

TWO-TABLE GLASS LAMINATING FURNACE LAMMITECH 3200



The main purpose of this highly productive furnace **Lammitech 3200** is glass laminating with the use of EVA film. The technology is based on creation of a specific temperature cycle with simultaneous operation of vacuum system using special bags.

Technology of glass lamination with the use of EVA film does not require special technical decisions, only the furnace itself. When producing decorative safe triplex you can use coloured films EVA and their combinations, as well as apply different inserts starting from the simplest tissues, wood, paper, steel and finishing with highly technological inserts like films with LEDs, projection screens and so on.

Basic features of glass laminating furnace LAMMITECH 3200

Work size: maximum size of laminated glass- 3200x2400 mm.

Maximum thickness of triplex - 80 mm.

Structure: Furnace consists of **independent** heating chambers. Each chamber is equipped with one table and one vacuum bag and operated by controller (PLC).



Heating system:

- The heating is performed thanks to upper and lower tubular heating elements made of Inconel.
- Convection system evenly distributes hot air with the help of **six** independent fans in each chamber. Temperature and time for each chamber are set on the controller.



Vacuum system

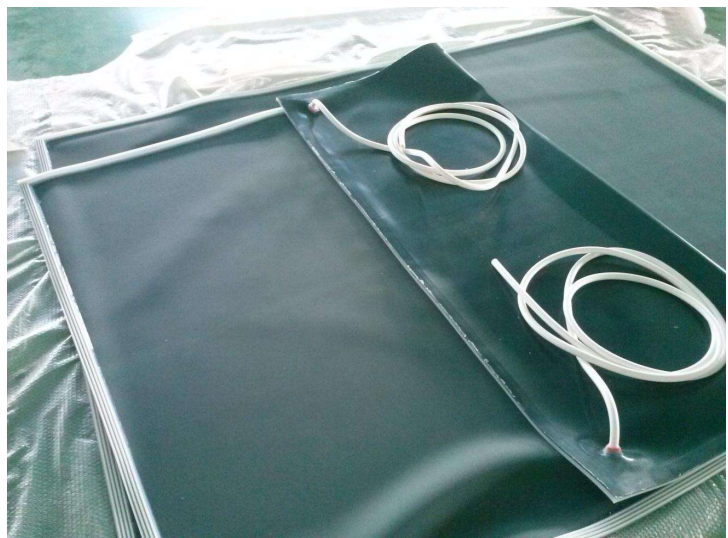
In LGM furnaces each chamber has its own compressor, and vacuum in each chamber is regulated!!!



- Vacuum is provided by vacuum pump connected with the receiver by separate valves.
- The vacuum value is set on each step of the programme.
- In case of shut down receiver will maintain vacuum in silicone bag till the end of cycle.

Silicone bag.

Silicone bags are integral part of vacuum system. Bags up to 3 mm in thickness endure temperature **up to 200 degrees**. Each chamber has two vacuum bags. In order to accelerate lamination you can purchase additional bags.
Size: 3350 MM * 2550 MM



Control system



- Touch Screen panel of PLC controller.
- All programmes are configured automatically.
- Curing time and temperature are set according to the thickness of glass.
- Heating time can be adjusted.
- New software with 10-step control process, programmes and data storing function, option to input 3 numbers.

Technical specifications

Purpose	<i>Glass lamination with EVA film</i>
Model	<i>LAMMITECH 3200</i>
Electrical connection	<i>380 V</i>
Rated power	<i>40 kW (20 kW * 2 chambers)</i>
Maximum size of glass	<i>3200mm*2400mm</i>
Number of chambers	<i>2 independent</i>
Number of shelves	<i>2</i>
Furnace dimensions	<i>4180mm*3400mm*1400mm</i>
Weight	<i>950 kg</i>