

# Always one cut ahead Zünd Digital Cutting Systems



 Your first choice in digital cutting.



**KSM**  
solutions for your cutting problems  
**ZÜND**  
swiss cutting systems

Dynamic markets demand  
ultimate flexibility



Where strict quality requirements  
meet challenging materials

You conduct ground-breaking research in composites, develop products and the perfect methods for manufacturing them...  
You build prototypes or produce highly specialized components in short

series for customers with the most stringent quality requirements...  
You are confronted with the challenges of producing light-weight building products in large quantities...  
Zünd can offer you a modular, flexible, cost-effective expandable cutting system for processing various materials with impeccable precision.



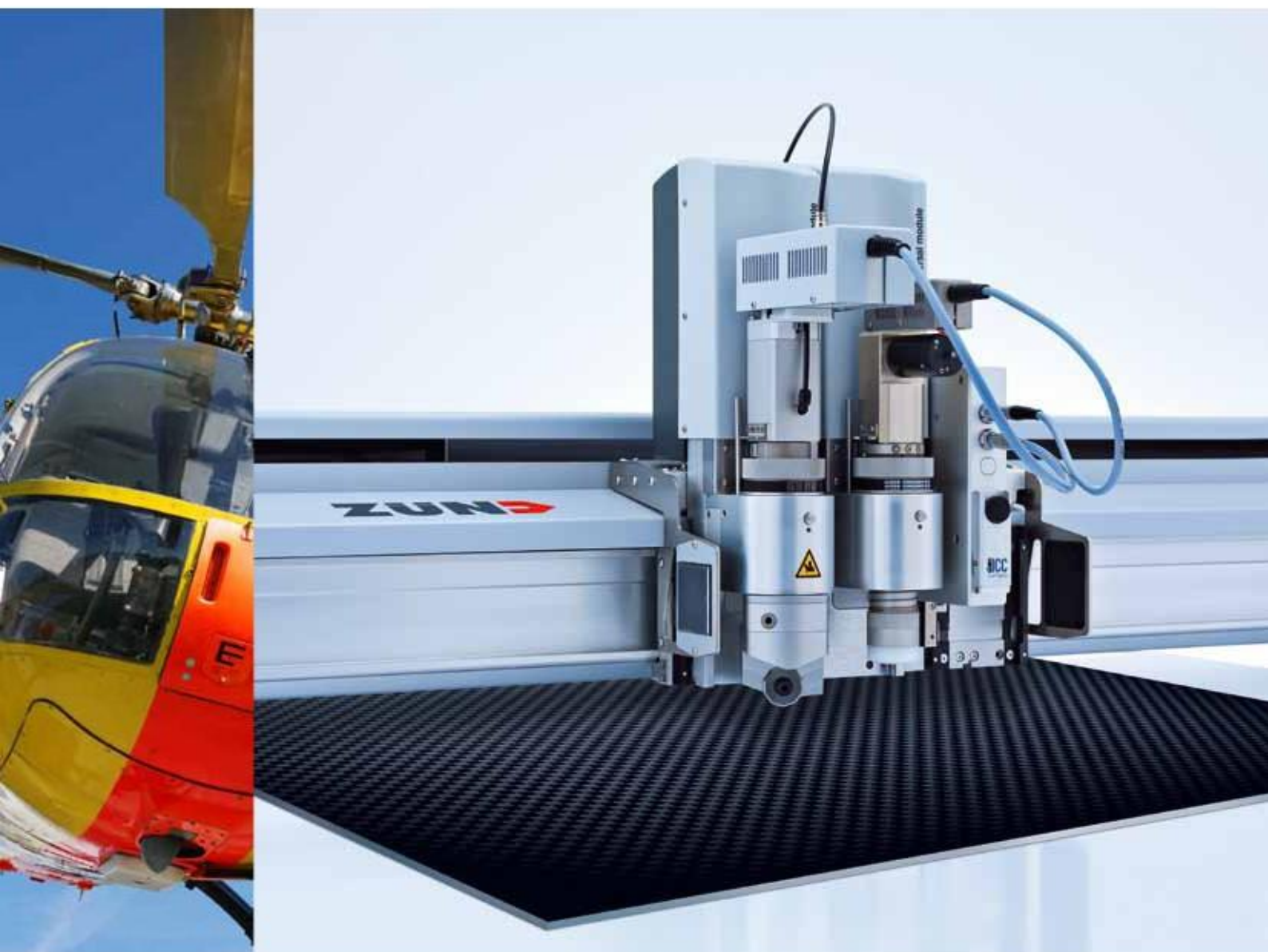
1  
Carbonfiber  
woven, knitted or uni-  
directional textile structure.  
Single and multi-ply.



