

Press Release

New Telsonic Ultrasonic Cutting Blade Boosts Efficiencies In Tray Bake Product Portioning

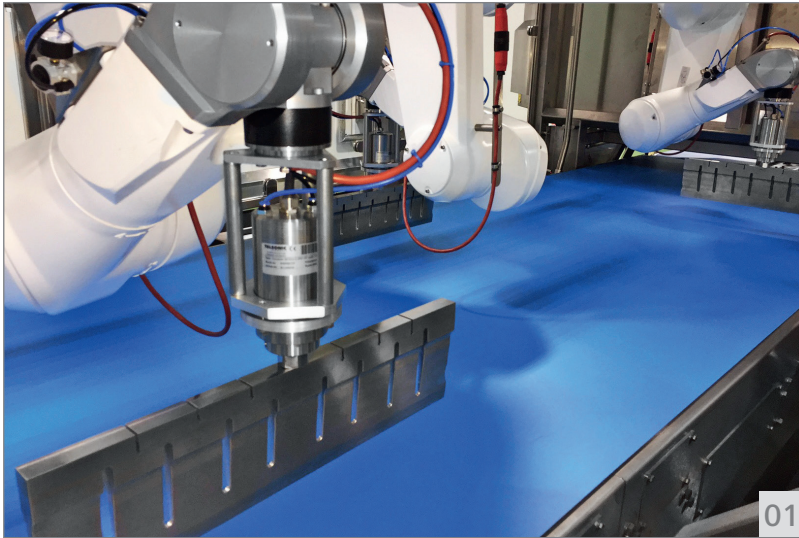
PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SCREENING



With the consistency and quality of ultrasonic cutting and portioning becoming more widely recognised, and as the range of applications continues to increase, Telsonic has now developed the widest blade available today, further increasing the efficiencies and capabilities of this process when used for tray bake products.

The many advantages of ultrasonic cutting and portioning over traditional cutting blades has seen this technology become the process of choice for many applications. The ease of integration with six axis robot systems has made it possible to develop highly flexible cutting and portioning systems, taking the technology into many new application areas.

However, even with this combination of leading edge technologies, food manufacturers still face continued pressure to improve efficiencies, increase productivity and reduce costs. In response to these demands, Telsonic has developed the largest ultrasonic cutting blade available on the market today, which, when applied to tray bake applications, generates significant savings in cycle times.

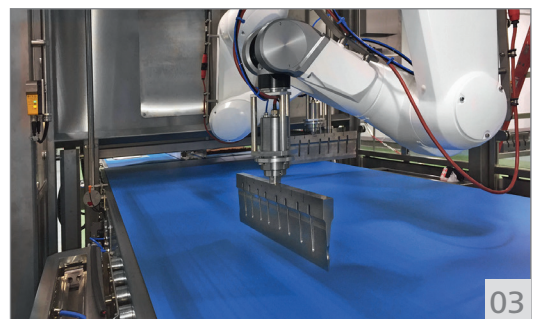
At 760mm in length (approx. 30 inches), this large blade has been designed to match the dimensions of the trays used to bake a wide range of products. Previously the largest blade available was 500mm (approx. 20 inches) and whilst the clean cutting performance of ultrasonic technology brought many benefits, and this size of blade suited the 18 inch tray dimension, multiple cuts were still required to portion product on the longitudinal (30 inch) axis of the tray.

The new larger blade is able to cut and portion the full 30 inch length of the tray in a single operation, effectively reducing the time required for longitudinal cutting by 50%. This configuration delivers better utilisation of the system and allows higher throughput levels to be achieved without any additional capital investment.

More information on food cutting, and the modules and systems available from Telsonic can be found [here](#).

About TELSONIC AG Bronschhofen

Telsonic AG is an international enterprise in the field of industrial ultrasonic technology and one of the global market leaders. Telsonic offer a comprehensive range of ultrasonic modules and systems for a variety of food cutting, plastic



- 01 The new 760mm blade from Telsonic further enhances
- 02 the efficiency and productivity from robot mounted
- 03 ultrasonic systems used on tray bake products.

welding, sealing, textile cutting, powder screening, metal welding and cleaning applications. The company, which was founded 50 years ago and is based in Bronschhofen (Switzerland), employs approximately 200 staff worldwide, and has subsidiaries in the UK, Germany, the U.S., China and Serbia, as well as representations in many other countries. Telsonic handles the entire product development and manufacturing itself with professional expertise. Our reliable technical service rounds out our offer. This is possible thanks to our many decades of expert know-how.

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Pictures

We will be happy to provide you with the high-resolution pictures used in this press release.

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