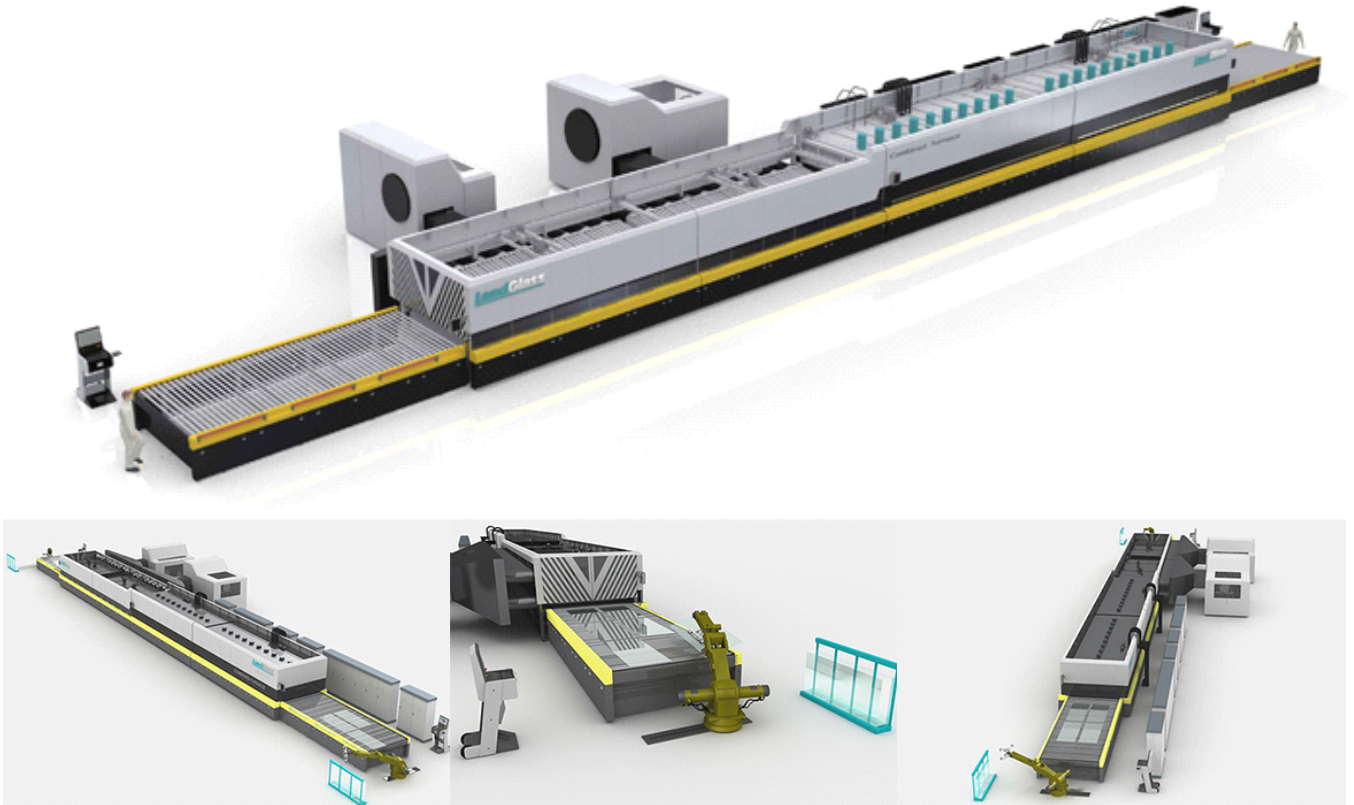


LD-AT AirStream Combined Flat Glass Tempering Furnace



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

LandGlass introduced the Combined Tempering Furnace with two heating chambers in 2008. Both heating chambers can be controlled individually. LandGlass Combined Technology significantly improves optical quality to meet the highest demands of the architectural and household markets.

LANDGLASS TECHNOLOGY CO.,LTD.

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AirStream™ Radiation Heating plays a supportive role during the process. Compressed air is injected into the heating furnace 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-AT Series Combined Flat Tempering Furnace is equipped with 2 heating sections, which can be installed with either AirStream or JetConvection heating technologies. The furnace can also be equipped with one or more chillers according to the quality and productivity requirements of the final product. The combination of 2 heating sections allows for an easy adaptation to each customer's needs, having the possibility to select different working modes that optimize final quality, productivity or maximum temperable size.

LD-AT AirStream™ Combined Flat Glass Tempering Furnace has two heating sections with AirStream™ heating technology. This tempering furnace ensures an excellent quality and a higher performance. 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. LD-AT Combined Flat Glass Tempering Furnace has two heating sections with AirStream™ heating technology applied; it can temper glass with good quality.

2. Different working modes can be set in order to focus on quality, productivity or loading size.

If the first heating section works as preheating furnace, it will reduce quality defects such as optical distortion, spherical bending, hot spots, white haze, etc.

If both heating sections work as independent heating furnaces, it will largely increase throughput.

If two heating sections work as one big heating section, it will be able to process extra large glasses.

3. Glass tempered by this tempering furnace is suitable for the architectural, furniture, household appliances, automotive 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 Parameters

LD-AT AirStream Combined Flat Glass Tempering Furnace					
Types	Max. dimension	Min. dimension	Glass thickness	Productivity (loads/h)	Installed capacity(KVA)
A2436T	2440X3600	200X400	4-19	18-22	1400
A2442T	2440X4200	200X400	4-19	18-22	1600
A2450T	2440X5000	200X400	4-19	18-22	1800
A2460T	2440X6000	200X400	4-19	18-22	2200
A2480T	2440X8000	200X400	4-19	18-22	2800
A3050T	3000X5000	300X500	5-19	18-22	2300
A3080T	3000X8000	300X500	5-19	18-22	3500

Productivity 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	Glasswerks
Location	Los Angeles, USA
Company Profile	Born out of the competitive construction landscape of Los Angeles in 1979, and now thriving in the Southern California and Las Vegas area - the world's capitol for cutting-edge architectural glass work and design--Glasswerks is tested professionals equipped with over six decades of glass fabrication mastery and expertise.
Furnace Type	LD-AT AirStream Combined Flat Glass Tempering Furnace
Main Products	Laminated Glass, Custom and Bent Tempered Glass, Insulated Glass Units, High Performance Low-E Glass, Bullet Resistant and Hurricane Proof Glass, Custom Quality Mirrors, All-Glass Doors and Entry Systems, All-Glass Tables, Handrails, and Shower Enclosures.



Glasswerks, Los Angeles



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

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

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