

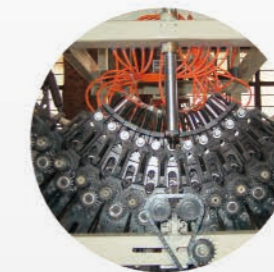


赛品立德  
合作共赢

成人达己 成己达人

The adult of yourself .As already others

洛阳赛合玻璃自动化设备有限公司  
Luoyang Easttec Glass Automation Equipment Co., Ltd



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中国·洛阳

# 赛品立德 合作共赢

■ 选择“赛合”就是选择了伙伴和朋友。

Choosing easttec means choosing partners and friends.

相互扶持，我们的发展将更稳健。

Mutual support makes our development more robust.

相互信任，我们的征途将一路欢歌。

Mutual trust makes our progress smoothly.

共同进步，我们的事业将与日同辉。

Common progress makes our career last forever.





洛阳赛合玻璃自动化设备有限公司是一家专业研发、制造玻璃热加工设备的高新型技术企业。公司拥有一批从事玻璃深加工二十多年的专业技术人员，几十年大型设备制造经验的配套工厂，大型平弯钢化生产线实习培训基地，凭借丰富的经验，不断的创新，精湛的设计，集众家之所长，精心打造品质卓越、性能可靠、价位合理的新型钢化玻璃加工设备。我们不仅可以提供常用基本型及其组合型钢化玻璃机组，也可根据用户要求，设计制造特殊规格玻璃及玻璃制品钢化机组、艺术玻璃表面热加工生产线；提供玻璃深加工技术咨询和服务、人员培训、熟练工输送、设备改造、玻璃深加工整体规划和设计。在“技术领先、不断超越、实用为本、服务全面”的企业精神指导下，愿与业内朋友一道携手共济，共同发展。

About us

Luoyang easttec glass automation equipment co.,ltd is a high-tech enterprise, specialized in researching and manufacturing glass post-processing machinery. Luoyang easttec boasts a professional team of skilled experts who excel at glass post-processing for more than twenty years, together with tens of years experience in making mechanical equipment and training base for flat & bent tempering machines. We can provide not only common basic and combined types of tempering machines, but also design and make tempering production lines for special glass specifications such as thermal processing production lines for art glass at customers' requirement. Besides this, we supply technical advisory service about glass post-processing、professional staff preparation、skilled workers arrangement、machine reformation、whole design for glass post-processing. Under the guidance of corporation “Advanced technology, incessant surpassing, practical concepts and all-round services” , We are sincerely longing to develop together with friends in glass industry.

公司简介、目录/About us, contents	02/03
设备类型 规格说明/Equipment series	04/05
基本型钢化炉规格参数表/Basic glass tempering furnace	06/14
组合型钢化机组/Combined glass tempering furnace	15
设备改造/Equipment reformation	16/17
售后服务/Customer service	18





设备种类/Equipment series

**基本型 Basic series**

- A型: 平钢化 A series: Flat tempering process
- B型: 硬辊弯钢化机组 B series: Bending tempering process with hard roller
- C型: 软辊弯钢化机组 C series: Bending tempering process with flexible roller
- D型: 双室平钢化机组 D series: Dual heating chambers flat tempering
- E型: 异型多曲面弯钢化机组 E series: Bending tempering process of special-shaped glass with multiple-curvature
- F型: 强制对流钢化机组 F series: Forced convection tempering system
- FA型: 强制对流平钢化机组 FA series: Forced convection flat tempering
- FB型: 强制对流硬轴弯钢化机组 FB series: Forced convection bending tempering process with hard roller
- FC型: 强制对流软轴弯钢化机组 FC series: Forced convection bending tempering process with flexible roller
- L型: 连续钢化机组 L series: Continuous tempering system
- LA型: 连续平钢化机组 LA series: Continuous flat tempering
- LB型: 连续硬轴弯钢化机组 LB series: Continuous bending tempering with hard roller

