

Belt Transmission Microwave Bamboo Stick Drying Sterilizing Machine



Introduction

Manufacturing processes are constantly evolving, which means machines that used to be used only in factories are now becoming commonplace in homes and businesses. One such machine is the belt transmission microwave bamboo stick drying sterilizing machine. This machine is perfect for those who need to dry or sterilize items quickly and efficiently. It also has a number of other applications, such as sanitizing kitchen counters or wiping down surfaces. If you're looking for a machine that can help streamline your manufacturing process, this is an excellent option.

Applications of Belt Transmission Microwave Bamboo Stick Drying Sterilizing Machine

Belt Transmission Microwave Bamboo Stick Drying Sterilizing Machine is widely used in the food industry, such as the sterilization of bamboo stick, fruits and vegetables, etc. It adopts high-frequency technology to dry bamboo stick quickly and evenly, ensuring excellent sterilization performance.

The machine applied to the sterilization of bamboo sticks is composed of an input housing, a belt transmission, a microwave oven and a fan. The input housing has a diameter of 80 cm and a length of 120 cm. The belt transmission is made up of several pulleys that are driven by an electric motor. The microwave oven is located at the front end of the belt transmission and the fan is located at the rear end. The microwave oven has a power output of 2 kW and can heat up to 900 watts. The machine can work at a speed of 800 rpm and can handle a maximum load of 10 kg.

Operating Principle of Belt Transmission Microwave Bamboo Stick Drying Sterilizing Machine

Belt transmission microwave bamboo stick drying sterilizing machine is a new generation microwave sterilization equipment which adopts the belt transmission mode to Sterilize the food. According to its operating principle, it is composed of three main parts, including transmitter, belt, and motor. The transmitter applies microwave energy to the food in the belt while moving along it at a constant speed. This heating process causes water vapor to escape from the food and form gas bubbles. These gas bubbles are then forced out of the machine through a nozzle located on the belt edge and into the

atmosphere where they burst, releasing heat and moisture. Consequently, this machine can effectively kill bacteria and destroy pathogenic spores while leaving healthy nutrients intact. In addition, because it uses a continuous motion rather than an intermittent one, this machine is much more efficient than traditional methods such as steam or autoclaving

Specifications of Belt Transmission Microwave Bamboo Stick Drying Sterilizing Machine

Belt Transmission Microwave Bamboo Stick Drying Sterilizing Machine

The belt transmission microwave bamboo stick drying sterilizing machine is a new type of microwave dryer. It adopts the principle of belt transmission to evenly transmit the microwaves to the bamboo sticks, which helps to dry them quickly and evenly. The machine has an automatic control system that adjusts the microwave power and time to achieve the required degree of dryness. It also has a built-in sensors to detect when the bamboo sticks are sufficiently dried, and stops the machine automatically. This ensures accurate and consistent drying results.

The belt transmission microwave bamboo stick drying sterilizing machine is available in two models: a small model for use in small spaces, and a large model for use in larger spaces. Both models have an adjustable cabinet height and width, so they can be customized to fit any space. They also have mobility features so they can be easily moved from one area to another.

Troubleshooting Tips for Belt Transmission Microwave Bamboo Stick Drying Sterilizing Machine

Belt transmission microwave bamboo stick drying sterilizing machine is an ideal instrument for the dry and sterilization of bamboo sticks. The machine adopts a belt transmission system, which makes it easy to move and operate. It has high quality control and can achieve the required degree of drying, sterilization and cooling. In addition, the machine has a wide application range in various industries such as food processing, pharmaceuticals, medical equipment, chemical industry etc.