



ULTRA AUTOSONIC are Manufacturers, Suppliers, and Exporters of Ultrasonic Food Cutting Machine. We designed ultrasonic Food-cutting machines in different industries like Bakeries Products, Dairy Products, Confectionery Items, Frozen food, Snacks & Sweets, etc

- ◆ ULTRA AUTOSONIC provides an innovative ultrasonic food-cutting technology: it ensures productivity gains and the optimal quality of food slicing.
- ◆ Ultrasonic cutting is particularly suitable for soft, frozen or fresh food products such as cheeses, meats, cold meats, pastries, pastries, etc. It is also suitable for all shapes and sizes: plates, pieces, strips, layers, rounds, blocks, bread and more.
- ◆ Ultrasonic mechanical vibrations have a frequency above the hearing range of the human ear. These pressure waves are produced by a generator.
- ◆ In an acoustic assembly, the generator converts the electrical frequency of the network into high-frequency electrical energy. The booster, or amplitude amplifier, is used to increase or reduce the amplitude produced by the converter. It transmits the energy to the last element of the acoustic chain: the horn.
- ◆ The horn, a titanium-slicing blade, vibrates at high frequency. These vibrations create perfect slicing.

SPECIFICATION

Frequency (kHz)	20	40
Power (Watt)	1000/1200/1500/1800/2000	500
Cutter / Blade Size (mm)	100, 140, 170, 205, 305 mm	85 mm
Actual Weight	Approx. 22 kg	
Actual Size (L X W X H)	Approx. (483 x 458 x 238) mm	
Packaging Type and Size	Corrugated Box and Approx. Size (581 x 556 x 336) mm	

Operational Requirement

Input Power Supply	AC 230V 50/60Hz, 16Amp
CVT / Stabilizers	If the voltage is unstable then use CVT / Stabilizer to avoid damage

FEATURES

- 1. No Smearing :** While slicing, conventional cutting methods often apply pressure directly to the food items which leads to smearing of the food products.

2. No Shattering : In case of an ultrasonic cutter, the cutting motion is so swift that it eliminates any chances of shattering the food item.

3. High Speed: An ultrasonic cutter can automatically cut through the food items at a very high speed, which you can set through your material handling equipment.

4. Automatic tracking, real-time tracking of the frequency of ultrasonic cutting blade.

5. Remote access capability.

6. Independent development of a multi-axis control system.

7. Servo motor - multi-stage variable speed, adjustable cutting speed.

8. Infrared sensor protection device to protect the safety of operators.

ADVANTAGES

- ⦿ Ensures product integrity
- ⦿ Excellent Cut Face
- ⦿ Product does not stick to the cutting tool
- ⦿ High-frequency vibrations
- ⦿ Long blade life
- ⦿ Stainless steel or titanium sonotrode
- ⦿ Reduction of cleaning time

APPLICATION

◆ **BAKERY PRODUCT :** Cream Donut, Bread, Cake Roll, Cake, Pastry, Snowflake cookies

◆ **DAIRY PRODUCT :** Cheeze, Paneer, Kharwas

◆ **CONFESSIONARY ITEMS :** Chocolate-fudge-with-nuts, Swiss roll, Chocolate bar, Candy, Toffee, Peanut butter Chocolate

◆ **FROZEN FOOD :** Marshmallow, Ice-cream sandwich, Meat, Ice-cream

◆ **SNACKS :** Bhakarwadi, Dhokla, Maswadi, Sushi Roll, Sandwich wrap, Pizza, Sandwich, Mini Sandwich

◆ **SWEETS :** Kaju katli, Mysore pak, Malai sweet, Rice Bar

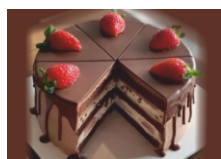
BAKERY PRODUCT



Cream Donut



Cake Roll



Cake



Bread



Pastry



Snowflake cookies

DAIRY PRODUCT



Cheeze



Paneer



Kharwas



Butter

CONFECTIONERY ITEMS



Toffee



Chocolate Bar



Candy



Swiss Roll



Peanut butter
Chocolate



Chocolate fudge
with-nuts



Chocolate Bar



Chocolate Bar

FROZEN FOOD



Marshmallow



Ice-cream sandwich



Meat



Ice-cream

SNACKS



Bhakarwadi



Maswadi



Pizza



Mini Sandwich



Dhokla



Sandwich



Sandwich wrap



Sushi Roll

SWEETS



Kaju katli



Mysore Pak



Malai Sweet

RICE BAR



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