

ULTRASONIC + PULSE WELDING

We offer welding services with ultrasonic welders from RINCO and SONIC ITALIA brands, pulse welders and the labour force to ensure small-series and custom production

ADVANTAGES OF ULTRASONIC WELDING TECHNOLOGY:

Economical, energy-saving, efficient

Short process cycles
High processing speed

Environmentally friendly

No need to add additional additives - bonding materials and adhesives

High-quality

Consistent, durable, and precise welding results

Clean

Welding does not soil, so it is possible to weld, divide, and perforate various surfaces without damage

Ultrasonic welding, dividing, and perforating:

- parts of medium to large dimensions made of amorphous and semi-crystalline polymers
- blister packs, foil packaging, and cartons (safe welding of lacquered, textured or polished surfaces without damage)
- woven and non-woven textiles with a certain proportion of thermoplastic fibers
- belts and straps made of thermoplastic materials

Pulse welding:

- sealing bags, packaging, foils, hoses, and tubular bags made of LDPE, HDPE, PP

Possibility to provide production of sonotrodes and fixing devices according to customer specifications.

Our facility is not adapted to the requirements for welding in clean and sterile conditions (pharmaceuticals, laboratories, healthcare, food industry). The current technology available in our production does not allow us welding process so-called "in motion" welding, i.e., welding requiring specific power settings during the welding process, e.g., embedding threaded inserts and other types of inserts into parts, etc. If you have any further questions, do not hesitate to contact us.

CONTACT US



Pikarec reg. No. 14
592 53 PIKAREC

Jiří Libra – Executive Director
g3czech@gmail.com
+420 606 731 831

Petr Zdražil – Production manager
petr.zdrazil.g3czech@gmail.com
+420 608 729 574



www.g3czech.cz