**组合型 Combined series**

- 平弯组合型: Flat & bend combination series
- 硬轴平弯: AB型, AB II 型, AB III 型
- Flat & bend series of hard roller AB, AB II, AB III
- 软轴平弯: AC型 Flat & bend series of flexible roller AC
- 双弯钢化型: Dual bending tempering series
- 硬轴双弯: BB型, B II B型, BC型
- Dual bending tempering of hard roller BB, B II B, BC
- 通过式钢化型: AA型 Over pass tempering AA (适用于4mm厚度以下玻璃)

**特殊型 Special series**

- 制品二次钢化炉, 热弯钢化炉
- Secondary tempering glass product furnace, Heat bending tempering furnace
- 热成型型: Heat quenching series
- RT型: 艺术玻璃高温油墨烤花退火机组
- RT series: Annealing furnace for art glass of high temperature ink printed
- RW型: 连续热弯炉机组
- RW series: Bending tempering furnace of continuous heating

型号说明:

示例



基本型 Basic series

A型 水平辊道式平钢化常用规格机组参数表/Parameter of flat tempering system

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	厚度范围 Thickness Range (mm)	产量 Productivity (□/h)	装机功率 Installed Capacity (KVA)
A0614	600 × 1400	90 × 90	3-12	17	100
A0920	900 × 2000	50 × 120	3-12	35	155
A1225	1250 × 2500	80 × 250	3-12	48	230
A1525	1500 × 2500	100 × 250	3-19	54	300
A1625	1650 × 2500	100 × 250	3-19	60	310
A1636	1650 × 3660	100 × 250	3-19	88	370
A1732	1700 × 3200	100 × 250	4-19	95	350
A2032	2000 × 3200	100 × 250	4-19	106	400
A2036	2000 × 3660	100 × 250	4-19	110	510
A2050	2000 × 5000	100 × 250	4-19	150	610
A2436	2440 × 3800	100 × 300	4-19	134	630
A2442	2440 × 4400	100 × 300	4-19	154	690
A2450	2440 × 5000	100 × 300	4-19	183	760
A2460	2440 × 6000	100 × 300	4-19	220	900
A2480	2440 × 8000	100 × 300	4-19	293	1140
A2850	2850 × 5000	100 × 300	5-25	213	870
A3050	3000 × 5000	200 × 350	5-25	225	920
A3260	3200 × 6000	200 × 500	5-25	285	1180
A3580	3500 × 8000	200 × 500	5-25	400	1600

注:

- 1、以上测量数据均以毫米为单位。
- 2、产量计算以5mm普通浮法玻璃，按80%装载率，98%成品率计算，实际产量根据玻璃类型、尺寸、放片布置有所变动。
- 3、电源配置以5mm玻璃为基础，玻璃厚度会导致配置有所不同，最终以双方约定为准。
- 4、因空间有限，表格并未列出所有的设备规格，详细资料可直接联系我们。
- 5、洛阳赛合保留技术创新后修改数据的权利。
- 6、A型水平辊道式钢化机组主要用于建筑、家具、家电、汽车玻璃等玻璃的钢化加工

Notes:

1. All above data is measured by millimeter.
2. Output data is calculated on the basis of 80% loading rate and 98% yield of 5mm clear float glass. The actual output is subject to practical glass type, size and loading rate.
3. Power supply calculation is on the basis of 5mm glass, while furnace actual configuration is subject to practical glass thickness range and will be finally determined by both parties (customer and manufacture).
4. Not all models are listed in this form for reason of space, please contact us for more details.
5. Luoyang easttec reserves all right to update data after technology innovations.
6. A Series Glass Tempering Furnace is mainly developed for architectural, furniture, household appliances, automotive glass tempering process and etc.





基本型 Basic series

B型 水平辊道式硬辊弯钢化常用规格参数表/Parameter of bent glass tempering system with hard roller

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	产量 Productivity (□/h)	最小半径 Min. Radius	厚度范围 Thickness Range (mm)	装机功率 Installed Capacity (KVA)
B0806	800 × 600	200 × 300	32	350/900	3-8	200
B1208	1250 × 850	200 × 350	32	450/1000	3.2-10	300
B1710	1700 × 1000	200 × 350	42	450/1000	3.2-10	400
B2010	2000 × 1000	200 × 350	32/48	450/1000	3.2-12	480
B2015	2000 × 1500	200 × 400	32	600/1500	4-19	650
B2025	2000 × 2500	200 × 500	15	950	4-19	450
B2410	2440 × 1000	200 × 350	32/48	450/1000	3.2-19	700
B2415	2440 × 1500	200 × 400	32	600/1500	4-19	700
B2420	2440 × 2000	200 × 500	32	750	4-19	870
B2425	2440 × 2500	200 × 500	15	950	4-19	500
B2825	2800 × 2500	250 × 600	15	1000	5-19	550
B3025	3000 × 2500	200 × 600	15	1000	5-19	600
B3525	3500 × 2500	250 × 600	15	1200	5-19	800

