

Jinan Lijiang Automation Equipment Co., Ltd. is the pioneer in the production of a double/ large-plate inflatable insulating glass production line in China. We have achieved an unparalleled feat by being the first to create this innovative technology in the country. Additionally, We have obtained three utility model patents and software copyright, which further solidifies our position as a leader in the industry.

Jinan Lijiang's double/large-plate inflatable insulating glass production line is capable of producing inflated insulating glass with dimensions of 3.3 meters by 7 meters. The double plates can operate independently at the same time, which significantly increases the processing efficiency of the glass factory.

Jinan Lijiang Automation Equipment Co., Ltd. started to develop a large-plate inflatable insulating glass production line in 2020. In 2021, it provided the first 3.3-meter*7-meter large-plate inflatable insulating glass production line in Guangdong, realizing the production of ultra-large insulated glass and providing technical and equipment support for the development of yaobo.

In 2022, Jinan Lijiang's double-plate pressure extra-large plate inflatable insulating glass production line was rated as the first set in Shandong Province by the Shandong Architectural Glass and Industrial Glass Association. And reported by China Architectural Glass and Industrial Glass Magazine.

In 2022, Jinan Lijiang Automation Equipment Co., Ltd. successfully exported their double-plate pressure extra-large plate inflatable insulating glass production line overseas.

Lijiang's double/super-large plate inflatable insulating glass production line can clean glass up to 35mm thickness. The line's cleaning and drying section can automatically adjust the opening distance according to the thickness of the glass, ensuring a good drying effect. All the conveying sections have dual stations, which allows for double-station work on glass with a length of less than 3.5 meters in the dual-station mode, thus increasing production efficiency by more than 50%. The aluminum frame section is equipped with an automatic lifting device that helps position the aluminum frame of large plate glass. Additionally, there is an automatic side thickness device before plate pressing, and the Siemens servo system that drives the plate pressing can automatically achieve precise pressing of the plate size based on the post-test results. Lijiang's patented inflatable beam device ensures efficient inflation and sealing, while offering a stronger ability to tolerate glass tempering errors and better adaptability. The inflatable structure comes with an automatic measurement feedback device that offers real-time online feedback on the inflation effect. The setup data and actual data are displayed on the screen in real-time.

It is easy to control inflation, save argon gas, and improve efficiency, making it more energy-saving and eco-friendly with high efficiency.

The double plates can function independently or in tandem. The machine is capable to process regular-sized glass for doors and windows in dual-station mode, or can be linked together to process extra-large inflatable insulating glass. This is good news for glass processing plants as it provides them with an efficient tool.