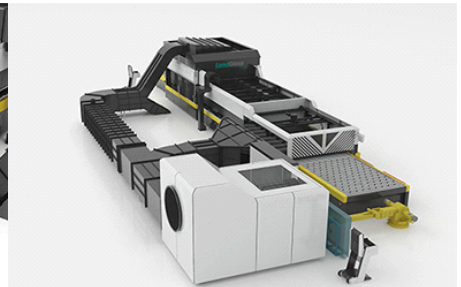
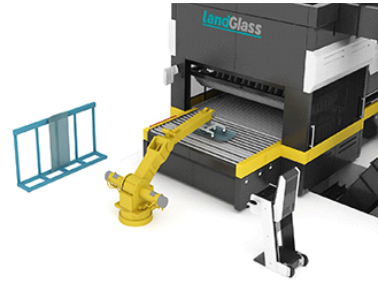
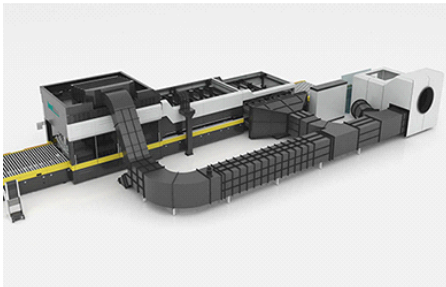
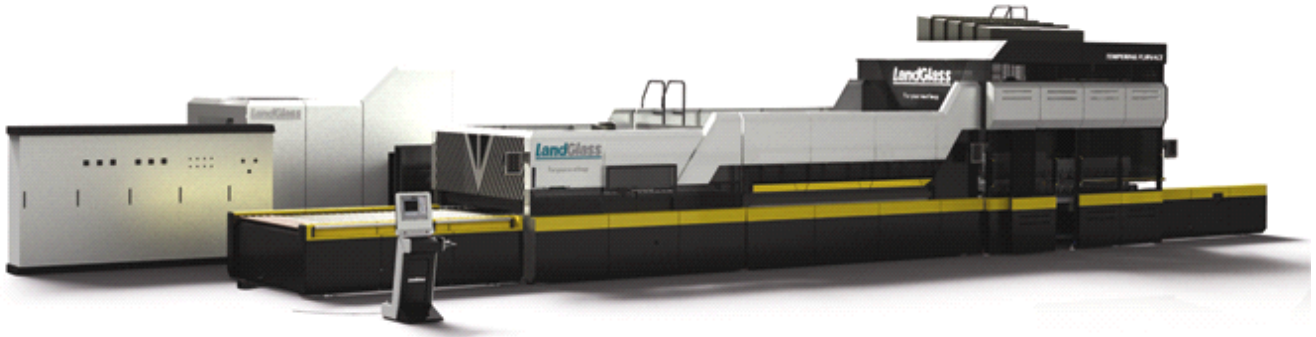


LD-AB SuperAir Flat&bent Bi-direction Glass Tempering Furnace



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With the development of the glass industry, the B type bending and tempering furnace, which was originally made for tempering small size glasses, was continuously redesigned to fit bigger glass sizes for the architectural glass market.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.

LANDGLASS TECHNOLOGY CO.,LTD.

Add:Guangjian Building, No.12,Wangcheng Road,Luoyang 471000,China Tel:+0086-379-65298870 Fax:+0086-379-65298878 E-mail:marketing@landglass.com
www.landglass.net

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>