

RS 200 HS



Speed: 4–5 products/minute

The RS-200 HS is the latest ultrasonic cutting platform by Matiss.

It incorporates the most recent engineering developments, including an all-new servomotor approach providing more control, flexibility, and above all greater capacity than any other machine of its size.

Result: The new RS-200 HS has double the production capacity of competitor machines for the same footprint.

Cutting capacity: 4–5 cakes per minute

GENERAL DESCRIPTION

- Composed of a housing, ultrasonic cutting unit, and controls to cut different product types.
- Designed and manufactured to meet the most exacting food processing equipment standards.
- Designed to cut rectangular and round cakes up to the following dimensions:
Rectangular cakes: 18'' wide x 26'' long x 3 1/2'' high.
Round cakes: up to 12'' diameter and 3 1/2'' high.
Note: These dimensions are based on a Half-Wave blade. Full-Wave blades can be used to cut higher products. For more information, contact Matiss.
- European products 30'' long and smaller products are also accepted.
- The cutting system cuts rectangular products in 100 preprogrammed patterns.
- The cutting system requires flat plastic plates and consistent dimensions.



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TECHNICAL SPECIFICATIONS

- The ultrasonic unit is composed of two frequency generators, two converters, two boosters, and two titanium blades oscillating at 20,000 cycles per second.
- The housing is made of stainless steel. The unit is also equipped with safety guards with acrylic panels to reduce the risk of accidents.
- A rail-mounted, servomotor-powered mechanism moves the cutting blades with great precision according to 100 predetermined cutting patterns.
- A programmable controller (PLC) is included to control pattern configuration and other mechanisms.
- The unit automatically detects the length, width, and height of rectangular products to trim product edges, if required.
- The system automatically detects the position and diameter of round cakes on the cutting plate to cut a product even if it is not centered.
- The raising and lowering of blades are servomotor-controlled and independently speed adjustable.
- A servomotor powered rotating table holds and rotates round products for cutting. The system also cuts rectangular products diagonally.
- Safety guards with security switches are included.
- Two waste receptacles are included.
- Easy access behind the machine simplifies cleaning and maintenance.
- Cutting system requires 80 psi of compressed air and 240 VAC, 1 phase, 60 Hz electrical supply.
- System can be pressure washed.
- Parts and labor are guaranteed for one year.

