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GLASS LAMINATION JET

Vacuum and Microred (Infrared) membrane ovens for perfect glass lamination with the best quality output.

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GLASS LAMINATION – JET

JET 200, 400 lamination ovens are designed, thanks to 10 years of experience in glass lamination for the companies that deal with small and medium size productions but want something more than just the basics with additional quality. JET line is characterized by its combined heating system of IR patented panels (MICRORED) and hot air in recirculation. The JET line includes all the features that are considered optional on the FLY models.

FEATURES:

- Heating done by Microred Infrared and hot air in recirculation
- High quality silicone membrane for greater strength and durability
- PTFE net included for high vacuum performance
- Double stage vacuum pump with high suction and vacuum depression performance
- Quick silicon sheet downs
- Possibility to save the cycle parameter (temperature, vacuum state, time) in a USB memory (e.g. for the glass certification)
- Possibility to use EVA or PVB
- Fast connection system for vacuum bag
- Possibility to install a roll support on the machine
- Vacuum control with digital vacuum meter
- Possibility to install a Varnish dryer equipment
- Forced air cooling at the end of the heating cycle (for the highest quality of glass transparency)

BENEFITS:

- Simple and economical processing time: unlike the processes in a standard autoclave, it is possible to heat glasses of different dimensions or thickness.
- Easy to operate: A user-friendly touch screen is provided on all machine models to allow the user to input, modify and/or save the desired glass lamination recipes. The control panel includes warning signals and lights, which easily indicate the presence of errors
- Labor saving and work area efficiency: A spacious worktop is provided on all JET model, for assembling of glasses, potentially reducing required work area and internal product handling.
- Strength and durability: All the machines possess a robust steel support frame (coated with an anti-corrosive paint) and internal steel platform support(s) to handle the various stresses present in a factory environment.

- Energy saving & increase in productivity: Thanks to the high quality of technical characteristics and high quality certified insulating material panels, the heating performance featured by our machines is uniform throughout the treatment chamber and desired temperatures can be achieved faster and maintained, reducing processing time and energy consumption.
- Long-term aging resistance: we use the best components and materials to guarantee the best durability of the machine over the time.
- Specialized training: Our staff is available to resolve any issues with our machines. In addition, our specialized technicians provide training for use our machines to laminate glasses.

WHY INVEST IN A MACHINE THAT PROCESS LAMINATED GLASS WITH EVA?

TO CREATE SAFETY GLASS: in the event of breaking, the glass maintains together without shattering into sharp pieces. The interlayer adhesive EVA film keeps the layers of glass bonded. To create decorative glass: EVA excellent transparency, adhesion and barrier characteristics allow the usage of laminated glass on numerous applications, such as furniture, paintings, sculptures, etc.
MANY ADVANTAGES: Simple and economical processing time: unlike other common adhesives, EVA's chemical composition makes it possible to treat laminated glass at relatively low heat cycles and without the need of a pressurized chamber (autoclave)- UV protection- High impact resistance- Sound barrier- Long-term aging resistance

Additional information on EVA:

- EVA's waterproof and humidity durability characteristics permit easy handling and storage.
- EVA films are available in a wide range of colors (white, transparent, red, green, yellow, blue etc.)

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TECHINICAL CHARACTERISTICS:

JET 200

Application	Glass Lamination & Varnish Dryer
Internal platform work area standard dimensions	1800 mm x 3200 mm 2000 mm x 3200 mm 2000 mm x 4000 mm
Height of Treatment chamber	200 mm
Machine outermost standard dimensions (closed drawer)	2450 mm x 4230 mm x h 950 mm
Machine outermost longitudinal standard dimension (opened drawer)	8500 mm
Weight	2000 kg
Installed Power	25 kW
Heating system	IR Panels (MICRORED) + Hot air in recirculation
Estimated absorbed power / standard cycle	15 kWh
Voltage	400 V 3phase – 50 Hz
Lamination temperature	130 °C
Dryer temperature	150 °C
Process recipe programs	Up to 256 programmable recipes / up to 10 interval cycles
Automatic Night cycle	Programmable
Number of treatment drawers	1
Tear resistance silicon sheet (with net in PTFE coated fiber glass)	2 sheets (1.5 mm thick)
Carpet for worktop	Optional
EVA roll support	Yes
Forced cooling system	Yes
Number of vacuum valves	1 per treatment platform
Vacuum silicon bag with easy attachment	Optional
Number of vacuum pumps (Pump Power)	1 (1.5 kW) 3phase double stage
Vacuum meter	Yes, digital

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TECHINICAL CHARACTERISTICS:

FLY 400

Application	Glass Lamination & Varnish Dryer
Internal platform work area standard dimensions	1800 mm x 3200 mm / 2000 mm x 3200 mm / 2000 mm x 4000 mm
Height of Treatment chamber	400 mm
Machine outermost standard dimensions (closed drawer)	2450 mm x 4230 mm x h 1150 mm
Machine outermost longitudinal standard dimension (opened drawer)	8500 mm
Weight	2000 kg
Installed Power	25 kW
Heating system	IR Panels (MICRORED) + Hot air in recirculation
Estimated absorbed power / standard cycle	15 kWh
Voltage	400 V 3 phase– 50 Hz
Lamination temperature	130 °C
Dryer temperature	150 °C
Process recipe programs	Up to 256 programmable recipes / up to 10 interval cycles
Automatic Night cycle	Programmable
Number of treatment drawers	1
Carpet for worktop	Optional
Tear resistance silicon sheet (with net in PTFE coated fiber glass)	2 sheets (1.5 mm thick)
EVA roll support	Yes (Built-in)
Forced cooling system	Yes
Number of vacuum valves	1 per treatment platform
Vacuum silicon bag with easy attachment	Optional
Number of vacuum pumps (Pump Power)	1 (1.5 kW) 3 phase double stage
Vacuum meter	Yes, digital