

# Industrial Microwave Wool Drying Technology

## Introduction Of Microwave Wool Drying Machine:

Microwave wool drying machine is an advanced technology that uses microwave energy for the drying of wool products such as woolen fabrics, sweaters, and carpets. The machine works by converting electrical energy into microwave energy, which is then directed towards the wool products for fast and efficient drying. The technology is ideal for drying wool products as it does not cause any damage to the fibers, unlike traditional heating methods such as hot-air dryers that can cause shrinkage and damage to the wool fibers. Additionally, the machine is environmentally friendly as it does not emit any harmful gases or pollutants during the drying process.



## Parameter Of Microwave Wool Drying Machine:

Equipment Model	LY-100 Industrial Microwave Drying Machine For Wool
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 <sup>2</sup>
Operating Frequency	2450±50Hmz

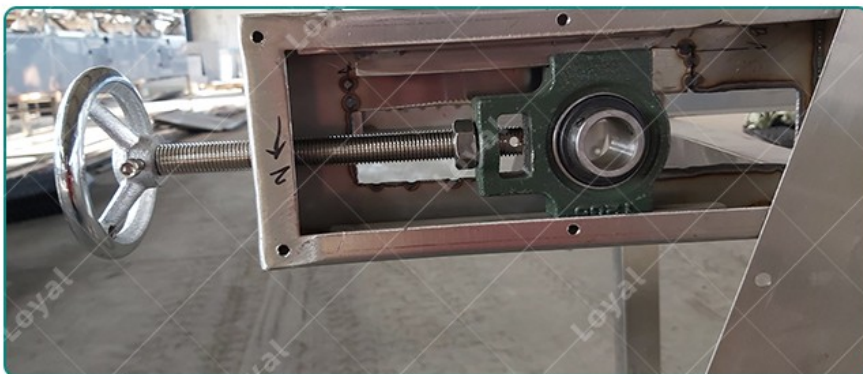
Transmission Speed

0~10m/Min(Adjustable Frequency)

### Feature Of Microwave Wool Drying Machine:

- 1. Fast Drying:** The microwave wool drying machine uses microwave energy, which penetrates deep into the wool fibers and evaporates the water molecules.
- 2. Energy Efficiency:** The microwave wool drying machine uses less energy compared to traditional hot-air dryers.
- 3. Superior Quality:** The use of microwave energy ensures that the wool fibers are not damaged during the drying process.
- 4. Environmentally Friendly:** The microwave wool drying machine does not emit any harmful gases or pollutants into the environment.
- 5. Easy to Use:** The machine is easy to operate, and the drying process is automated, requiring minimal human intervention.
- 6. Safe:** The microwave wool drying machine has safety features that prevent overheating and electrical faults.

### Details Display Of Microwave Wool Drying Machine?





### Applications Of Microwave Wool Drying Machine:

1	Textile Industry	The machine can be used to dry wool garments, blankets, and other woolen products, ensuring fast and efficient production.
2	Agriculture Industry	The machine can be used to dry wool from sheep, reducing the moisture content and making it easier to process and store the wool.
3	Research and Development	The microwave wool drying machine can be used by researchers and scientists to study the effect of drying on wool fibers and to develop new wool products.
4	Food Industry	The machine can also be used to dry food products such as fruits and vegetables and to reduce the moisture content in spices and herbs.
5	Pharmaceutical Industry	The machine can be used to dry medicinal herbs and plants, which are used in various pharmaceutical products.

### 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.

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.

