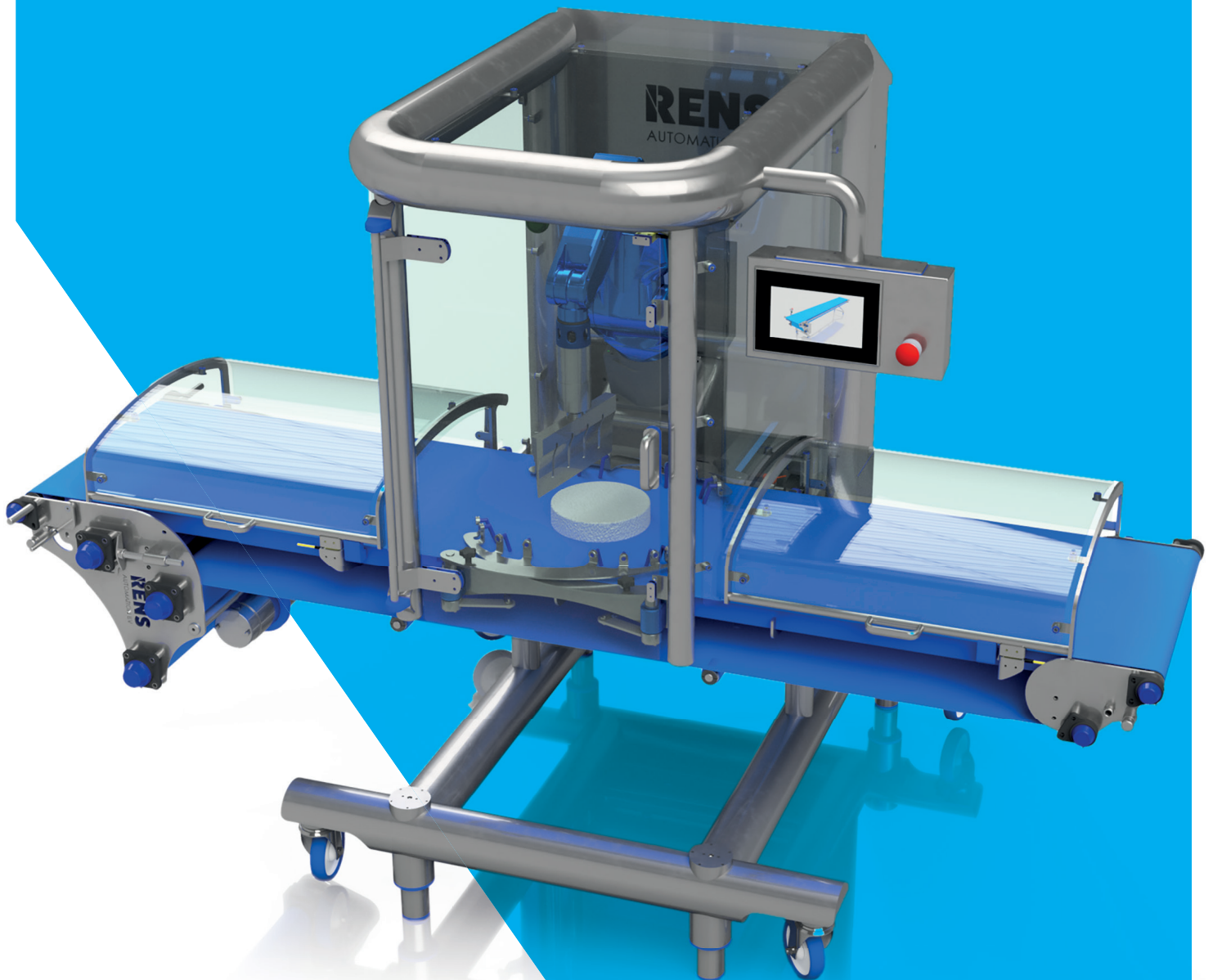
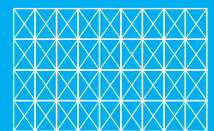


# UC-600

Ultrasonic cutting machine



**RENS**  
AUTOMATION BV



# UC-600

## Ultrasonic cutting machine

### Introduction

It remains a big challenge to cut (plate) cakes and pastries sharp and tight. Especially when it concerns different products on the same machine. Rens Automation has developed a machine that is able to cut delicate products very tight and sharp. By using a robot, the machine is also very flexible. The combination of these solutions, results in one machine that can cut round cakes and plate cakes in all sizes, without problems.

### General description

The new powerhouse from Rens Automation is called 'UC-600'. Due to the small footprint and fast movability, the machine is easy to fit into any existing production line or at any production location. Thanks to the ultrasonic cutting technology it cuts pastry very clean, tight and sharp.

The UC-600 can cut the following products:

- Round cakes and pies in points;
- Plate cake (Blechkuchen) in rectangular cubes or triangular shapes;
- Continuous supply of product (portioned) by means of accompanying cutting (on-the-fly).

Thanks to the IP69K quality mark, the entire machine is watertight and meets the highest standards in terms of food safety and hygiene. The waterproof and impact-resistant touchscreen provides ease of use and the UC-600 can be equipped with preprogrammed recipes for even faster and

steady production. The entire machine is made of stainless steel - including the motors - and has no dead corners or annoying gaps. The machine can be fully cleaned using a high pressure system. Even the touch screen is IP69K and can be sprayed and cleaned with high pressure.

### Features

- IP69K quality mark: water- and dustproof, can be cleaned with high pressure
- Change settings with 7 "IP69K HMI touchscreen
- Ultrasonic cutting technology with 6-axis Fanuc robot enables skew cutting
- Hygienic design with high accessibility for cleaning
- Transparent shielding provides a good view of the production process
- Mobile and possible to fixate on the ground

### Optioneel

- Version with conveyor belt
- Version with exchange plates
- Clamps for different products

### Dimensions and power supply

Power:	3 phases 400V 32A
Length:	2750 mm
Width:	1600 mm
Height:	1950 mm
Weight:	835 kg
Air supply:	6 Bar dry air



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