

# Microwave Thawing Machine

Many foods are frozen during transportation, especially some fresh foods and fruits. After freezing, they can effectively extend the shelf life of the food, prevent the food from spoiling, and maintain the original color, aroma, taste, shape, and nutritional content of the food. It also tastes similar to fresh food. Freezing can allow fresh food to travel thousands of miles away, which is very important for spreading the cuisine and culture of different regions.

After freezing, it needs to be thawed. People usually use the method of thawing to thaw, but this will produce a large number of bacteria during the thawing process, and the soluble substances of the food are easily lost. With the development of the food industry and the improvement of people's living standards, manufacturers will defrost in the thawing room, and exchange the heated frozen products with hot air, which can effectively play the role of thawing. Although air thawing can be more effective for thawing, the cost of this method is high, the loss rate of food increases, and the freshness is seriously damaged.



Frozen meat

Now the improvement of living standards makes people have higher requirements for the quality of food, and pay more attention to the nutritional value and quality of food. The traditional thawing method has been unable to provide customers with high-quality products, a new kind of thawing Method-Microwave thawing has become the most recognized thawing method.

### **What is microwave thawing?**

Microwave thawing is to use microwave energy to rapidly heat the frozen food at -42 to -18 degrees Celsius, so that the inside and outside of the frozen food are simultaneously thawed and heated to a non-drip state at -2 degrees Celsius.

Microwave thawing machine makes good use of the microwave thawing technology. Although people's understanding and development of microwave thawing technology is relatively late, this does not affect the microwave thawing equipment to become the best equipment for thawing. Once the equipment was put into use, it received feedback from many manufacturers, and we are also very happy to carry forward this technology.



microwave thawing machine

### **What are the advantages of microwave thawing machine?**

1. The biggest advantage of microwave thawing is that the thawing time is short. The inside and outside of the frozen food can be thawed at the same time, which can effectively shorten the thawing time, and can ensure that the thawing is uniform, and there will be no phenomenon of melting on the outside and freezing on the inside. Most importantly, a short time of thawing can better ensure the quality of frozen food without losing nutrients. Taking frozen tuna as an example, microwave thawing only takes 28.5 minutes, while air thawing takes 16 hours.
2. microwave thawing machine It also plays a role of sterilization while thawing, ensuring that the frozen food will not be contaminated.
3. The microwave thawing machine occupies a small area and can realize highly automated production at the same time, which can effectively help manufacturers save production costs.

The advantages of microwave thawing machines are obvious, which is why our microwave thawing machines are always in short supply. Over the years, we have invested a lot of money in research and development of microwave thawing equipment, taking the real feedback from many customers, and finally developed this equipment. Both can be thawed in a short time, and our engineers have selected the most suitable material after many experiments, which effectively reduces the production cost and provides the highest cost performance while safeguarding the quality. In order to meet the needs of different manufacturers, we have also developed a variety of equipment with different specifications.

## Specifications and models of microwave thawing machine:

Model	010	020	030
Power	20KW	40KW	60KW
Dimension	10m * 1.1m * 1.7m	13m * 1.1m * 1.7m	16m * 1.1m * 1.7m
device type	Transmission belt		
Microwave frequency	2450±50MHz		
Power	20-200KV		
Dimension	(10-42)m * 1.1m * 1.7m		
Input voltage	Three-phase AC 380V		
Weight	1.3-18 tons		
color	silver white		
Overall material	Industrial grade stainless steel		
Microwave leakage limit	≤1mW/cm <sup>2</sup>		
Operating hours	24 hours		

We have a variety of specifications to provide, you are welcome to contact us directly to understand, we will recommend the most suitable equipment for you according to your actual situation. At the same time, we can also tailor it for you. Any of your production needs, our engineers will solve it for you, because our engineers are from top universities at home and abroad and have many years of research and development experience!

Over the years of development, our [LOYAL](#) company has mastered the most professional core technology in microwave thawing. Today, our research and development level has far exceeded

that of similar companies. At the same time, our corporate goal is not only to establish our own sales network. We also hope that customers around the world will realize the power of Chinese technology and the super high cost performance of Chinese equipment. Therefore, the price of the microwave thawing machine produced by our company will definitely surprise you!



### **About the price of microwave thawing machine:**

Our equipment is made of food-grade stainless steel, and the accessories are made of internationally renowned brands, which have a super high cost performance. In order to benefit more manufacturers, our engineers have effectively controlled the production under the premise of ensuring the quality of the equipment's cost.

At the same time, in order to demonstrate the demeanor of a great country, we decided to benefit the people. At the same price, you will definitely find our microwave thawing machine 's quality is the best! What we can promise you is that our equipment must be the most cost-effective!

With super high cost performance, we have successfully established a global sales network. For example, Singapore, Canada, Pakistan, India, Russia and other countries have our long-term partners. We know that selling equipment is not our mission. Our use is to let more partners succeed. Only if our partners succeed, our company can develop more long-term!

If you have any questions, you can contact us. We will provide you with the most comprehensive answers. Of course, you are also very welcome to come and visit us. We will provide you with the most complete service and look forward to your arrival!

### **Our Services:**

1. Customer service 24h online service
2. One year warranty
3. Send engineers to communicate in your area
4. Free training and guidance
5. New technical support

Our company not only produces microwave thawing equipment, but also [microwave sterilization equipment](#), microwave drying equipment, etc., which are highly praised in the market. If you need, please feel free to contact us. We will also be committed to the improvement of technology and the promotion of global technology's development, so that more and more domestic and foreign companies can see the take-off China!