

Ultrasonic Cutting Tool

Sonicz

Expand your market opportunities

Both existing and new customers of Zünd cutting systems can benefit from the Sonicz tool which lends itself to new industry segments as well as traditional applications such as processing of reflective, composite materials, line and spot welding.



Increase your market potential



Used in the processing of prismatic, reflective materials for emergency traffic fleets and road signs where high conspicuity is essential. The Sonicz tool uses a specially developed range of tooling to cut and edge seal the reflective materials in a single cutting pass giving a guaranteed seal and longevity to the finished product.

The Sonicz tool also has huge benefits in the aerospace, motorsport and composites industries cutting the majority of pre-preg, carbon fibre and kevlar materials currently used in production processes. Specially developed knives give excellent cut quality on all types of materials from uni-directional through to woven.

Utilising the unique characteristics of ultrasonic technology, the high frequency oscillation generates heat. Therefore, applications for line and spot welding of materials can be produced.



In applications where sealed or finished edges is a prerequisite, the Sonicz tool in combination with the cutting surface will offer a solution.

As one of the family of the Systemz products, it compliments Nestz and Capturez offering the customer a total solution for many applications.

Specifications:

Converter:

Operating frequency
35 kHz

Max. power output

100/400/600/900/1000/
1500/2000/3000 W

Weight

7 kg/15 kg



Transducer:

Operating frequency
35 kHz
Air cooling
Auto cut out option

