



JINGGLASS



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The Professional's Choice
La Elección Profesional

Only Service For One Product:
Glass Tempering Furnace

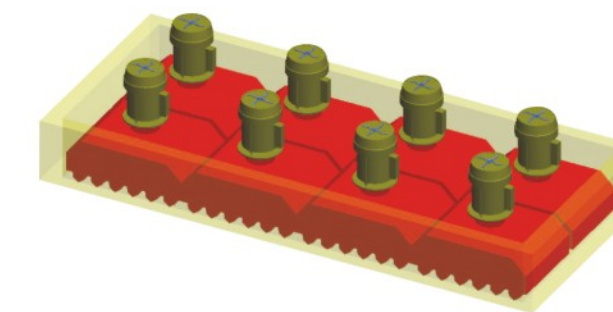
Servicio En Cada Producto
Horno de Templado





**Consume least power
to temper double Low-E**
**Menor consumo de potencia
para templar doble Low-E**

Matrix Mid-infrared jet-convection tempering furnace
Matrix Mid-infrared jet-convection Horno de Templado





Company Introduction

Hangzhou Jinggong Machinery Co., Ltd (hereinafter referred to as Jingglass) is a high tech enterprise specialized in the development, manufacturing and marketing of glass tempering furnaces. Under the guidance of a philosophy based on innovation, quality and service which has been present in Jingglass since it was founded, Jingglass keep promoting and self surpassing.

Jingglass mainly produce flat glass tempering furnace, flat & bending glass tempering furnace, continuous glass tempering furnace, double chamber glass tempering furnace and etc. New-generation Mid-infrared Jet-convection glass tempering furnace was warmly welcomed by the market once it was promoted to the market in 2012. Its Mid-infrared heating technology rapidly became the best solution for high quality Low-E glass tempering.

Nowadays, Jingglass tempering furnaces were widely used in China, and won confidence from more and more clients, including lots of well-known enterprises. Besides that, hundreds of Jingglass furnaces were working from North and South America to Europe, the Middle East, Asia and etc. In some areas, Jingglass furnaces are leading the market share.

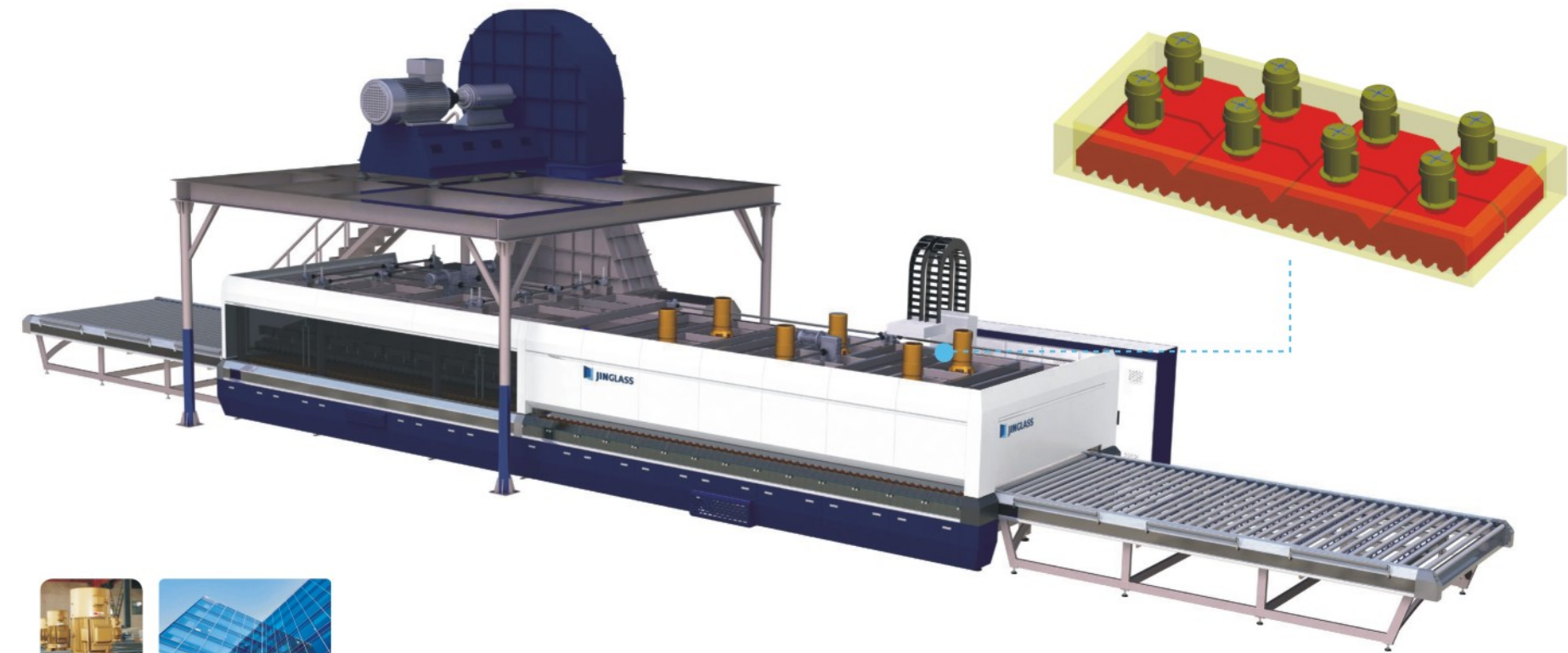
Jingglass keeps innovation and doing its best on new technologies, to make better and better glass tempering furnaces for our client, so as to create the brilliant future of the glass industry.

