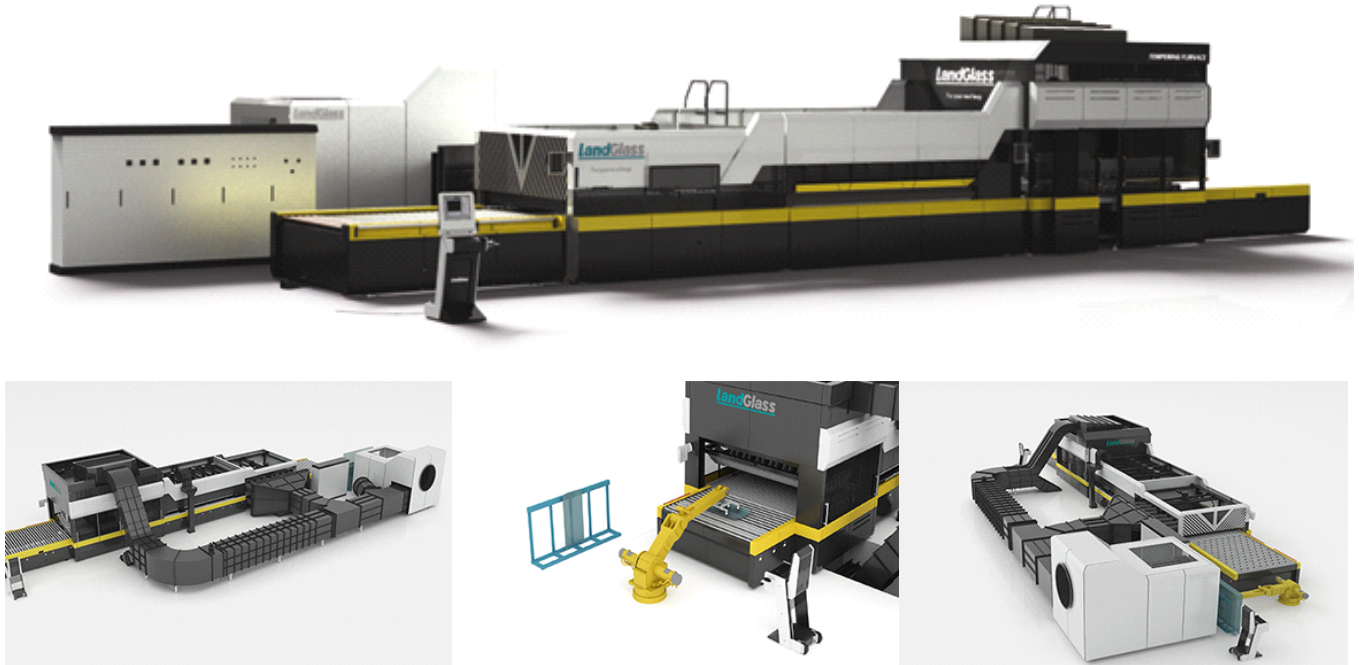


## LD-AB JetConvection Flat&bent Bi-direction Glass Tempering Furnace



### 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

With the development of the glass industry, the B type bending and tempering furnace, which was originally made for tempering small size glasses, was continuously redesigned to fit bigger glass sizes for the architectural glass market. After that, LandGlass introduced the AB Flat & Bent Bi-Direction Glass Tempering Furnace. This type of furnace has both a bent and a flat tempering section at the two ends of the heating furnace. It can temper flat or bent glass by loading the glass from different direction. Equipped with JetConvection heating technology, it can bend and temper off-line and online low-e and other highly demanding glasses.

## LANDGLASS TECHNOLOGY CO.,LTD.

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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-AB JetConvection™ Flat & Bent Bi-Directional Glass Tempering Furnace adopts JetConvection™ Heating Technology. It is equipped with a flat and a bent quenching section at each side of the heating furnace. By loading glasses in different directions, the tempering line can either temper flat glass or 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 flat and a bent quenching section at each side of the heating furnace. By loading glasses in different directions, the tempering line can either temper flat glass or bent glass.
2. Hard-shaft bending roller technology bends glass lengthwise.
3. 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.
4. The bending system is controlled by German Servo Control System, which ensures good repeatability and consistency.
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-AB JetConvection Flat&bent Bi-direction Glass Tempering Furnace								
Types	Max.dimension		Min.dimension		Glass thickness	Productivity (loads/h)		Installed capacity(KVA)
	Flat glass	Bent glass	Flat glass	Bent glass		Clear glass	Low-E	

A2030B08/2	2000x3000	2000xARC800	150x350	200xARC350	4-19/450	27-31	5-29	800
A2030B10/2	2000x3000	2000xARC1000	150x350	200xARC350	4-19/500	27-31	5-29	800
A2436B15/2	2440x3600	2440xARC1500	150x350	300xARC400	4-19/750	27-31	5-29	800
A2442B18/2	2440x4200	2440xARC1800	150x350	300xARC400	4-19/850	27-31	5-29	1000
A2450B25	2440x5000	2440xARC2500	150x350	300xARC500	4-19/1000	14-16	5-29	1000
A2460B25	2440x6000	2440xARC2500	150x350	300xARC500	4-19/1000	14-16	5-29	1250
A2850B25	2800x5000	2800xARC2500	200x400	500xARC600	4-19/1000	14-16	5-29	1250
A3080B30	3000x8000	3000xARC3000	300x500	500xARC600	4-19/1500	14-16	5-29	2000

Productivity of bent glass is calculated on 5mm clear glass and 5mm Low-E glass (E=0.08) 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	Ardıç Glass Industry Trade Company
Location	Ankara, Turkey
Company Profile	Based in Kazan, Ankara, Türkiye, Ardıç Glass is included to the sector in 1985 through retail sales and in 1995, due to the increasing in sale capacity and development of the sector, whole sale and insulating glass unit manufacturing have began. For 20 years, Ardıç Glass has continued to deal in wholesale of glass and manufacturing of insulating glass unit without making any concession in quality.
Furnace Type	LD-AB JetConvection Flat&bent Bi-directional Glass Tempering Furnace
Main Products	Vision and spandrel glass, special glass, security glass, decorative glass, glass furniture and accessory, etc.
	

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

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

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