注:

- 1、以上测量数据均以毫米为单位。
- 2、产量计算以5mm普通浮法玻璃，按80%装载率，98%成品率计算，实际产量根据玻璃类型、尺寸、放片布置有所变动。
- 3、电源配置以5mm玻璃为基础，玻璃厚度会导致配置有所不同，最终以双方约定为准。
- 4、因空间有限，表格并未列出所有的设备规格，详细资料可直接联系我们。
- 5、洛阳赛合保留技术创新后修改数据的权利。
- 6、B型钢化机组主要用于汽车侧窗、家具、家电、淋浴房、建筑门窗等

Notes:

1. All above data is measured by millimeter.
2. Output data is calculated on the basis of 80% loading rate and 98% yield of 5mm clear float glass. The actual output is subject to practical glass type, size and loading rate.
3. Power supply calculation is on the basis of 5mm glass, while furnace actual configuration is subject to practical glass thickness range and will be finally determined by both parties (customer and manufacture).
4. Not all models are listed in this form for reason of space, please contact us for more details.
5. Luoyang easttec reserves all right to update data after technology innovations.
6. B Series Glass Tempering Furnace is mainly developed for automotive side windows, furniture, household appliances, shower booths, architecture doors and windows etc.



**基本型 Basic series**

**C型水平辊道式软辊弯钢化常用规格参数表/Parameter of bent glass tempering system with flexible roller**

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	产量 Productivity (m <sup>2</sup> /h)	最小半径 Min. Radius	厚度范围 Thickness Range (mm)	装机功率 Installed Capacity (KVA)
C0814	800 × 1400	200 × 250	16	400	3.5-8	200
C1220	1250 × 2000	250 × 250	16	500	4-19	300
C1526	1500 × 2600	300 × 500	16	600	4-19	400
C1726	1700 × 2600	300 × 500	16	700	4-19	450
C2026	2000 × 2600	300 × 500	16	750	4-19	550
C2038	2000 × 3800	300 × 600	16	750	5-25	600
C2426	2440 × 2600	300 × 500	15	950	5-19	550
C2438	2440 × 3800	300 × 500	15	950	5-19	700
C2444	2440 × 4400	300 × 500	15	950	5-25	780
C2450	2440 × 5000	300 × 500	15	1000	5-25	900
C2844	2800 × 4400	300 × 600	15	1200	5-25	950
C3050	3000 × 5000	300 × 600	15	1300	5-25	1000



注:

- 1、以上测量数据均以毫米为单位。
- 2、产量计算以5mm普通浮法玻璃，按80%装载率，98%成品率计算，实际产量根据玻璃类型、尺寸、放片布置有所变动。
- 3、电源配置以5mm玻璃为基础，玻璃厚度会导致配置有所不同，最终以双方约定为准。
- 4、因空间有限，表格并未列出所有的设备规格，详细资料可直接联系我们。
- 5、洛阳赛合保留技术创新后修改数据的权利。
- 6、C型钢化机组主要用于汽车侧窗、家具、家电、淋浴房、建筑用弯钢化等

Notes:

1. All above data is measured by millimeter.
2. Output data is calculated on the basis of 80% loading rate and 98% yield of 5mm clear float glass. The actual output is subject to practical glass type, size and loading rate.
3. Power supply calculation is on the basis of 5mm glass, while furnace actual configuration is subject to practical glass thickness range and will be finally determined by both parties (customer and manufacture).
4. Not all models are listed in this form for reason of space, please contact us for more details.
5. Luoyang easttec reserves all right to update data after technology innovations.
6. C Series Glass Tempering Furnace is mainly developed for automotive side windows, furniture, household appliances, shower booths, architecture bending glass etc.