Quienes Somos

Hangzhou Jinggong Machinery Co., Ltd. Es una empresa especializada en la fabricación de Hornos de templados de vidrios planos y curvos. Con un objetivo fundado en la continua innovación , calidad, y servicio. Jingglass posee toda la línea en hornos de templado, plano , curvo ,plano y curvo combinados, curvo transversal y longitudinal, hornos de doble cámara, hornos continuos y la nueva generación de Mid-Infrared Jet Convection para todos los tipos de vidrios LOW-E.

Matrix Mid-Infrared Jet-Convection Tempering Furnace

Matrix Mid-infrared jet-convection Horno de Templado



Technical Characteristics

- All convection furnace could process full series Low-E glass (E≥0.015), including single silver,double silver and triple silver Low-E glass.
- Distinctive Mid-Infrared Matrix convection system give even convection air in the whole heating process.

Datos Técnicos

- El horno de convección puede procesar todas las series de vidrios Low-E (E≥0,015) de simple capa hasta triple capa de Low-E
- El nuevo sistema de Mid-Infrared Matrix posee un flujo uniforme de convección en toda la cámara de calentamiento

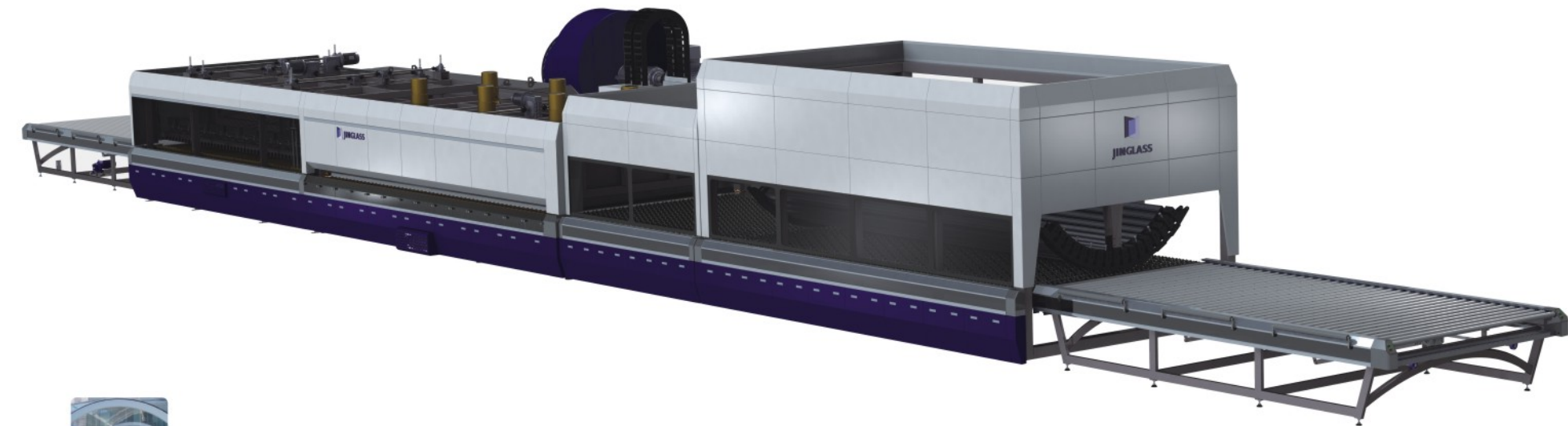
Technical Specification Datos Técnicos

Model Modelo	Thickness Espesor (mm)	Loading Area Area de Carga (mm)	Type of offline Low-E glass Emisibilidad del vidrio Low-E	Heating Calentamiento (KW)	Quench Templado (KW)
JGF - F - UD - 96168	4mm optional 4mm Opiconal	2500*4200	single and double silver Low-E E ≧ 0.015 Simple y doble capa de plata Low -E E ≧ 0.015	720	160
JGF - F - UD - 96200		2500*5000		850	220
JGF - F - UD - 96240		2500*6000		1050	250
JGF - F - UD - 96280		2500*7000		1250	220*2
JGF - F - UD - 96315		2500*8000		1400	220*2
JGF - F - UD - 108168		2700*4200		800	160
JGF - F - UD - 108200		2700*5000		950	220
JGF - F - UD - 108240		2700*6000		1100	250
JGF - F - UD - 108280		2700*7000		1300	220*2
JGF - F - UD - 108315		2700*8000		1500	220*2
JGF - F - UD - 124168		3000*4200		900	220
JGF - F - UD - 124200		3000*5000		1100	250
JGF - F - UD - 124240		3000*6000		1400	220*2
JGF - F - UD - 124280		3000*7000		1500	220*2
JGF - F - UD - 124315		3000*8000		1700	220*2
JGF - F - UD - 130168		3300*4200		1000	220
JGF - F - UD - 130200		3300*5000		1100	250
JGF - F - UD - 130240		3300*6000		1500	220*2
