

Application example Cutting sandwiches without squashing them

PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
		Task The industrial cutting of t mands on the cutting tec triangles, none of the lay cut surface must look nea sible and high cutting spe Solution An ultrasonically vibrating product and the knife are 20 kHz sonotrode with a converter and MAG gene The components are inte and operate continuously	riangular sandwiches hnology. When the so ers must get squashed at, the knife must rem eeds must be achieved knife reduces the fric ea. The ultrasonic knife sharp blade and slim grated into an autom 2	places heavy de- quares are cut into d. What's more, the aain as clean as po d. tion between the e takes the form c cutting body. A P2 prate ultrasonically atic cutting system
		Configuration advantag The significant reduction cutting force can also be face. The ultrasonic vibra the sonotrode so that vir to it. The lower level of fr considerably. The genera notrode is faulty, causing	Jes in friction during cutt reduced, resulting in tions constantly clean tually no bits of sandw riction also increases t tor immediately detec the system to shut d	ing means that th a very neat cut su the cutting area o vich can get stuck he life of the blad :ts when a knife so own.

The application was cut using 20 kHz ultrasonic components (such as a knife sonotrode, a 1.2 kW module, a MAG generator and a converter), which were integrated into a special system.

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