

## Application example Livestock identification

PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
	Th th gr is stu ww Sc Th US a l ar fo W	e memory chip for lives e two-part polyamide h ammed for the relevant a robust, weather-resis fucture. The welded con ater. <b>Solution</b> e connection task was SP750 ultrasonic weldin maximum power of 120 nide requires a high am re uses a sonotrode ma elding projects can be reen with the TCS5 pro	nousing. The identifica t animal, is fastened t tant thermoplastic wi nnection must be imp carried out in a near- ig system with a freq 00 W. As a semi-cryst plitude for welding a ide from a high-stren conveniently program	ation, which is pro- o the ear. Polyami th a semi-crystallin permeable to splash field process on a uency of 35 kHz an alline plastic, poly- nd the process the gth titanium alloy.
	Th an ec wi wi qu du	e ultrasonic welding te norphous or semi-crysta onomically. If necessary thout any problems wit elding system. The TCSE ality with diverse moni- ral system as a manual action line.	chnology joins plastic alline structure – quic <i>i</i> , the welding process h individual compone 5 process controller en toring options, wheth	kly, reliably and s can be automate nts of the USP750 nsures high weldin ner it is in an indivi-
e application was produced on a USP750 35 elding system with MAG 1200W generator a				

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