HOUSEHOLD

# ULTRA SONIC

## WELDING AND CUTTING TECHNOLOGY

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rinco® ultrasonics

*Technology **that moves***

# DESIGN & SURFACES

The field of household technology is a very diverse one. Short product life cycles and innovations demand the highest degree of flexibility.

Ultrasonic welding machines from RINCO ULTRASONICS are ideal when it comes to being flexible. Our machines are fitted with a quick-change system, which allows you to replace tools within the shortest period of time. And thanks to the modular construction of our components, a manual workstation can be developed into an automation line at any time.

We will be happy to help you optimise your process cycle as well as the weld seam on your products. We are at your service with our many years of experience and our research laboratory.

# VERSATILE
# AND PROCESS-OPTIMISING

- **No additives** that could pollute the environment
- **Economical, energy-saving** and **efficient** thanks to short process cycles
- **Consistent and accurate welding results which can be reproduced** thanks to recording software
- **Audit trail function** for complete traceability and quality assurance
- **Very short maintenance times**

**ULTRASONIC WELDING TECHNOLOGY**
**Welding, riveting, punching, die-sinking, bending and sealing** can all be carried out on **thermoplastics and copolymers** in the form of moulds or flexible shapes. A particularly suitable operation here is **embedding**, which allows **metals and plastic components** to be joined without pre-heating the metal components or damaging the application. **Cutting, punching, sealing and welding** can also be carried out on **technical textiles and non-woven materials.**

**EVEN DIFFERENT TYPES MATERIALS CAN BE JOINED TOGETHER**

**CONVENTIONAL WELDING OF THE SAME MATERIALS**

**RELIABLE AND TIGHT WELDING RESULTS IN ALL AREAS**

DEPENDING ON THE APPLICATION,

# 1 MILLION

WELDING OPERATIONS POSSIBLE

## OUR TOOLS – WELL-CHOSEN MATERIALS, SUITABLE COATINGS, LOW WEAR AND TEAR

Our tools are custom-developed and calculated and simulated using **FEM analysis**. They are made from select materials. Their high quality guarantees a long service life. Thanks to our **quick-change system**, tools can be replaced **within just a few minutes**, reducing downtimes to a minimum.

## AUTOMATION & INTEGRATION

Thanks to the modular construction of our components, a manual workstation can be developed into an **automation line** or integrated in a **special purpose machine** at any time.

**CLEAN WELD SEAMS EVEN IN PLACES YOU WOULDN'T EXPECT**

ELECTRICAL MOTION

**Since its foundation in 1976, RINCO ULTRASONICS has been developing and constructing machines and generators, as well as components and tools, to the highest levels of precision and quality for ultrasonic solutions.**

STANDARD 3000

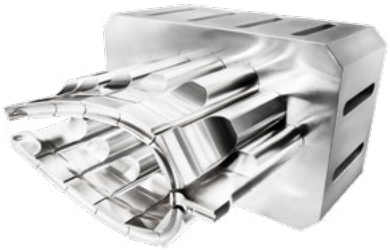
RINCO ULTRASONICS offers tailored solutions where there is a need for a high degree of efficiency and precision, a high processing speed, reproducibility, as well as a manageable investment volume. This also includes pilot trials in the laboratory, which involve testing the product and developing optimal solutions.

We also invest our many years of experience into the development of new and innovative products, and this guarantees our customers the ideal solution to meet their requirements every time. Our company is also certified in accordance with ISO 9001, ISO 13485 and ISO 14001, and is therefore familiar with high quality standards and quality assurance, with expert project management for sectors including the medical industry.

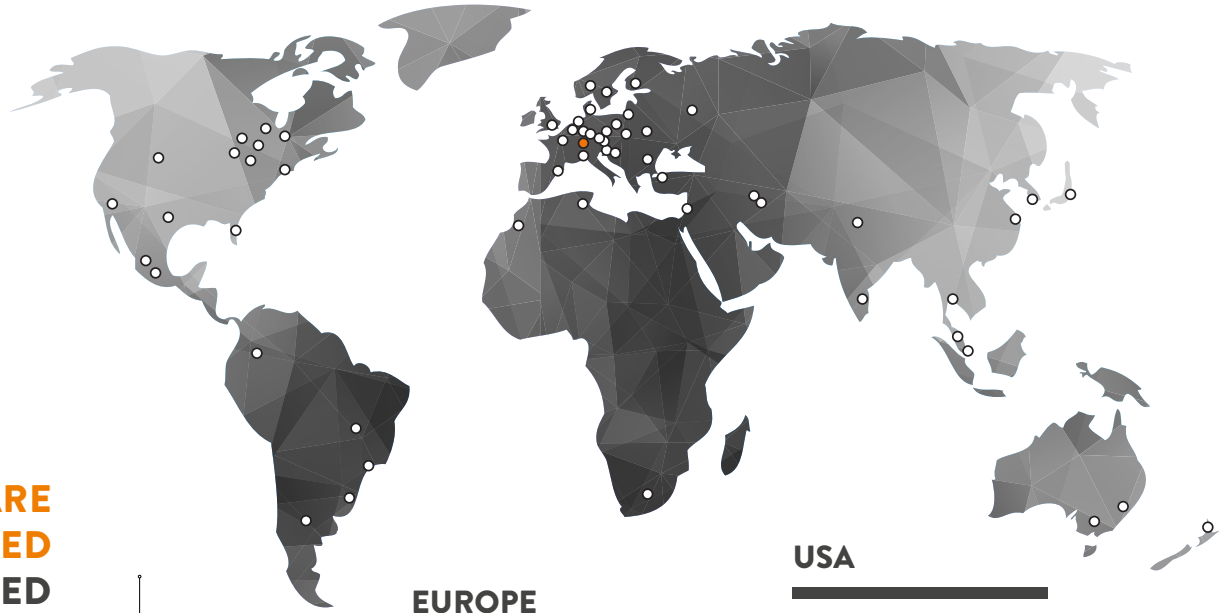
The global network of representatives and subsidiaries ensures that the established RINCO after-sales support team is always on-hand to provide the highest degree of security and process reliability. RINCO products are virtually maintenance-free and demonstrate long service lives.

## ECONOMICAL, ENERGY-SAVING & EFFICIENT TECHNOLOGY

The right device for every application. We provide you with tailored technology. Contact us and we will be happy to advise you.



MULTI-PART HORN FOR LARGE COMPONENTS



**WE ARE**
**FOCUSED**
**COMMITTED**
**GLOBAL**
**LOCAL**

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Swiss technology

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