Your partner in digital cutting.

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6



2  
Honeycomb  
boards from paper,  
cardboard, plastics or  
aluminum.



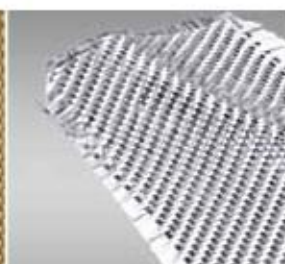
3  
Structural foam  
core-, sandwich-  
materials.



4  
Prepreg  
pre-impregnated fiber.  
Semi-finished product of  
carbon or glass fibers and  
a non-hardened duro- or  
thermoplastic matrix.



5  
Aramidfiber  
Kevlar™ woven, knitted,  
or uni-directional textile  
structure. Single and multi-  
ply.



6  
Glasfibers  
woven, knitted or uni-  
directional textile structure.  
Single or multi-ply.

A wide range of applications  
demand maximum adaptability



## Where the need for productivity meets a vast variety of materials

Zünd cutting systems are high-precision machines that are exceptionally reliable and require very little maintenance. They combine the latest in cutting technology with the powerful Zünd Cut Center software to deliver remarkable productivity. To accommodate diverse applications and guarantee maximum

flexibility at all times, tool changes can be performed in a few quick and easy steps.

Zünd cutters come in working widths up to 3.2 m/125". Automatic material-handling options, such as the center winder and a range of other roll-feed devices, facilitate processing of unwieldy and large-format rolls, e.g. PVC-film for truck tarps. Digitally cutting these flexible materials is significantly faster, more reliable, and reproducible than cutting them by hand. This results in maximum productivity.



1  
PVC film  
printed or unprinted.



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2  
Garment fabrics  
cotton, polyester, velour,  
net, toweling materials,  
spacer- or micro fabrics.



3  
Rip-Stop  
reinforced nylon fabrics.



4  
Balloon materials  
silk, polyester, polyamides.



5  
Awning materials  
coated polyester, cotton.



6  
Felt materials  
non-woven cotton or  
synthetics.

## Individual requirements demand tailor-made solutions



### Where special project requirements meet extraordinary materials

Zünd cutters are modular by design. With their built-in flexibility, they can be configured to meet an exceptionally wide range of cutting requirements. G3 and S3 cutters comply with the highest safety standards and are UL-certified.

Standardized and open interfaces allow for integration in any production workflow. Zünd Cut Center software is compatible with a broad range of file formats and can be integrated with other software platforms. Zünd offers robust, proven and thousand times installed cutting technology for industrial applications.



1  
Synthetic materials  
PE, PP, PUR, PVC.



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2  
Metal foils  
aluminum, copper foil.



3  
Stretch fabrics  
elastane, spandex, spacer  
fabrics.



4  
Foam material  
polystyrene, polyurethane,  
polypropylene.



5  
Filter materials  
felt, synthetics, carbon,  
paper.



6  
Gasket materials  
paper, graphite, rubber,  
silicone, cork.

# A simple fact: The cutter that keeps adapting to your needs

Are you ready for the future, ready to meet the challenges of ever-changing demand? Your Zünd cutter is. Zünd is the most modular, adaptable, easily upgradable cutting system on the market. This exceptional

modularity permits easy, cost-effective changes and upgrades for whatever applications may arise and helps guarantee the longevity and security of your investment.



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## Headquarter

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**ZundPolska** channel



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