Industrial Microwave Soybeans Drying Technology

Detail Introduction :

Introduction Of Microwave Soybeans Drying Machine:

Microwave soybean drying machine is a specialized equipment used for drying soybeans using micro technology. It is designed to reduce the moisture content of soybeans while preserving their nutritior and taste.The machine works by producing microwave radiation which is directed towards the soybe placed inside the drying chamber. The microwaves cause the water molecules within the soybeans to rapidly, which generates heat and evaporates the moisture. The drying process is quick and efficient, typical cycle time of only a few minutes.

Parameter Of Microwave Soybeans Drying Machine:

Equipment Model	LY-100 Industrial Microwave Drying Machine For Soybeans
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/Cm²
Operating Frequency	2450±50Hmz

Transmission Speed	0~10m/Min(Adjustable Frequency)

Feature Of Microwave Soybeans Drying Machine:

1.Efficient Drying: Microwave soybean drying machines use microwave technology to rapidly heat and evaporate moisture from the soybeans.

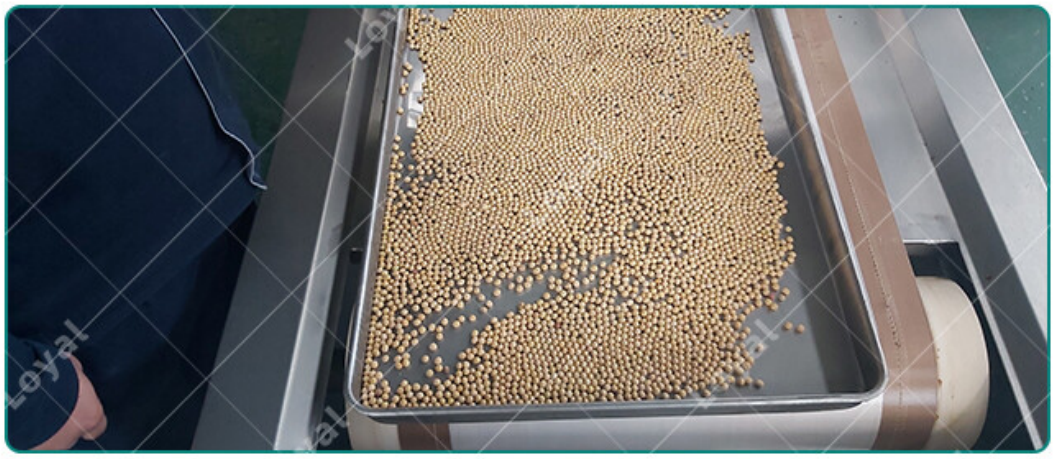
2.Energy-Saving: The microwave soybean drying machine requires less energy compared to other dry methods, such as hot air drying.

3.Uniform Drying: The microwave technology used in the drying process ensures that the soybeans a uniformly dried.

4.Preservation of Nutritional Value: The microwave soybean drying machine preserves the nutritiona the soybeans.

5.Easy to Use: The microwave soybean drying machine is easy to operate and requires minimal super

Details Display Of Microwave Soybeans Drying Machine:



Applications Of Microwave Soybeans Drying Machine:

1.Food Processing Industry: The machine is used in the food processing industry to dry soybeans bef further processing into food products such as tofu, soy milk, and soy sauce.

2.Agriculture: The machine is used by farmers to dry soybeans before storage or sale. This helps to re moisture content of the soybeans, which reduces the risk of spoilage during storage.

3.Research: The machine is used by researchers to study the effects of drying on soybeans. This help develop new methods and techniques for drying soybeans that preserve their nutritional value and fl

4.Export: The machine is used by soybean exporters to dry soybeans before shipping to other countr helps to ensure that the soybeans meet the quality standards required for export.

5.Home Use: The machine can also be used by individuals who want to dry soybeans at home. This is for people who want to make their own soy products, such as tofu or soy milk, and want to ensure th soybeans are dried properly.

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 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 Co

5.Frequency Adjustable Conveyor Speed, Step-less Adjustable Microwave Power, Instant Heating And Thermal Inertia,Convenient Operation.

6.Adopt Human-Machine Interface Operation And PLC Touch Screen Control, Realizing Automatic Co

7.Microwave Leakages ≤1mw/ Cm2, No Heat Radiation, Improving The Work Environment.