## 基本型 Basic series

D型双室加热型平钢化机组常用规格参数表/Parameter of dual heating chamber flat tempering system

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	厚度范围 Thickness Range (mm)	产量 Productivity (□/h)	装机功率 Installed Capacity (KVA)
D1742	1700 × 4200	100 × 250	218	3-10	870
D2436	2440 × 3800	100 × 280	185	4-19	1080
D2442	2440 × 4400	100 × 280	220	4-19	1250
D2450	2440 × 5000	100 × 280	240	4-19	1440
D3050	3000 × 5000	150 × 300	270	5-19	1850



注：双室加热型平钢化机组根据客户不同要求，有以下五种选择方案（以上数据为第一种双室方案计算数据）；

## 1、辐射加热室（第一个）+辐射加热室（第二个）

效果：与传统的单辐射加热室的钢化炉相比，在1.5倍的加热能耗下，产量为原来的1.3-1.4倍。

## 2、上部强制对流加热室（第一个）+辐射加热室（第二个）

效果：与传统的一个辐射加热室的钢化炉相比，在1.5倍的加热能耗下，产量为原来的1.4倍。

## 3、上部强制对流加热室（第一个）+上部强制对流加热室（第二个）

效果：与传统的一个辐射加热室的钢化炉相比，在1.5倍的加热能耗下，产量为原来的1.4-1.5倍。

## 4、全对流（上下强制对流）加热室（第一个）+辐射加热室（第二个）

效果：与传统的一个辐射加热室的钢化炉相比，在2倍的加热能耗下，产量为原来的1.8倍。

## 5、全对流加热室（第一个）+上部对流加热室（第二个）

效果：与传统的一个辐射加热室的钢化炉相比，在2倍的加热能耗下，产量为原来的1.8-1.9倍。

配置多样、应用广泛，技术成熟，双室加热性钢化机组强大的生产能力，出色的成品质量，超低的能耗，特别适用于大规模建筑、家具、家电及产业玻璃的钢化加工。

Note:

Dual heating chamber glass tempering furnace can be configured with following solutions, according to customer's different requests. (Data calculation above is according to the first solution)

## 1. Radiation heating chamber (first) + Radiation heating chamber second)

1.5 times heating power and 1.3-1.4 times output compared to traditional single-chamber radiation heating furnace

## 2. Top forced convection heating chamber (first) + Radiation heating chamber (second)

1.5 times heating power and 1.4 times output compared to traditional single-chamber radiation heating furnace

## 3. Top forced convection heating chamber (first) + Top forced convection heating chamber (second)

1.5 times heating power and 1.4-1.5 times output compared to traditional single-chamber radiation heating furnace

## 4. Top &amp; bottom forced convection heating chamber (first) + Radiation heating chamber (second)

2 times heating power and 1.8 times output compared to traditional single-chamber radiation heating furnace

## 5. Top &amp; bottom forced convection heating chamber (first) + Radiation heating chamber (second)

2 times heating power and 1.8-1.9 times output compared to traditional single-chamber radiation heating furnace

With a variety of configurations, comprehensive processing adaptability and mature technology, D series dual heating chambers glass tempering system ensures you a strong production capacity with super glass quality and relatively low energy consumption, it is especially suitable for mass production of high quality tempered glass for architecture, household appliances industries and etc.



**基本型 Basic series**

**E型 水平辊道式双曲面弯钢化常用规格参数表/Parameter of bent tempering system for double curved glass**

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	产量 Productivity (m <sup>2</sup> /h)	最小半径 Min. Radius	厚度范围 Thickness Range (mm)	装机功率 Installed Capacity (KVA)
E0610	600 × 1000	450 × 500	32	100	3.2-6	200
E0816	800 × 1600	450 × 500	32	120	3.5-6	350
E1018	1000 × 1800	500 × 500	32	200	3.5-6	500
E1222	1200 × 2200	500 × 500	32	200	3.5-6	680
E1425	1400 × 2500	500 × 600	15	300	4-8	450

注:

