

Turmeric Powder Drying Sterilization Machine

Specifications :

Price	10000-100000
Brand Name	Loyal
Place of Origin	Shandong,China
Min.Order Quantity	1 set
Payment Terms	T/T,LC
Supply Ability	50 sets per month
Delivery Detail	30-40 working days
Packaging Details	film,box
Condition:	New

Detail Introduction :

Introduction:

The Turmeric Powder Drying Sterilization Machine marks a significant advancement in the processing of turmeric, offering a seamless solution for both drying and sterilization. Key components include Industrial microwave dry and sterilize turmeric, Turmeric Powder Dryer And Sterilizer, and Turmeric Drying Sterilization Machine. In this article, we will explore the working principles, advantages, and frequently asked questions (FAQs) regarding this innovative microwave technology.



Industrial Microwave Dry And Sterilize Turmeric:

The Industrial microwave dry and sterilize turmeric process is a breakthrough in preserving the quality of turmeric. By utilizing industrial microwave sterilisation, this method selectively targets and heats the water molecules within the turmeric, leading to efficient drying and sterilization. This ensures the elimination of pathogens while maintaining the flavor, color, and nutritional profile of the turmeric.

The Turmeric Powder Dryer And Sterilizer play a crucial role in maintaining the integrity of turmeric powder. Through the application of microwave technology, this equipment ensures a controlled and uniform drying process. The machine is designed to optimize both drying efficiency and sterilization, preserving the turmeric's natural characteristics.

The Turmeric Drying Sterilization Machine combines the drying and sterilization processes into a seamless operation. By utilizing industrial microwave dry and sterilize turmeric, this machine guarantees not only the removal of moisture but also the elimination of harmful microorganisms. The result is high-quality turmeric powder with an extended shelf life.



How To Choose Industrial Drying Sterilization Machine Of Different Models?

How To Choose Industrial Drying Sterilization Machine Of Different Models?				
Model	Size L*W*H(Can be customized according to the customer's requirements)	Output power	Dewaterability	Sterilization capacity
LY-10KW	5000mm*825mm*1750mm	?10KW	10KG/Hour	100KG/Hour
LY-20KW	8000mm*825mm*1750mm	?20KW	20KG/Hour	200KG/Hour
LY-30KW	8500mm*1160mm*1750mm	?30KW	30KG/Hour	300KG/Hour
LY-40KW	10000mm*1160mm*1750mm	?40KW	40KG/Hour	40KG/Hour
LY-50KW	12500mm*1160mm*1750mm	?50KW	50KG/Hour	500KG/Hour
LY-60KW	13500mm*1450mm*1750mm	?60KW	60KG/Hour	600KG/Hour
LY-70KW	13500mm*1500mm*1750mm	?70KW	70KG/Hour	700KG/Hour
LY-80KW	13500mm*1650mm*1750mm	?80KW	80KG/Hour	800KG/Hour
LY-100KW	16800mm*1650mm*1750mm	?100KW	100KG/Hour	1000KG/Hour
LY-150KW	22400mm*1850mm*1750mm	?150KW	150KG/Hour	1500KG/Hour
LY-200KW	27000mm*1850mm*1750mm	?250KW	250KG/Hour	2500KG/Hour
LY-300KW	32000mm*1850mm*1750mm	?300KW	300KG/Hour	3000KG/Hour
Power Supply		380V±10% 50Hz±1% Three		
Microwave Output Frequency		2450±50Mh		
Microwave Input Apparent Power		?168Kva		
Microwave Output Power		?120Kw		
Microwave Power Adjustment Range		0-30Kw(Adjusta		
Ambient Temperature		-5-40°C		

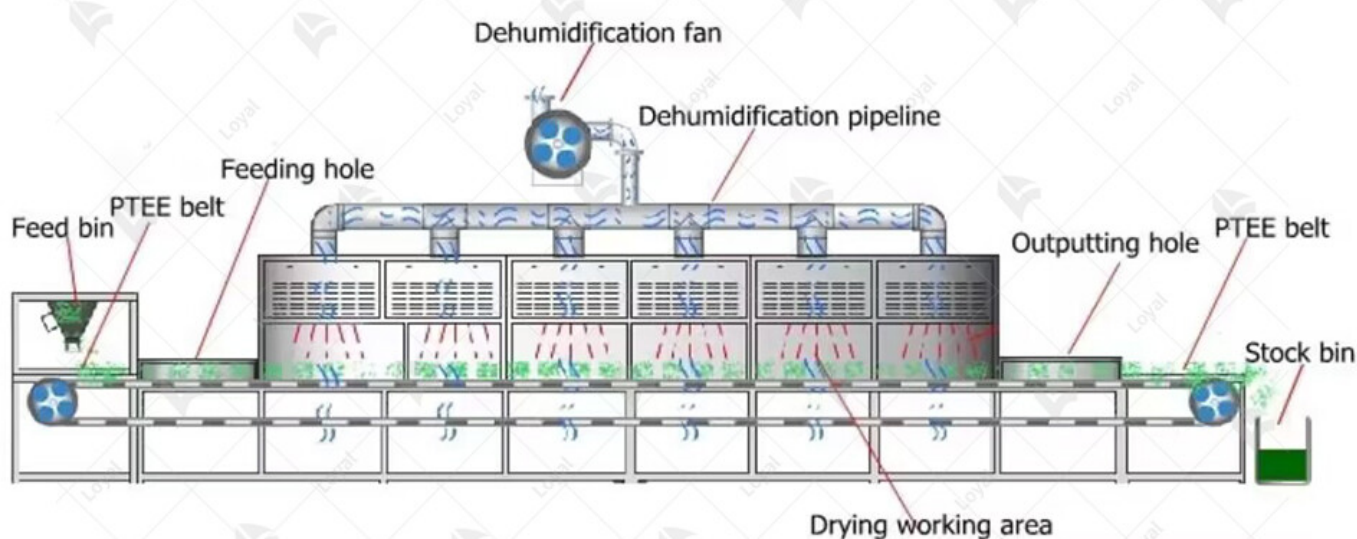
Relative Humidity	780%, Surrounding Environment: No Corrosion, No Explosive Gas
Transmission Speed	0-10m/Min (Adjustable)



