

Application example Cardboard headers on packaging

The application was solved on a USP3000 20 kHz ultrasonic welding system with a MAG generator and TCS5 process controller/appropriate components, which were integrated into a special system with a

bus connection.

PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
	Tr A th th tir Sr Th D re w m gr d dr c	ask cardboard label header rey have been filled and nin plastic film. The high mes. olution he label headers are we ue to the size and the a elies on 20 kHz compon relding area of the sonce nise the amount of ener enerators are optimised epth of 300 mm. The w connection or the TCS5	r has to be attached to l sealed. The cardboard production capacity re elded onto the packagi amount of power requ ents with a power rati otrode has a spot welc rgy required. The mod d for installation in con relding process can be process controller.	tubular bags once I is coated with a equires short process ng using ultrasonics. ired, the solution ing of 2.4 kW. The ling contour to mini- ular ultrasonic MAG trol cabinets with a controlled via a bus
	Co Th is th tir pe er da Ve re	onfiguration advantages the process of welding of very challenging from thermal sealing process is mes would be relatively enetrate the cardboard thergy is generated from amping. In turn, this en- ted. All relevant process that time and – if necess	ges coated cardboard onto the perspective of sho s theoretically possible r long because it takes . With the ultrasonic v n inside the cardboard hables very short weldi parameters can be mo ary – evaluated statisti	 plastic packaging rt cycle times. A but the process time for the heat to velding method, the and plastic thanks to ng times to be achie- onitored, read out in cally.

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