- 1、以上测量数据均以毫米为单位。
- 2、产量计算以5mm普通浮法玻璃，按80%装载率，98%成品率计算，实际产量根据玻璃类型、尺寸、放片布置有所变动。
- 3、电源配置以5mm玻璃为基础，玻璃厚度会导致配置有所不同，最终以双方约定为准。
- 4、因空间有限，表格并未列出所有的设备规格，详细资料可直接联系我们。
- 5、洛阳赛合保留技术创新后修改数据的权利。
- 6、E型钢化机组主要用于汽车前后挡风玻璃、异型玻璃等

Notes:

1. All above data is measured by millimeter.
2. Output data is calculated on the basis of 80% loading rate and 98% yield of 5mm clear float glass. The actual output is subject to practical glass type, size and loading rate.
3. Power supply calculation is on the basis of 5mm glass, while furnace actual configuration is subject to practical glass thickness range and will be finally determined by both parties (customer and manufacture).
4. Not all models are listed in this form for reason of space, please contact us for more details.
5. Luoyang easttec reserves all right to update data after technology innovations.
6. D Series Glass Tempering Furnace is mainly developed for automotive windscreens and back windows, heterogeneous tempering glass etc.



**基本型 Basic series**

**F型强制对流钢化机组常用规格参数表/Parameter of force convection tempering system**

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	产量Productivity (load/h)		厚度范围 Thickness Range (mm)	装机功率 Installed Capacity (KVA)
			白玻	Low-e		
FA2436	2440 × 3800	100 × 300	18	16	4-19	500
FA2442	2440 × 4400	100 × 300			4-19	630
FA2450	2440 × 5000	100 × 300			4-19	800
FA2460	2440 × 6000	100 × 300			4-19	800
FA2480	2440 × 8000	100 × 300			4-19	1200
FB2410	2440 × 1000	200 × 350			3.2-19	700
FB2415	2440 × 1500	200 × 400			4-19	700
FB2420	2440 × 2000	200 × 500			4-19	870
FB2425	2440 × 2500	200 × 500			4-19	500

F 型强制对流钢化机组能够满足所有玻璃产品的钢化需求。机组类型可按客户要求任意组合。

可钢所有的在线low-e镀膜玻璃和部分离线low-e镀膜玻璃

最大玻璃尺寸宽度不超过2440mm，长度不超过8000mm

利用内部热空气循环形成对流，钢化炉的结构更简约，使用起来更经济，运行操作更平稳简便。

F force convection tempering furnace can meet all requirements of tempered glass products. Basic series can be combined as customers' requirements. Capability of tempering process of all on-line low-e coated glass and some kinds of off-line low-e coated glass; Maximum glass width is limited to no wider than 2440mm and maximum flat glass length no longer than 8000mm; Use external compressed air as a resource for the convection system, which make the furnace structure simple and economic but running stable and easy.

注:

- 1、以上测量数据均以毫米为单位。
- 2、产量计算以5mm普通浮法玻璃，按80%装载率，98%成品率计算，实际产量根据玻璃类型、尺寸、放片布置有所变动。
- 3、电源配置以5mm玻璃为基础，玻璃厚度会导致配置有所不同，最终以双方约定为准。

Notes:

1. All above data is measured by millimeter.
2. Output data is calculated on the basis of 80% loading rate and 98% yield of 5mm clear float glass. The actual output is subject to practical glass type, size and loading rate.
3. Power supply calculation is on the basis of 5mm glass, while furnace actual configuration is subject to practical glass thickness range and will be finally determined by both parties (customer and manufacture).

**基本型 Basic series**

**LA型水平辊道式连续平钢化机组常用规格参数表/Parameter of continuous flat tempering system**

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	产量 Productivity (□/h)	厚度范围 Thickness Range (mm)	装机功率 Installed Capacity (KVA)
LA0720	750 × 2000	200 × 300	355	3-8	1000
LA0920	900 × 2000	200 × 300	425	3-8	1250
LA1220	1250 × 2000	200 × 300	588	3-10	1600
LA1720	1700 × 2000	200 × 300	775	3-10	2000
LA1725	1700 × 2500	200 × 300	890	3-10	2500
LA2025	2000 × 2500	200 × 300	1050	3.2-10	2800

LA 型连续平钢化机组特别适用于批量生产高光学品质太阳能面板钢化玻璃、建筑、家具、家电等钢化玻璃  
LA continuous flat tempering furnaces are especially suitable for mass production of high optical quality tempered glass for solar panel, architectural, furniture, household appliances application and etc.

