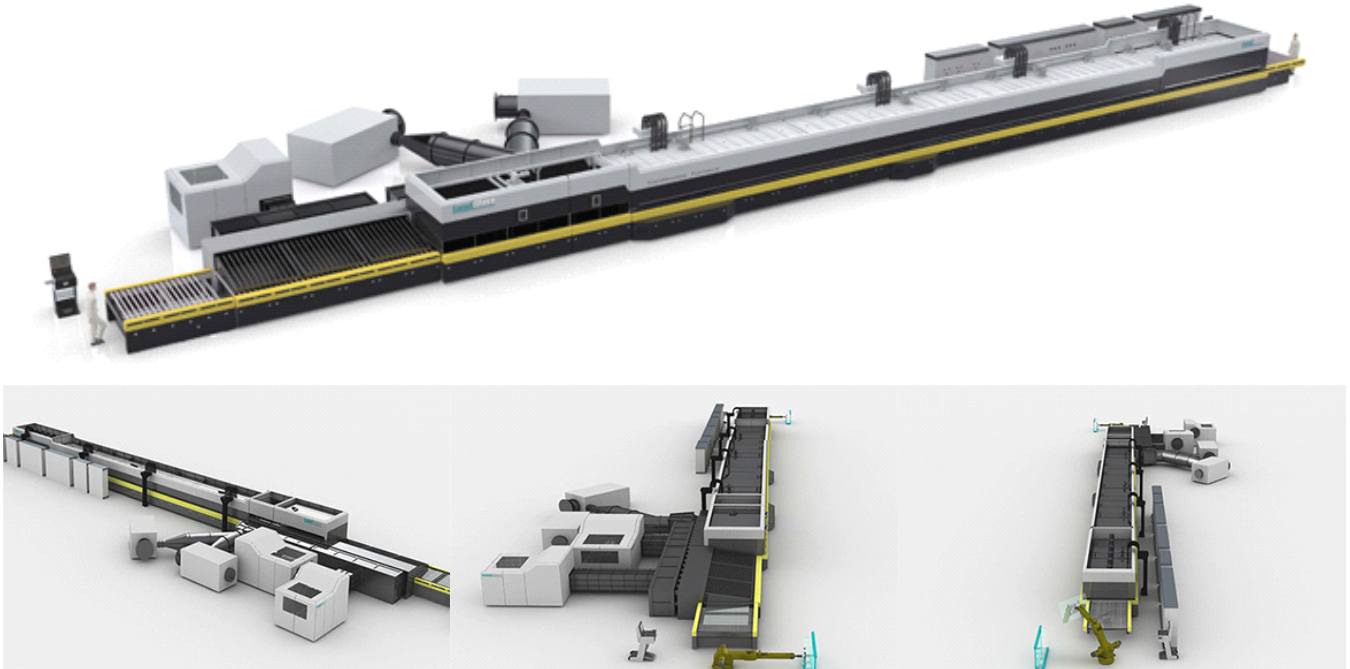


## LD-AL AirStream Continuous Flat Glass Tempering Furnace



### Application Fields:

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

### Heating Mode:

Combination of radiation and assistant convection heating.

### Glass Can Be Tempered:

On-line Low-E Glass, Ultra Clear Glass, Screen Printed Glass, Pattern Glass, Tinted Glass, Clear Glass, etc.

### Product Introduction

In 2011 LandGlass introduced the Continuous Flat Glass Tempering Furnace to satisfy the increasing demands for tempered glass in the household appliances and solar markets. Because of its design, the line guarantees a stable operation and outstanding product quality. Thanks to this leap in quality, our Continuous Flat Glass Tempering Furnace had been installed in the leading international glass processing companies in 2012.

AirStream™ Radiation Heating plays a supportive role during the process. Compressed air is injected into the heating furnace

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to aid the heating process of the top surface of the glass, which ensures heating uniformity for on-line Low-E glass, and other glass types.

LD-AL AirStream™ Continuous Flat Glass Tempering Furnace adopts AirStream™ heating technology. Glass tempered by this tempering furnace is suitable for flat glass for architectures, furniture, household appliances and solar industry markets. The glass that can be tempered includes: on-line Low-E glass, extra ultra clear glass, screen printed glass, pattern glass, tinted glass, clear glass, etc.

### Technical Features

1. Longer heating and tempering sections ensure that glass sheets can be heated to the correct temperature and that it can be tempered and cooled quickly without oscillation.
2. The flexible driving speed control, selects the right speed for each of the stages of the process. The user can choose between logic servo controlled continuous mode or complete continuous mode according to the size of glass sheets.
3. Continuous running blowers ensure energy savings.
4. Glass doesn't oscillate inside the heating section, what minimizes quality defects such as white haze, scratches, waviness, etc.
5. Continuous tempering technology ensures much higher productivity, suitable for tempering large volumes of flat glass sheets for the architectural, furniture, household appliances, automotive and solar industry markets.

### Technical Parameters

LD-AL AirStream Continuous Flat Glass Tempering Furnace					
Types	Max. dimension	Min. dimension	Glass thickness	Productivity (m <sup>2</sup> /h)	Installed capacity(KVA)
A1225L	1200X2500	100X350	3-6/4-8	290	1600
A1230L	1200X3000	100X350	3-6/4-8	300	1600
A1525L	1500X2500	100X350	3-6/4-8	350	2000
A1530L	1500X3000	100X350	3-6/4-8	360	2000

A1625L	1600X2500	200X350	3-6/4-8	380	2500
A1630L	1600X3000	200X350	3-6/4-8	390	2500
A1730L	1700X3000	200X350	3-6/4-8	410	3000

Productivity is calculated on 4mm clear glass with 100% loadage. Actual productivity is subject to glass types, sizes and loadage. Not all types are listed here due to limited space.

## Customer Case

Company	Xinyi Glass Holdings Limited
Location	Hongkong, China
Company Profile	Xinyi Glass Holdings Limited, a major supplier in the global supply chain, was founded in 1988 and listed on the main board of the Hong Kong Stock Exchange in February 2005 The group has established six major production bases located in Dongguan, Shenzhen, Jiangmen, Wuhu, Tianjin and Yingkou, with a total area of over 5 million m <sup>2</sup> and 15,000 employees in 33 branches all around the world. It is specialized in the production of float glass, auto glass, architectural glass and photovoltaic glass and its products have been sold to 100 countries and regions around the globe.
Furnace Model	LD-AL AirStream Continuous Flat Glass Tempering Furnace
Main Products	Low-iron Patterned Glass (raw glass sheet, tempered glass sheet), AR photovoltaic Glass, TCO Glass, Low -iron Float Glass and so on.



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

YouTube: <http://www.youtube.com/watch?v=JW3zfefPEko>

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