

# Multras

## ROBOTIC ULTRASONIC CUTTING SYSTEM FOR CAKES

Multras is the most effective and advanced ultrasonic cutting solution for round or rectangular cakes, which must be sliced into segments or portions. The high performance, triaxial movement, with absolute flexibility, allows unparalleled production levels and versatility. All of this completed by the maximum attention to easy cleaning and safety.

### TECHNICAL FEATURES

Diameter of round cakes - Width of rectangular cakes	Up to 290 mm
Cut depth	Standard 50 mm
	Special 100 mm
Number of segments in round cakes	Standard 8, 10, 12, 14, 16
	Customisable on request
Width of segments in rectangular cakes	From 5 mm upwards
Production capacity	400 round cakes/hour with 12 segments
Ultrasonic frequency	20 kHz
Control system	PLC, touch-screen display, tele-assistance
Marking	CE, CSA, UL



MADE IN ITALY

Multras

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**ABRIGO**  
ROBOTIC SYSTEMS FOR FOOD INDUSTRY



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ROBOTIC ULTRASONIC CUTTING SYSTEM FOR CAKES

Ultrasonic blades technology applied to cutting food products. The oscillation with frequency of 20,000 periods/second, which is induced in the titanium tool, means this machine can cut the product with the following advantages:

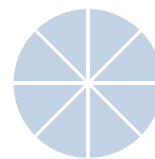
- minimum product deformation due to very low pressure of blade
- minimum cutting waste
- minimum product adherence to the blade

This means very high aesthetic quality of the cut and general hygiene of the production process. Multras is dedicated particularly to cutting confectionery and baked products, filled or with trimmings and coating, at room or refrigerated temperatures.

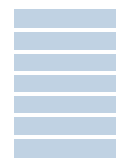
It can cut round products into segments or make transversal cuts in rectangular products. The three movement axes (product advancement, vertical cutting, blade rotation) are programmed in a way that the following can be easily selected from the operator panel: cutting speed, number of segments for round cakes, width of slices for rectangular cakes. Customised versions of the machine are available on request.



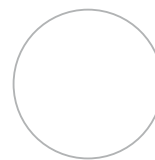
## TYPES OF CUT



CUTS INTO SEGMENTS



TRANSVERSAL CUTS



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