注:

- 1、以上测量数据均以毫米为单位。
- 2、产量计算以3.2mm超白玻璃，按100%装载率，计算，实际产量根据玻璃类型、尺寸、放片布置有所变动。
- 3、电源配置以3.2mm玻璃为基础，按照加热炉长24m计算，加热炉长度和玻璃厚度会导致配置有所不同，最终以双方约定为准。
- 4、加热炉长度可以为18m、24m、36m等，由产量决定。
- 5、以上并未列明所有型号，如有需要，请与我们联系咨询
- 6、洛阳赛合保留技术更新后更改数据的权力。

Notes:

1. All above data is measured by millimeter.
2. Output data is calculated on the basis of 100% loading rate of 3.2mm low-iron glass for flat tempering process. The actual output is subject to practical glass type, size and loading rate.
3. Power supply calculation is based on 3.2mm glass with heating chamber length of 24m, while actual configuration is subject to heating chamber length and practical glass thickness range and will be finally determined by both parties (customer and manufacture).
4. Heating chamber length could be at 18m, 24m, 30m, 36m and etc, depending on their production capacity.
5. Not all models are listed in this form for reason of lack of space, please contact us for more details.
6. Luoyang easttec reserves all right to update data after technology innovation



**基本型 Basic series**

**LB型水平辊道式连续硬轴弯钢化机组常用规格参数表  
Parameter of continuous bending tempering system with hard Roller**

设备型号 Model	最大玻璃尺寸 Max.size (mm)	最小玻璃尺寸 Min.size (mm)	产量 Productivity (□/h)	厚度范围 Thickness Range (mm)	装机功率 Installed Capacity (KVA)
LB1280	1250 × 800	200 × 350	258	3.2-6	1600
LB1210	1250 × 1000	200 × 350	297	3.2-6	1800
LB1710	17000 × 1000	200 × 350	380	3.2-6	2000



LB 型连续硬轴弯钢化机组主要用于批量生产轿车侧窗和其它弯曲半径大于1000的产业玻璃

LB continuous bending tempering with hard roller system is mainly used for mass production of auto side window and industrial glass.

注:

- 1、以上测量数据均以毫米为单位。
- 2、产量计算以3.2mm浮法玻璃，按100%装载率，计算，实际产量根据玻璃类型、尺寸、放片布置有所变动。
- 3、电源配置以3.2mm玻璃为基础，按照加热炉长24m计算，加热炉长度和玻璃厚度会导致配置有所不同，最终以双方约定为准。
- 4、加热炉长度可以为18m、24m、36m等，由产量决定。
- 5、以上并未列明所有型号，如有需要，请与我们联系咨询
- 6、洛阳赛合保留技术更新后更改数据的权力。

Notes:

1. All above data is measured by millimeter.
2. Output data is calculated on the basis of 100% loading rate of 3.2mm clear float glass for bend tempering process. The actual output is subject to practical glass type, size and loading rate.
3. Power supply calculation is based on 3.2mm glass with heating chamber length of 24m, while actual configuration is subject to heating chamber length and practical glass thickness range and will be finally determined by both parties (customer and manufacture).
4. Heating chamber length could be at 18m, 24m, 30m, 36m and etc, depending on their production capacity.
5. Not all models are listed in this form for reason of lack of space, please contact us for more details.
6. Luoyang easttec reserves all right to update data after technology innovation.



## 组合型钢化玻璃机组 Combined tempering system

除基本型钢化炉外，钢化设备还可以根据客户需要组合成以下玻璃钢化生产线机组

In addition to basic glass tempering furnace (flat or bent), it can be arranged as follows according to customers' requirements.

