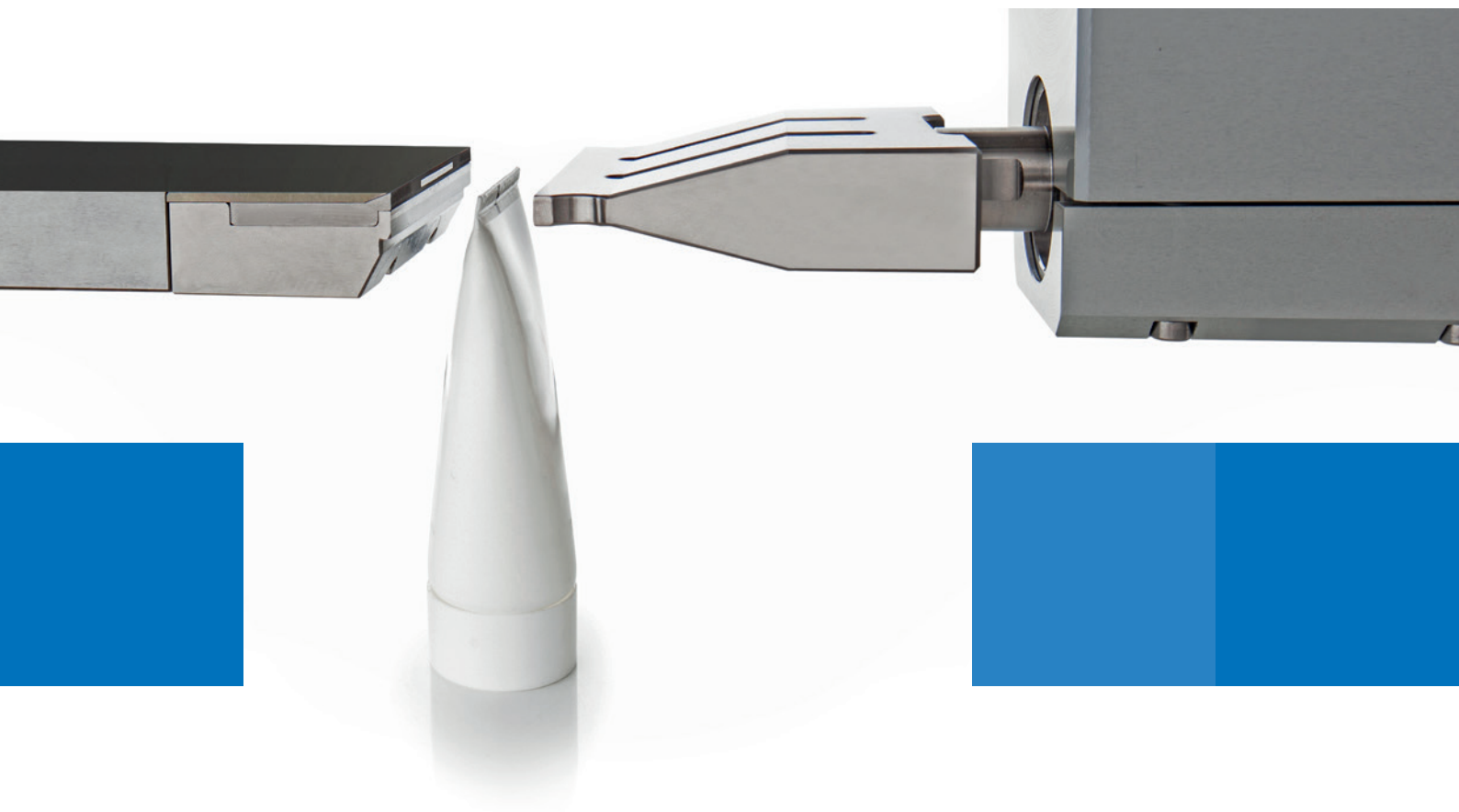


Tube Sealing Unit TSE
The Ultrasonic Sealing System for Tubes



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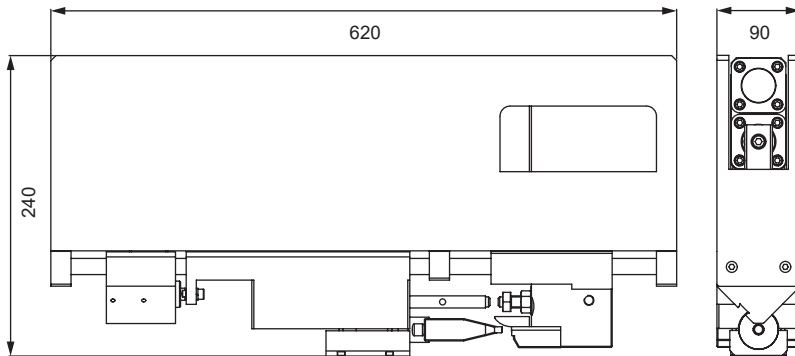


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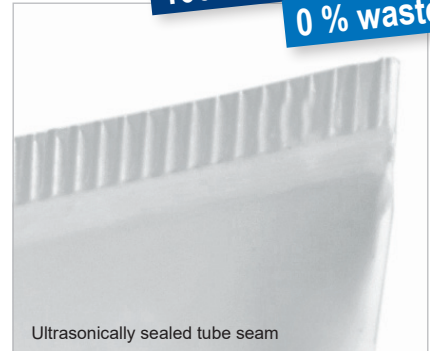
Ultrasonic Tube Sealing Unit TSE

Compact module for integration into filling lines

Tubes and complex laminate structures can be tightly welded or sealed with the individually adapted tool contours of the tube sealing unit. The highly compact, slim unit can easily be aligned with a module package for multi-web presslines.



100 % tight seams
0 % waste



Ultrasonically sealed tube seam

Technical data

Max. sealing width [mm]	90
Max. stroke [mm]	2 x 30
Max. closing force [N]	430
Number of cycles [cycles/min] at max. stroke	12
Max. air pressure [bar]	6
Reach on anvil side [mm]	164
Reach on sonotrode side [mm] at 35 kHz	456
Dimensions of sealing tongs WxHxD [mm]	90 x 240 x 620

Advantages

- 35 kHz ultrasonic technology
- Ultrasonic tools and sealers in one unit
- Complete system for integration in bottler lines
- Continuous guide system for vibrator structure and anvil
- Plane-parallel system of sonotrode and anvil
- Sealing strength adjustable between 50 – 430 N
- Interfering contours above tool level (not in the seal area)
- Optional fixed stop



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