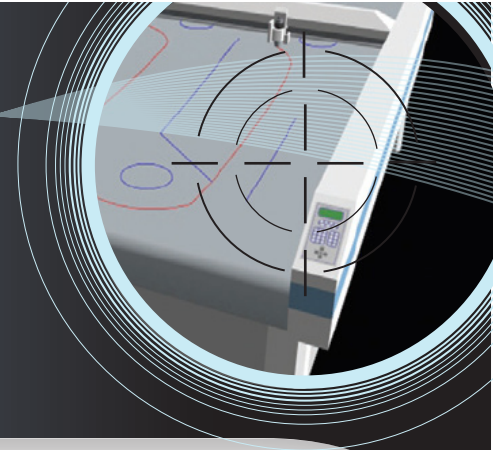


Sonicz

Ultrasonic Cutting Tool



Opens markets by expanding cutting production into new materials



The Sonicz tool works in new areas to path find a solution for materials that previously could not be finished by standard cutting techniques. The Sonicz tool is available as a new cutting method for all of the current range of Zund cutters and can be specified with a new Zund Cutting System or as a retrofit, integrating seamlessly into both the G3 Universat Tool Modules and the PN Tz tool heads.

Optimize your way of digitizing. Let us prove it.

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The Sonicz tool lends itself to new industry segments to owners of Zund cutting machines as well as traditional applications such as processing of reflective, composite materials, line and spot welding.

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, motor racing and composites industry 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 cutting, high frequency oscillation that generates heat, applications for line and spot welding of materials can be produced for encapsulation purposes.

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

One of the family of Systemz products, it shoe horns into the Capturez and Nestz combining a complete solution or is available as individual systems.



Specifications:

Convertor:
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