JGF - F - UD - 130280		3300*7000		1600	220*2
JGF - F - UD - 130315		3300*8000		1700	250*2

Model Modelo	Flat thickness Espesor en Plano (mm)	Flat max loading size Area de Carga Plano (mm)	Bend thickness Espesor en Curvo (mm)	Bend max straight Max lado recto en curvo (mm)	Optional type of conventional arclength (not fully listed) Opciones de longitud en desarrollo y radio (Ademas medidas especiales)						
					A	B	C	D	E	F	G
JGF - FB - 4884	3.2 -19	1250*2200	4 -12	1250	Arc=600 R ≧ 350	Arc=800 R ≧ 400	Arc=1000 R ≧ 500	Arc=1200 R ≧ 600	Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200
JGF - FB - 4896		1250*2500									
JGF - FB - 48124		1250*3000									
JGF - FB - 60110		1550*2800		1550	Arc=600 R ≧ 350	Arc=800 R ≧ 400	Arc=1000 R ≧ 500	Arc=1200 R ≧ 600	Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200
JGF - FB - 60124		1550*3000									
JGF - FB - 60126		1550*3200									
JGF - FB - 60144		1550*3660		1800	Arc=600 R ≧ 350	Arc=800 R ≧ 400	Arc=1000 R ≧ 500	Arc=1200 R ≧ 600	Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200
JGF - FB - 70144		1800*3660									
JGF - FB - 70168		1800*4200									
JGF - FB - 80100	4 -19	2000*2600	2000	Arc=600 R ≧ 350	Arc=800 R ≧ 400	Arc=1000 R ≧ 500	Arc=1200 R ≧ 600	Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200	
JGF - FB - 80110		2000*2800									
JGF - FB - 80124		2000*3000									
JGF - FB - 80144		2000*3660									
JGF - FB - 80168		2000*4200									
JGF - FB - 84144		2200*3660	2200	Arc=800 R ≧ 400	Arc=1000 R ≧ 500	Arc=1200 R ≧ 600	Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200		
JGF - FB - 84168		2200*4200									
JGF - FB - 96144	5 -19	2500*3860	2500			Arc=1000 R ≧ 500	Arc=1200 R ≧ 600	Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200	
JGF - FB - 96168		2500*4200									
JGF - FB - 96200		2500*5000									
JGF - FB - 96240		2500*6000									
JGF - FB - 96280		2500*7000									
JGF - FB - 108240		2700*6000	2700			Arc=1200 R ≧ 600	Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200		
JGF - FB - 124200		3000*5000	3000				Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200		
JGF - FB - 124240		3000*6000									
JGF - FB - 124360		3000*9000									
JGF - FB - 138240		3500*6000	3500				Arc=1500 R ≧ 750	Arc=2000 R ≧ 1000	Arc=2500 R ≧ 1200		
JGF - FB - 138360		3500*9000									

