

Application example Beverage packaging

PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
<image/>	Va ab e. • • • • • • • • • • • • • • • • • •	ask arious joining tasks have oly on beverage packagi g.: Longitudinal welding of Transverse welding aft Welding in the nozzle ling systems have a cap hich places heavy dema ess and data logging. If nd removed. Dution everage packaging is se sing the ultrasonic weld dvantages compared w onotrodes are produced ompatible with foodstur oncerned. To generate a onverters and modular l and power classes. Onfiguration advantage hanks to vibration damp ates the sealing heat fr sult, it is characterised of just capable of weldi low leak-proof connect gh level of process relia onverters with sonotroo grated into filling syste ance and load condition indows, play a key role i leaky packaging.	ing made from plastice of overlap seam ter filling pacity of several thousa unds on the cycle time possible, leaky packs h haled tight and nozzles ing method. This offer ith alternative joining I from a tough titaniu ffs. These are specific the ultrasonic waves, MAG generators with ges bing, the ultrasonic w om inside the packag by very short process ing contaminated seal tions to be achieved the bility. The component les and MAG generat ms. The rapid response ins, and the process partices and inson the process partices and partices and inson the process partices and the process partices and inson the process partices and partices and inson the process partices and partices and inson the process partices and partices and partices and partices and inson the process partices and partice	elding method gen- ing material. As a times. Ultrasonics are ing areas; they even hrough liquids with a ts, such as ultrasonic ors, can be easily in- se to alternating reso- arameter tolerance

These applications were solved using modular ultrasonic components, which were integrated into fully automated filling and sealing systems with a bus connection.

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