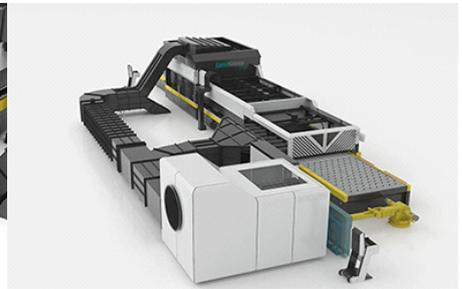
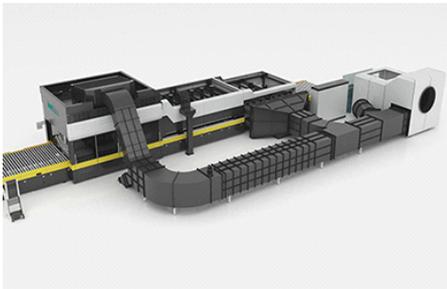


LD-AB SuperAir Flat&bent Bi-direction Glass Tempering Furnace



Application Fields:

Architecture&Furniture, Automobile Industries and Household Appliances, etc.

Heating Mode:

Combination of radiation and assisstant convection heating.

Glass Can Be Tempered:

On-line and Off-line Low-E ($E=0.08$) 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With the development of the glass industry, the B type bending and tempering furnace, which was originally made for tempering small size glasses, was continuously redesigned to fit bigger glass sizes for the architectural glass market.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.

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SuperAir™ Radiation Heating plays an important role during the process. More compressed air is blown into heating furnace by an intelligent pipe convection system to optimize the heating process of the top surface of glass. Both on-line and off-line Low-E glass can be evenly heated.

LD-AB SuperAir™ Flat & Bent Bi-Directional Glass Tempering Furnace adopts SuperAir™ 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. The glass that can be tempered includes: on-line and off-line Low-E (E=0.08) 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.

Technical Parameters

LD-AB SuperAir Flat&bent Bi-direction Glass Tempering Furnace							
Types	Flat glass Max. dimension	Bent glass Max. dimension	Flat glass Min. dimension	Bent glass Min. dimension	Glass thickness	Productivity (loads/h)	Installed Capacity (KVA)
A2030B08/2	2000x3000	2000xARC800	150x350	200xARC350	4-19/450	25-29	800
A2030B10/2	2000x3000	2000xARC1000	150x350	200xARC350	4-19/500	25-29	800
A2436B15/2	2440x3600	2440xARC1500	150x350	300xARC400	4-19/750	25-29	800
A2442B18/2	2440x4200	2440xARC1800	150x350	300xARC400	4-19/850	25-29	800
A2450B25/2	2440x5000	2440xARC2500	150x350	300xARC500	4-19/1000	12-15	1000

A2460B25/2	2440x6000	2440xARC2500	150x350	300xARC500	4-19/1000	12-15	1000
A2850B25/2	2800x5000	2440xARC2500	200x400	500xARC600	4-19/1000	12-15	1250
A3080B30/2	3000x6000	3000xARC3000	300x500	500xARC600	5-19/1500	12-15	2000

Productivity of bent glass 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	E-I-T(Europe Industrial Traders)
Location	Lebanon, Southwest Asia
Company Profile	EIT-Group consists of a world-wide Industrial, Financial and Commercial companies specialized in different major sectors located in Germany, Hungary, Egypt, Hong Kong, China and Lebanon.It is one of Middle East's leading glazing contracting and processing firms.
Furnace Type	LD-AB AirStream Flat&bent Bi-direction Glass Tempering Furnace
Main Products	Glass, aluminium, steel, composite panels.



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

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