Longitudinal Bending Furnace

Horno de Templado Curvo Longitudinal



Traditional Longitudinal bending normally have problem of curve side breakage, big waveness, and wind mark which is parallel with the straight edge.

El curvado y templado longitudinal tradicional normalmente presentaba problemas en curvatura, ruptura, ondulaciones y marcas de soplado.

Model Modelo	C96	C108	C124	C130	C138	
Arc Arco	2440	2700	3000	3300	3500	
Length Longitud	Customization Options		3660	4200	5000	6000
	Se fabrican dimensiones a pedido		7000	9000	12000	18000



JINGGLASS WIND MARK KILLER

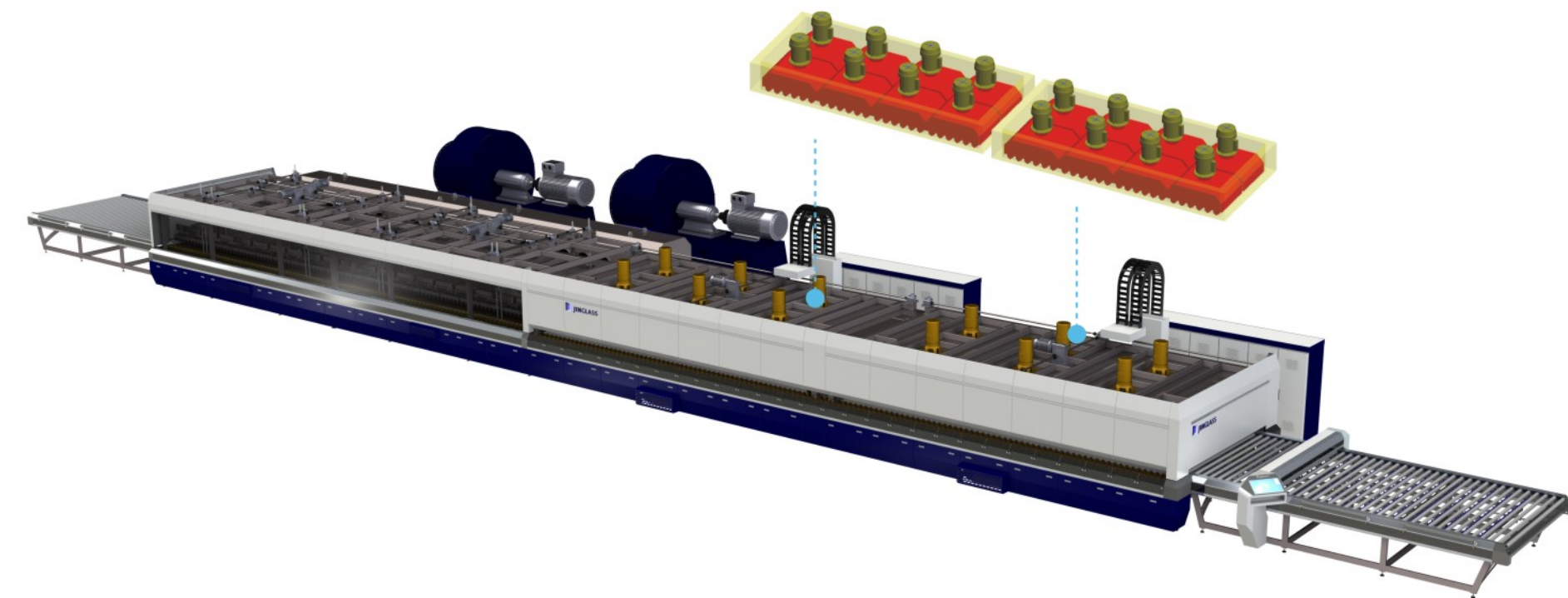
JINGGLASS MATADOR DE MARCAS

Jinglass patent nozzel design weaken the wind mark which is common by traditional longitudinal bending, and give much better bending waveness.

Jinglass patento un novedoso sistema que elimina las marcas tradicionalmente producidas en el proceso de soplado, dando optima calidad al producto.

Mid-Infrared Jet-Convection Conjoined Double Chamber Furnace

Mid-Infrared Jet-Convection Combinado en hornos de templado de doble cámara



Technical Characteristics

- All convection furnace could process full series Low-E glass ($E \geq 0.015$), including single silver, double silver and triple silver Low-E glass.
- With more efficient conjoined bellows, so as to low down the requirement on power system.(2700mm×5000mm furnace can temper 2700mm×10000mm when it is conjoined mode)

Datos Técnicos

- El horno de convección puede procesar todas las series de vidrios Low-E ($E \geq 0,015$) de simple capa hasta triple capa de Low-E