平弯结合型 Flat&bending combined series	Ab1 型	放片台 Loading	加热炉 Heating section	硬辊弯风栅（短弧长） B quenching (Short arch)		平风栅冷却段 Quenching section	取片台 Unloading
	Ab2 型	放取片台 Loading Unloading	平风栅 Quenching	加热炉 Heating section		硬辊弯风栅 B quenching	放取片台 Loading Unloading
	Ab3 型	放取片台 Loading Unloading	平风栅 Quenching	加热炉 Heating section	硬辊弯风栅 （短弧长） B quenching (Short arch)	冷却段 Cooling	放取片台 Loading Unloading
	AC 型	放取片台 Loading Unloading	平风栅 Quenching	加热炉 Heating section		软辊弯风栅 C quenching	放取片台 Loading Unloading
双室加热型 （D型） Doul heating chamber series	放片台 Loading	预热室 Pre-heating	加热室 Heating	冷却成型段 Quenching/Cooling		取片台 Unloading	
通过钢化型 （AA型） Overpass tempering series	放片台 Loading	加热室 Heating	钢化段 Quenching	冷却段 Cooling	取片台 Unloading		
该机型可生产超薄（2.8-3mm）平钢化玻璃 This type can process flat tempering glass of thickness from 2.8mm to 3mm							
双弯组合型 Dual bending sections series	Bb1 型	放取片台 Loading Unloading	加热炉 Heating section	硬辊弯风栅（短弧长） B quenching (short arch)		硬辊弯风栅（长弧长） B quenching (Long arch)	放取片台 Loading Unloading
	Bb2 型	放取片台 Loading Unloading	硬辊弯风栅 （长弧长） B quenching (Long arch)	加热炉 Heating section	硬辊弯风栅 （短弧长） B quenching (Short arch)	冷却段 Cooling	放取片台 Loading Unloading
	Bc1 型	放片台 Loading	加热炉 Heating section	硬辊弯风栅（短弧长） B quenching (Short arch)		软辊弯风栅 C quenching	取片台 Unloading
	Bc2 型	放取片台 Loading Unloading	软辊弯风栅 C quenching	加热炉 Heating section		硬辊弯风栅 B quenching	放取片台 Loading Unloading
	Bc3 型	放取片台 Loading Unloading	软辊弯风栅 C quenching	加热炉 Heating section	硬辊弯风栅 （短弧长） B quenching (Short arch)	冷却段 Cooling	放取片台 Loading Unloading

注：1、玻璃厚度范围的变化会引起机组配置的变化，届时以双方约定或实物为准。

The change of glass thickness range may cause changes of equipment configuration, and it will be based on agreement by both the buyer and seller or depended on design requirements

## 设备改造/Equipment reformation

目前，我们积极响应国家创建节约型社会的号召，重点投入高效节能内循环强制对流炉、硬轴弯钢化设备的生产和旧钢化炉的节能改造。我们的设备装机容量小、能耗低、便于操作、便于维护；弯钢化成形准确、重复精度高、可用于弯夹胶和中空等玻璃的生产，在业内独树一帜。书条高效节能内循环强制对流炉已成功用于LOW-E离线镀膜玻璃钢化的连续工业化生产。

