

Market leader in building customized ultrasonic machines for the automotive industry

- Development and production of customized machines for joining and punching interior and exterior parts
- Building standard and special machines, based on ultrasonic, hot plate, infrared and hot air technology
- More than 50 years of experience in joining plastics and approx. 150 tailor-made special machines per year



Customized special machines iSONIC CM

Individual and tailor-made machines for the industrial processing of interior and exterior parts, e.g.:

- iSONIC FLEX: Automated production lines upon request, with interchangeable tools, placement of the parts, intelligent unloading handling, conveyor belt etc.
- Moving top platen machines
- Sliding table machines
- Rotary indexing table machines
- Cassette machines with interchangeable working areas
- Robot systems

Standard machines

- iSONIC ECO FLEX: Modular cabins with individual working area for small and medium-sized parts
- iSONIC ECO: Bench-top machines with a feed unit for small components
- iSONIC ECO TM: Tabletop machine with servo drive and open control concept
- iSONIC WAVE HSG: Ultrasonic handheld welding device

Ultrasonic components and systems

100% SONOTRONIC: production according to own design and in-house manufacture to high quality standards at our own production center:

- Converters
- Sonotrodes
- Boosters
- Parts nests
- Feed units
- Ultrasonic generators

Ultrasonic welding, riveting and punching

- Interior:
 - Door panels, instrument panels, instrument clusters, center consoles, A-B-C pillars, airbag covers, steering wheels, steering column cover, wind deflector, door openers, window controls, entrance lights, navigation modules, composites such as textile/PUR, slush/PUR/ABS etc.
- Exterior:
 - Bumpers, headlight glass, wheel arch cover, underbody cover, parking sensors, headlight washing systems, sidemarker lights, trailer couplings etc.

Additional applications and technologies

- Ultrasonic:
 - Cutting and welding of fleece filters, cutting-to-length and sealing belts, embossing emblems, working thermoplastic textiles for the automotive industry etc.
- Hot plate:
 - Hot plate welding top and bottom trays of glove compartments etc.
- Infrared or hot air:
 - Riveting interior parts in door panels



Linked with success: tradition. progress. future. Made in Germany.

With innovative energy and always with an eye to quality, we at SONOTRONIC GmbH, design and produce machines, components and systems for joining plastics by ultrasonic. Our products are used world-wide by well-known OEMs in the manufacture of plastic interior and exterior parts in the automotive industry. Above and beyond this, SONOTRONIC also develops and manufactures Hi-Tech ultrasonic systems for the plastics, packaging, foodstuff, textile, medical and environmental industries. Alongside our dedicated team, we actively pursue sustainable and future-proof connection technologies. Our technology company, headquartered in Karlsbad, operates with branches in Spain, the United States, and China.



Current data

- CEO: Marc Hägele, Yongwu Chen
- Year of foundation: 1974
- Number of employees: 170
- Export ratio: 60 %
- Quality management: EN ISO 9001
- Environmental management: EN ISO 14001

Industry solutions

- Automotive
- Plastics
- Packaging & Food
- Technical Textiles
- Environmental

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