

Product Name :
Automatic Ultrasonic Frozen Cake Cutting Machine

Product Code :
MM-CHINA11003-005



Description :

Automatic Ultrasonic Frozen Cake Cutting Machine

Technical Specification :

The Automatic Ultrasonic Frozen Cake Cutting Machine is engineered specifically for high-output bakeries struggling with the structural complexities of frozen confectionery.

Traditional mechanical blades often shatter frozen coatings or smear delicate cream layers at sub-zero temperatures.

Our ultrasonic solution utilizes a 20kHz titanium alloy horn that vibrates at 20,000 times per second, creating a nearly frictionless cutting surface.

This allows for clean, mirror-finish slices through mousse, sponge, and fruit-filled layers without requiring any physical downward pressure that typically causes product deformation.

Stabilized Slicing: Operates flawlessly on products maintained at -15°C to -22°C.

High Throughput: Processes up to 120 standard 8-inch cakes per hour with zero smearing.

Hygienic Integrity: Full SUS304 stainless steel construction with IP65-rated washdown electronics.

Model Parameter: Engineering Specification

Production Capacity: 60 - 120 cakes/hour (depending on dimensions)

Ultrasonic Frequency: 20kHz High-Power Digital Generator

Blade Material: Food-Grade Titanium Alloy (Grade 5)

Power Requirements: 1.5KW | 220V/380V | 50/60Hz Customization

Control Hardware: Siemens/ PLC with Weintek HMI

Operational Temperature: -25°C to +35°C Environmental Compatibility



MachinesManufacturer China

Email us at: sales@equipmentsmachines.com