

News

Packing pasta with ultrasonics

Simultaneous welding of the head and bottom seal with ultrasonics

PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SCREENING



Italy is the land of pasta. Spaghetti is the most famous type of pasta in the world.

Spaghetti is typically packed in horizontal packaging machines. It is becoming ever more common for pasta to be cut into equal lengths and pre-proportioned with ultrasonic sonotrodes after it has been dried. In the next process step it arrives on a conveyor belt and is packed in a tubular bag.

At this station the head and bottom seal of every bag are simultaneously welded with ultrasonics and separated from one another at the bottom by a mechanical knife.

Why ultrasonics?

Although this packaging does not need to be completely tight, ultrasonic technology is used to ensure that any spaghetti left behind in the welding zone during the packaging process is eliminated. Thanks to the many complaints from end customers in the supermarkets, here Telsonic, in conjunction with Altopack S.p.A., has been able to conquer a new market segment for ultrasonic applications.



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