

PACKAGING



ULTRA SONIC

WELDING AND SEAL TECHNOLOGY

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rinco[®]
ultrasonics

Technology **that moves**



**THE HIGHEST LEVELS OF
QUALITY AND PRECISION: WITH
VERSATILE ULTRASONIC WELDING
TECHNOLOGY TO CREATE A
QUALITY PRODUCT**

**The highest levels of quality
for welding results, well-
chosen materials** for tools
and **absolute process control**
thanks to recording software
for **validation purposes and
quality assurance monitoring.**

RINCO offers you everything
you need for a production
process at the highest level. Our
components can be integrated
into production lines quickly and
with ease.

WELDING TECHNOLOGY WITH A WHOLE HOST OF ADVANTAGES



**ATTRACTIVE
SEALED SEAMS**

- Gentle welding process that does not heat the product.
- No problems with product build-up around the seam in food industry applications. And the seam is of perfect quality.
- **Narrow sealed seams** and therefore **material saving**.
- **Optimization of the process** thanks to a high process speed and short process cycles.
- **High flexibility** thanks to the modular construction of our components.
- **Economical, energy-saving and efficient**.
- **Consistent and accurate welding results which can be reproduced** thanks to recording software.
- **Very short maintenance times**.

ULTRASONIC WELDING TECHNOLOGY

Welding, punching and sealing can all be carried out on **thermoplastics and copolymers in the form of moulds or flexible shapes**. In the packaging industry these include **tubes, bottles, bags, blister packs, cardboard packaging, trays, films, double packaging** and much more.



**ULTRASOUND RELIABLY
SEALS PACKAGING**

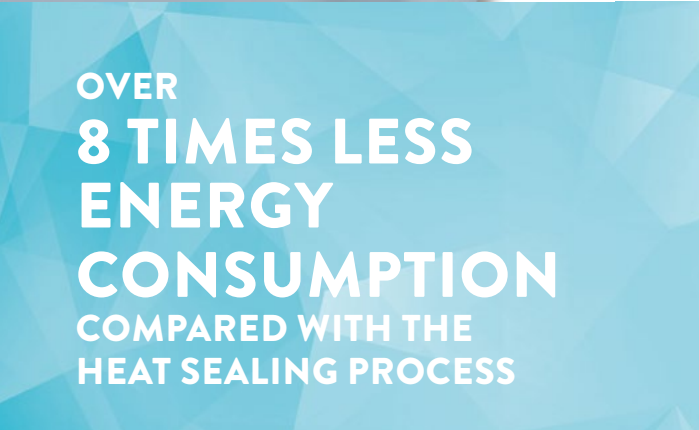


**CUSTOM SEALED
SEAM CONTOUR**



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 and are therefore also suitable for cleanrooms. 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.



OVER
**8 TIMES LESS
ENERGY
CONSUMPTION**
COMPARED WITH THE
HEAT SEALING PROCESS

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.



OPTIMUM WELDING RESULTS





FPA 4500-T



AGM



ABW

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.

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.

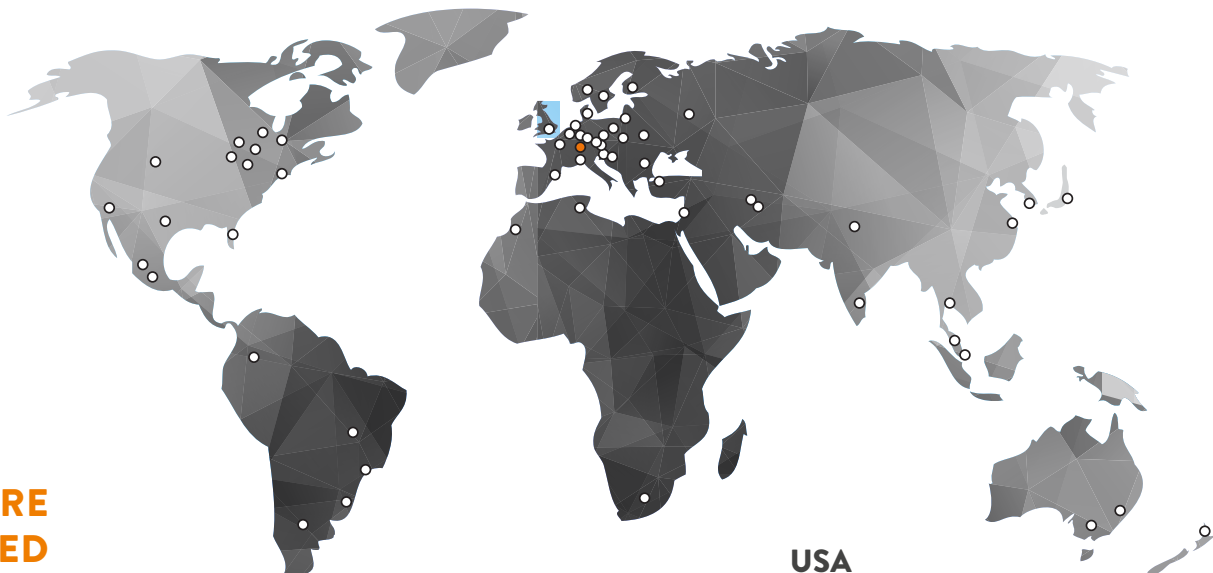
We also invest our many years of experience into the development of new and innovative products, and this guarantees our customers the ideal solution to meet their requirements every time. Our company is also certified in accordance with ISO 9001, ISO 13485 and ISO 14001, and is therefore familiar with 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.

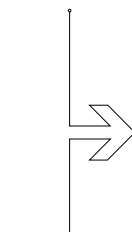
ECONOMICAL, ENERGY-SAVING & EFFICIENT TECHNOLOGY

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





**WE ARE
FOCUSED
COMMITTED
GLOBAL
LOCAL**



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