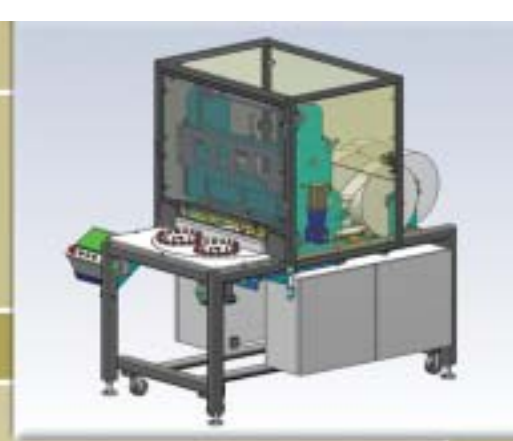


# RCPS 200

Round Cake Cutter (with or without paper insertion)



**Speed: 10–25 products/minute**

The RCPS-200 is the most advanced round-product cutting machine on the market!

This modular platform combines flexibility, strength, and performance.

**Flexibility:** for ultrasonic or nonultrasonic cutting of round products, with or without paper insertion and automated feed.

**Strength:** Made entirely of materials approved by the food industry. Design optimized for industrial application. Little maintenance required.

**Performance:** up to 25 cakes a minute!

This equipment will keep pace with your company's growth and provide years of reliable service with minimum maintenance.

## GENERAL DESCRIPTION

This cutting system is designed to slice round cakes or pies from 8" to 11" in diameter, with or without paper insertion between slices to prevent sticking during freezing.

The unit has a capacity of 10 to 25 products a minute, depending on product type and height, cutting temperature, and whether paper insertion is required. This system cuts two products at a time, rotating the products to produce the desired number of slices.

Products are placed on the cutting table manually by the operator. An optional robotic arm loads and unloads the product automatically. If paper insertion is required, two sheets per blade are pulled from a roll of paper, cut to the correct length, and placed under the cutting blades by a servomotor.

The blades then section the product and insert the paper simultaneously.

This system is designed and manufactured to meet the most exacting food processing equipment standards.



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# RCPS 200

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Designed to accommodate a variety of product sizes:

- 8'' to 11'' diameter
- Up to 4.5'' high with paper insertion
- Up to 7'' high without paper insertion

Optional custom blades for in-tray cutting and custom papers based on your specifications. A single machine can be configured for multiple diameters and thicknesses. Certain optional accessories may be required, depending on your application. For details, contact Matiss today.

The system can be programmed for up to 100 different cutting patterns.

The RCPS-200 requires plates in the product's dimensions to keep the product in place during cutting. The shape of the blade can also be customized to the shape of the mold for in-mold cutting.

## TECHNICAL SPECIFICATIONS :

- The basic system comes with two conventional stainless steel blades.
- The optional ultrasonic unit is composed of two frequency generators, two converters, two boosters, and two titanium blades oscillating at 20,000 Hz.
- The housing is made of stainless steel. The unit is also equipped with safety guards with polycarbonate panels to reduce the risk of accidents.
- The optional automatic loading and unloading system provides fast product loading on the cutting table.
- The cutting table and plate rotation are controlled by servomotors.
- A programmable controller (PLC) is included to control pattern configuration and various functions, as well as a memory with a capacity of 100 cutting patterns.



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# RCPS 200

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- The raising and lowering of blades are controlled by a servomotor and are independently speed adjustable.
- Maintenance and cleaning are controlled by the programmable controller (PLC).
- An optional modem provides access to Matiss technical support and remote troubleshooting.
- Safety guards with security switches are included.
- Easy access around the machine simplifies cleaning operations.
- Waterproof stainless steel electrical panels (NEMA 4X) are included.
- Includes ultrasonic part cooling system.
- Cutting system complies with OSHA, UL, and CSA standards.
- Matiss offers 24/7 technical support on all its products.
- System requires 80 psi of compressed air and 230 VAC, 3 phase, 60 Hz electrical supply.
- System can be pressure washed.
- Parts and labor are guaranteed for one year.



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