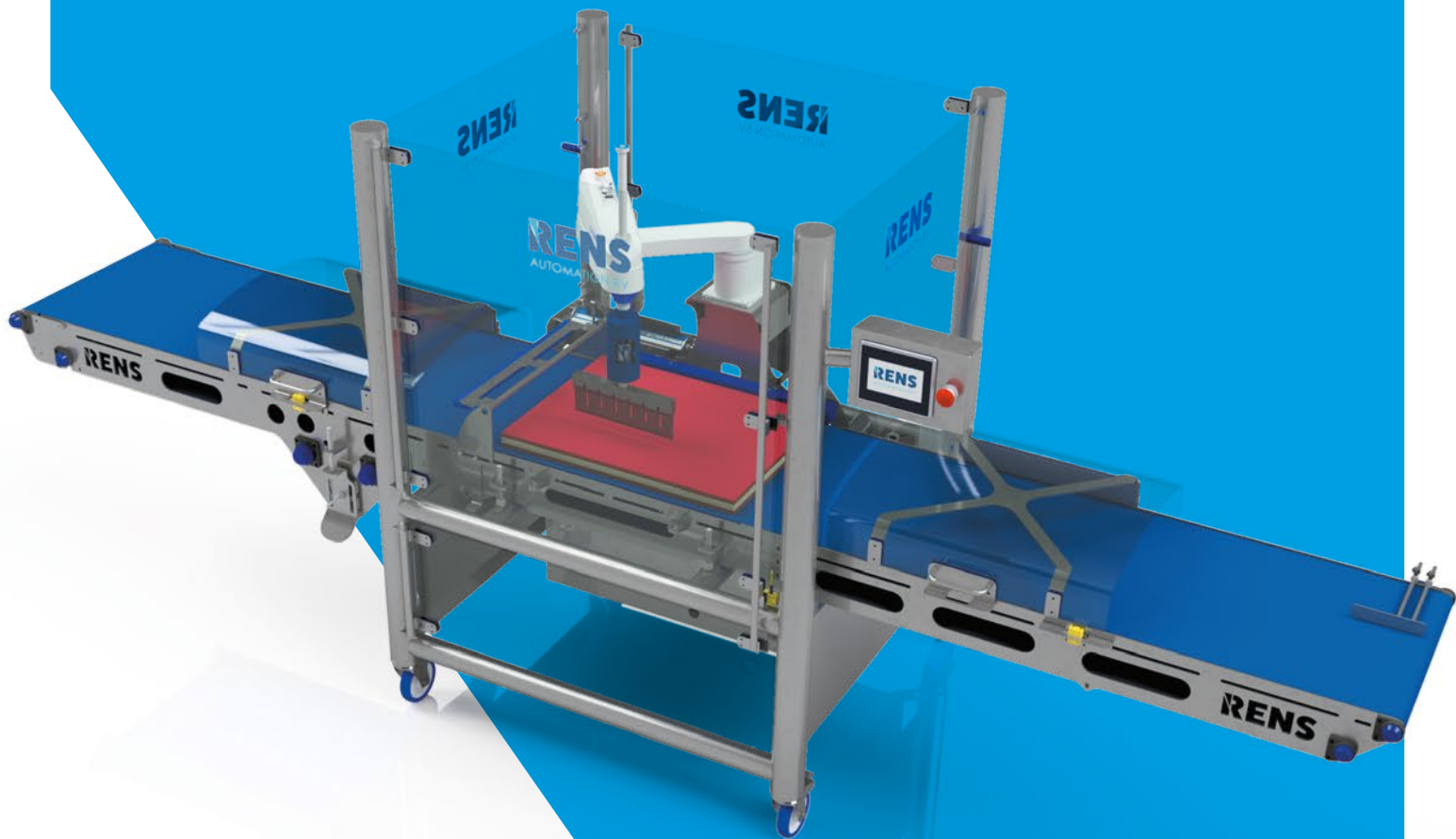
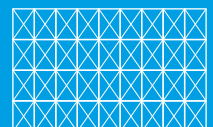


UC-600e

Ultrasonic Cutting Machine



RENS
AUTOMATION BV



UC-600e

Ultrasonic Cutting Machine

Introduction

A baker pays a lot of attention to the quality of his pastries. Taste and appearance must be perfect! Pastry products that need to be portioned, must have the same consistent high quality.

Rens Automation has developed a machine that is capable of cutting various delicate products into very tight cuts. By using a robot and ultrasonic knife, the machine is very flexible. This combination results in one machine that can cut round pastry (pie and cakes) and traybakes in all sizes.

General description

The new powerhouse from Rens Automation is called 'UC-600e'. 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 innovative UC-600e can cut the following products:

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

The machine meets the highest standards in terms of food safety and hygiene. The waterproof and impact-resistant touchscreen (IP69K) provides ease of use and the UC-600e can be equipped with preprogrammed recipes for even faster

and steady production. The entire machine is made of stainless steel - including the motors - and knows through the hygienic design no dead corners or inaccessible places.

Features

- Features a 7" IP69K HMI touchscreen
- Ultrasonic cutting technology, powered by a SCARA-robot, enable to cut various shapes
- Hygienic, accessible design for easy cleaning
- The transparent shielding gives a good view of the pastry and the cutting process
- High reliability
- The machine has a modular structure, which means that this simplicity can be made customer-specific
- Fast product change possible
- Mobile

Optional

- Version with positive drive conveyor
- Version with changable trays
- Clamps for various products

Dimensions and power

Power:	3 phases 400V 16A (optional 230V)
Length:	to customer requirements (min. 1300 mm)
Width:	1460 mm
Height:	2000 mm
Weight:	min. 656 kg
Air supply:	6 bar dry air