- Mas eficiente en consumo de energía y ahorro de tiempo en el proceso, este horno de 2700mmx5000mm este horno puede templar vidrios de 2700mmx 10000 mm con solo un click en la pantalla de control.

Technical Specification Datos Técnicos

Model Modelo	Thickness Espesor (mm)	Loading Area Area de Carga (mm)	Offline Low-E glass Valor de Emisibilidad	Heating Calentamiento (KW)	Quench Templado (KW)	Cooling Enfriado (KW)
JGF - DF - UD - 96168	4 -19	2500*4200	single, double , and triple silver Low-E $E \cong 0.015$ Simple , doble y triple capa de plata en Low-E $E \cong 0.015$	720*2	160	37
JGF - DF - UD - 96200		2500*5000		850*2	220	55
JGF - DF - UD - 96240		2500*6000		1050*2	250	55
JGF - DF - UD - 96280		2500*7000		1250*2	220*2	55
JGF - DF - UD - 96315		2500*8000		1400*2	220*2	55*2
JGF - DF - UD -108168		2700*4200		800*2	160	37
JGF - DF - UD - 108200		2700*5000		950*2	220	55
JGF - DF - UD - 108240		2700*6000		1100*2	250	55
JGF - DF - UD - 108280		2700*7000		1300*2	220*2	55
JGF - DF - UD - 108315		2700*8000		1500*2	220*2	55*2
JGF - DF - UD - 124168	5 -19	3000*4200		900*2	220	55
JGF - DF - UD - 124200		3000*5000		1100*2	250	55
JGF - DF - UD - 124240		3000*6000		1400*2	220*2	55*2
JGF - DF - UD - 124280		3000*7000		1500*2	220*2	55*2
JGF - DF - UD - 124315		3000*8000		1700*2	220*2	55*2
JGF - DF - UD - 130168		3300*4200		1000*2	220	55
JGF - DF - UD - 130200		3300*5000		1100*2	250	55
JGF - DF - UD - 130240		3300*6000		1500*2	220*2	55*2
JGF - DF - UD - 130280		3300*7000		1600*2	220*2	55*2
JGF - DF - UD - 130315		3300*8000		1700*2	250*2	55*2

Horizontal Continuous Flat Glass Tempering Furnace

Horno Horizontal de Templado Continuo



Suitable For
Various sizes of glass for vehicles, furniture, domestic appliances and solar modules.

