

**Product Name :**  
Bakery Ultrasonic Peanut Candy Cutting Machine

**Product Code :**  
MM-CHINA11003-003



### **Description :**

Bakery Ultrasonic Peanut Candy Cutting Machine

### **Technical Specification :**

The Bakery Ultrasonic Peanut Candy Cutting Machine is specifically engineered for the high-impact requirements of brittle nut-based confections.

Processing peanut candy—often a dense matrix of caramelized sugar and whole nuts—presents a unique engineering challenge: preventing the matrix from cracking while simultaneously slicing through hard peanut inclusions.

Our 20kHz high-power ultrasonic system utilizes harmonic resonance to vibrate the blade tip, allowing it to penetrate the candy slab with zero lateral pressure.

This ensures that every peanut is sliced cleanly and every bar maintains a perfect vertical edge without the "shattering" effect common in mechanical rotary saws.

**Nut Inclusion Integrity:** Slices through whole peanuts, almonds, and walnuts without dislodging them from the candy base.

**Cold-Cut Technology:** Negligible heat transfer preserves the crystalline structure of the sugar, preventing melting or sticking.

**Turnkey Scalability:** Ideal for high-volume factories requiring standardized portioning for retail-ready nut bars.

**Model Parameter:** Industrial Specification

**Production Throughput:** 80 - 140 cuts per minute (Single or Dual Lane)

**Ultrasonic Frequency:** 20kHz High-Torque Industrial Grade

**Blade Horn Material:** Durability-Enhanced Titanium Alloy

**Slicing Accuracy:**  $\pm 0.15\text{mm}$  Digital Servo Controlled

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Power Requirements: 1.8KW | 220V/380V Custom Voltage Support  
Maximum Slab Height: Adjustable up to 65mm for Thick Brittle Bars  
Frame Construction: Heavy-Duty (Vibration-Damped Structure)  
Control System: PLC Interface with 100+ Recipe Memory



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