

Industrial Microwave Glass Fibre Drying Technology

Introduction Of Microwave Glass Fibre Drying Machine:

Microwave glass fibre drying machine is a specialized device used for drying glass fibre using microwave technology. Glass fibres are widely used in various industries such as aerospace, automotive, marine, and construction due to their high tensile strength, durability, and resistance to heat and chemicals. Microwave glass fibre drying machine works by using electromagnetic waves to heat and dry the glass fibres, which can significantly reduce the drying time and improve productivity. In conclusion, Microwave glass fibre drying machine is an advanced and efficient tool for drying glass fibres. Its use can result in faster, more consistent, and higher quality drying, making it an essential technology in the glass fiber manufacturing industry.



Parameter Of Microwave Glass Fibre Drying Machine:

Equipment Model	LY-100 Industrial Microwave Drying Machine For Glass Fibre
Rated Input Apparent Power	Customization
Height Of Conveyor	600-1000mm
Inlet And Outlet Height	40-100mm
Width Of Conveyor Belt	750±100mm(Custom-Made)
Microwave Leakage Standard	ISO?5mw/Cm ²

Operating Frequency	2450±50Hmz
Transmission Speed	0~10m/Min(Adjustable Frequency)

Feature Of Microwave Glass Fibre Drying Machine:

- 1. Control system:** The machine is equipped with a control system that allows for precise control of the drying process. The system can be programmed to set the desired temperature, humidity, and drying time.
- 2. Fast drying:** The use of microwave technology allows for extremely fast drying of the glass fibres. This helps to increase productivity and reduce production time.
- 3. Energy-efficient:** Microwave glass fibre drying machine is energy-efficient compared to conventional drying methods. It requires less energy to operate, which can result in significant cost savings over time.
- 4. Gently drying process:** The machine has a gentle drying process, which helps to preserve the quality and integrity of the glass fibres. This makes it suitable for use with delicate or fragile fibres.

Details Display Of Microwave Glass Fibre Drying Machine?





Applications Of Microwave Glass Fibre Drying Machine:

1	Manufacturing of fiberglass products	Microwave glass fibre drying machine can be used to dry glass fibres quickly and efficiently, speeding up the manufacturing process.
2	Medical industry	The drying machine can be used for drying sterile glass fibers used for wound suturing, etc.
3	Aerospace industry	Glass fibers are used in the aerospace industry to manufacture lightweight composites for aircraft components.
4	Automotive industry	The drying machine can be used in the

		manufacturing process to dry glass fibres before their use in these components.
5	Construction industry	Glass fibres are used in the construction industry for the reinforcement of concrete and insulation materials.

Advantages Of Loyal Microwave Drying And Sterilization Equipment:

1. Adopt Food Grade Stainless Steel, Nice Appearance, Easy To Clean.
2. Microwave Can Penetrate Through The Materials So That The Inside And Outside Are Heated At The Same Time, Short Processing Time, Evenly Drying And Thorough Terilization. No Extra Heat Loss, High Heat Efficiency, Saving Energy.
3. Thermal Effect And Non-Thermal Effect Work Together, Achieving Ideal Sterilization Effect At Low Temperature And Short Time, The Vegetable Can Keep Their Nutrition Components To The Maximum.
4. Adopt Non-Contact Infrared Temperature Measurement Technology, High Precision, Automatic Control.
5. Frequency Adjustable Conveyor Speed, Step-less Adjustable Microwave Power, Instant Heating And Stop, No Thermal Inertia, Convenient Operation.