Aplicaciones
Diferentes tamaños de vidrios para, vehículos, muebles, línea blanca y paneles solares

Technical Specification Datos Técnicos

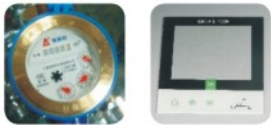
Model Modelo	Thickness Espesor (mm)	Loading Area Area de Carga	Heating Calentamiento (KW)	Quenching Templado (KW)	Cooling Enfriado (KW)
JGF - CF - S- 40	2.5 - 8	1050*2000	2000	315*2	160+55
JGF - CF - L- 40	3.2 - 8	1050*2000	2100	315	160+55
JGF - CF - L- 48	3.2 - 8	1250*2000	2400	220*2	160+55
JGF - CF - S- 60	3.2 - 8	1650*2000	2400	220*2	160+55*2

JGF-F-Mini Glass Tempering Furnace

Horno de templado JGF-F- Mini



- Suitable For**
- Low-E glass film tempering test
 - Instrument glass and small flat glass tempering
- Aplicaciones**
- Testeo de vidrios Low-E
 - Vidrios templados para instrumentos y vidrios pequeños.



Technical Specification Datos Técnicos

Model Modelo	Thickness Espesor (mm)	Max. Size Tamano Max	Heating Calentamiento (KW)	Quenching Templado (KW)
JGF - F - MINI - 1000	4 -12	600*1000	75	37
JGF - F - MINI - 1400	4 -12	600*1400	85	75
JGF - F - MINI - 1800	4 -12	600*1800	105	90

JGF-F Stream IR Tempering Furnace

Horno de Templado JGF-F Stream IR



Suitable For

- Various sizes of glass for architectural curtain wall, door & window, furniture, household appliance and solar modules.
- Thinnest glass thickness: 2.8mm.

Aplicaciones

- Diferentes tamaños de vidrios para, uso arquitectónico, paredes, cortinas, puertas y ventanas, muebles, línea blanca y paneles solares
- Mínimo espesor de vidrio a templar de 2,8 mm

Technical Specification Datos Técnicos

Model Modelo	Thickness Espesor (mm)	Max. Size Tamano Max (mm)	Min. Size Tamano Min (mm)	Heating Calentamiento (KW)	Quench Templado (KW)
JGF - F - 4884	3.2 - 19	1250*2200	150*250	220	220*2
JGF - F - 4896		1250*2500		230	220*2
JGF - F - 48124		1250*3000		240	220*2
JGF - F - 60110		1550*2800		260	250*2
JGF - F - 60124		1550*3000		280	250*2
JGF - F - 60126		1550*3200		300	250*2
JGF - F - 60144		1550*3660		340	250*2
JGF - F - 70144		1800*3660		390	280*2
JGF - F - 70168		1800*4200		460	280*2
JGF - F - 80100	4 - 19	2000*2600	150*250	300	110
JGF - F - 80110		2000*2800		330	110
JGF - F - 80124		2000*3000		360	132
JGF - F - 80144		2000*3660		430	132
JGF - F - 80168		2000*4200		520	132
JGF - F - 84144		2200*3660		480	160
JGF - F - 84168		2200*4200		580	160
JGF - F - 96144	5 - 19	2500*3860	300*300	600	160
JGF - F - 96168		2500*4200		650	160
JGF - F - 96200		2500*5000		750	220
JGF - F - 96240		2500*6000		900	250
JGF - F - 96280		2500*7000		1000	160*2
JGF - F - 108240		2700*6000		1000	250
JGF - F - 124200		3000*5000		1050	250
JGF - F - 124240		3000*6000		1250	160*2
JGF - F - 124360		3000*9000		1700	160*2
JGF - F - 130200		3300*5000		990	160*2
JGF - F - 130240		3300*6000		1200	160*2
JGF - F - 138240		3500*6000		1300	160*2
JGF - F - 138360		3500*9000		1800	160*2