旧钢化炉改造内容：

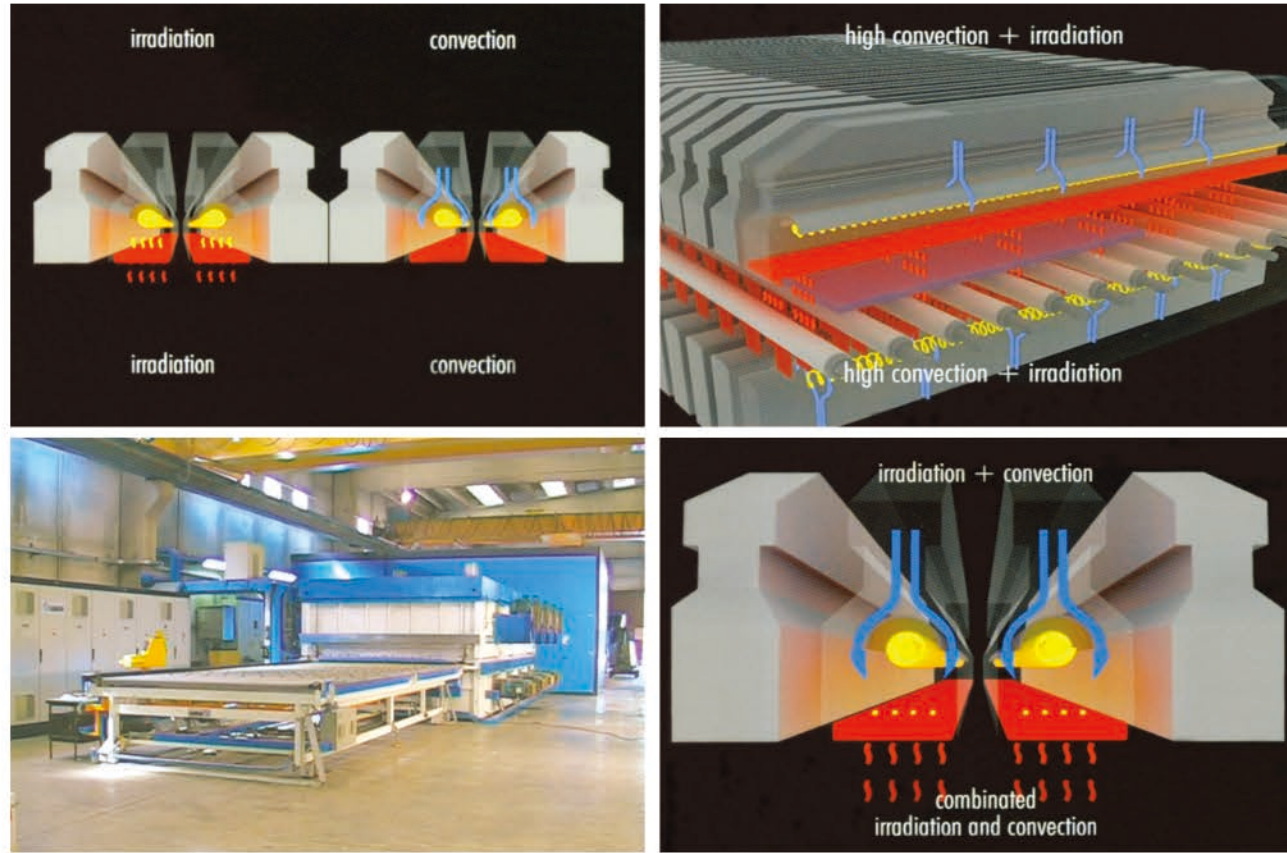
- ①通根炉丝加热改矩阵式分区调功调温加热
- ②软轴弯钢段改为硬轴弯钢化段
- ③普通炉改为强制对流加热炉
- ④往复钢化炉改为通过式钢化炉
- ⑤平钢化机组加弯钢化段
- ⑥风机节能改造
- ⑦钢化机组搬迁

The innovation of used furnace

Now, in response to the call of establishing an energy-saving society from the government, we focus on the production lines of inner circulating convection furnace with high-efficiency and low energy consumption, hard axle bend tempering equipment and the innovation of used furnace. The equipments we produced are with small installed capacity, low energy consumption, easy operation and convenient maintenance, there are many good features; accurate formation for the bend tempering, high-precision repetition, reliable for bend laminated glass and hollow glass. The technology is unique in glass tempering industry. Several high-efficiency and energy consumption inner circulation convection furnaces have been successfully used in LOW-E and laminated glass in continuously industrialized production.

Contents of furnace innovation

1. To change heating pipe to matrix heating zone.
2. To change elastic-axle bend tempering section to hard-axle bend tempering section
3. To change common furnace to circulating convection furnace.
4. To change the oscillating tempering furnace to one time pass tempering furnace.
5. To add curved section into the flat tempering system
6. To upgrade fan for energy-saving.
7. To remove the full set of furnace.



加热时间  
辐射加热炉 40 s/mm  
▼  
28-34 s/mm

HEATING TIME:  
irradiation furnace 40 s/mm  
▼  
28-34 s/mm



### 客户服务/Customer service

所有设备享有一年免费服务，终身免费技术咨询升级，售后服务24小时随时响应。

以客户利益为最高追求目标。