Working Principles Of Industrial Microwave Sterilisation:

Industrial microwave sterilisation operates on the principle of selective energy absorption. As microwaves penetrate the turmeric, they specifically heat the water molecules, leading to rapid and targeted sterilization. This method ensures the elimination of bacteria and contaminants while preserving the essential properties of the turmeric.

Continuous Microwave Equipment Working Process





Technical Parameters And Price Of Industrial Turmeric Powder Drying Sterilization Machine

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Type?	Drying Oven	Application:	Low-Temperature Roasting Of Whole Grains
Condition:	New	Place Of Origin:	Shandong, China
Brand Name:	Loyal	Voltage:	380v/440v Customized
Power:	20-200kw	Dimension(L*W*H):	8640 *1200*2200mm
Key Selling Points:	High Productivity	Warranty:	1 Year

Advantages Of Microwave Sterilisation Machine:

The Turmeric Powder Drying Sterilization Machine offers several advantages. Firstly, it significantly reduces processing time, enhancing overall efficiency. The controlled microwave energy application ensures uniform drying and sterilization, preventing over-processing and preserving the turmeric's natural characteristics. Additionally, this technology contributes to energy savings, making it a sustainable choice for turmeric processing.



3-5min
Extremely
Fast Drying



Simultaneous
Heating Inside
And Outside



Temperature
Sensing
Prevents
Overheating



Synchronous
Sterilization &
Disinfection
Function



Cooling System
Has Long
Service Life



Microwave
Anti-Leak

LOYAL'S MICROWAVE ADVANTAGES

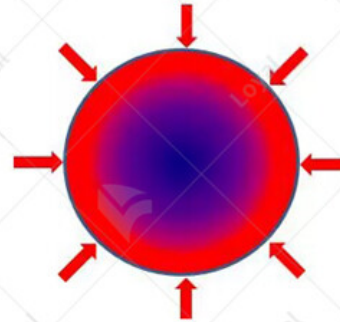
Microwave Heating



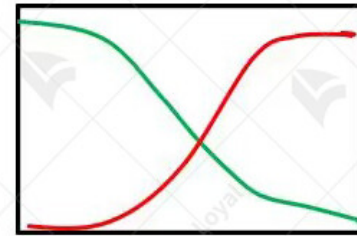
Time

FASTER, MORE EVEN

Conductive Heating



Temperature



Time

SLOWLY...

The Sample And Applicant Of Industrial Microwave Sterilisation

Microwave is widely used in drying and sterilising spices. Microwave drying and sterilisation machine can carry out efficient and rapid drying and sterilisation of powdered spices, which has the advantages of short time and high efficiency. Microwave sterilization is a physical process, safe and harmless, does not change the food colour, aroma and nutrients, to avoid the long heating time affects the quality of food. Microwave sterilisation is suitable for foods that should not be sterilised at high temperature for a long time.



FAQS: Turmeric Powder Drying Sterilization Machine

Q1: How does the Industrial microwave dry and sterilize turmeric process work?

A1: The process involves selectively heating water molecules in turmeric using industrial microwave sterilisation, leading to efficient drying and sterilization while preserving the turmeric's natural properties.

Q2: What sets the Turmeric Powder Dryer And Sterilizer apart from traditional drying methods?

A2: The Turmeric Powder Dryer And Sterilizer utilize controlled microwave technology, ensuring uniform drying and sterilization, preserving the color, flavor, and nutritional content of turmeric powder.

Q3: Is the Turmeric Drying Sterilization Machine suitable for large-scale production?

A3: Yes, the machine is designed for efficiency, making it suitable for large-scale turmeric processing while maintaining the highest quality standards.

**Conclusion:**

In conclusion, the Turmeric Powder Drying Sterilization Machine, incorporating Industrial microwave dry and sterilize turmeric, Turmeric Powder Dryer And Sterilizer, and Turmeric Drying Sterilization Machine, revolutionizes turmeric processing. This advanced technology not only ensures efficient drying and sterilization but also contributes to the preservation of the turmeric's natural attributes. With its numerous advantages, it stands as a cornerstone in the modern food processing industry.