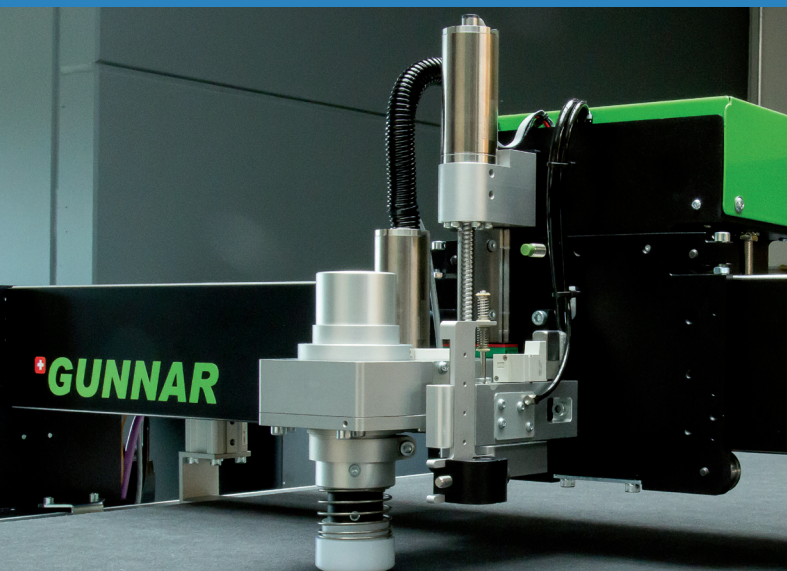
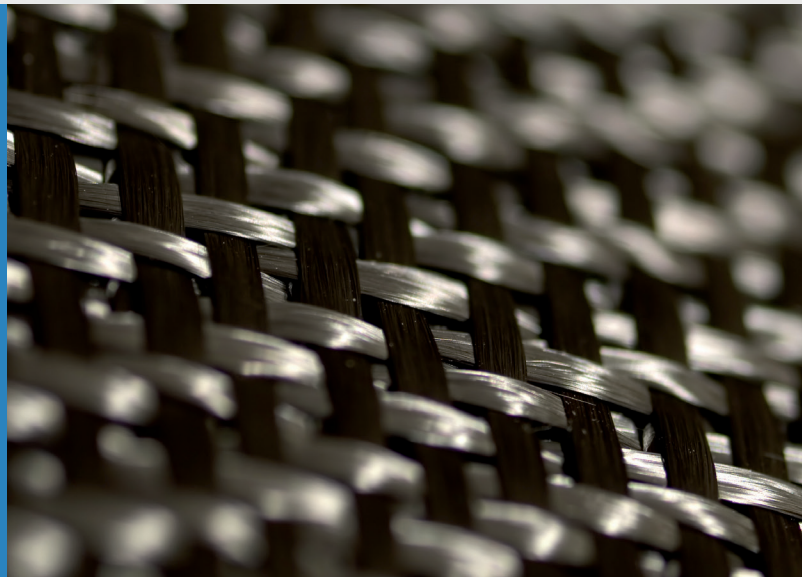


# the future of smart composites manufacturing



From 3D CAD data and automatic cutting  
to laser guided sorted plies.

A smart, integrated and digitally assisted  
manufacturing process for composites  
and advanced materials.



A joint development by composites  
experts, following highest automation  
standards.

A joint process, adapted to local industry  
capabilities, leading to reduced waste  
and highest process secureness.

Strongly following the superb vision of a fully automated composites production process and correlating such goal with current operational, technical and commercial market requirements, GUNNAR, SCHEURER and LAP as team of composites experts extract such process advantages and adapt it to local composites industry conditions.

We deliver a state-of-the-art and smart production process from 3D composites design to digital cutting and integrated laser guided offload of sorted plies.

- Combined, integrated hardware and software solution
- Modular and scalable concept for highest flexibility
- Optimized and maximized raw material usage based on automatic nesting
- Full tracability of cut parts
- Works for thermoplastic and thermoset prepregs as well as dry fibres

### DIGITAL CUTTING

As leading supplier of innovative computer controlled single and low ply flatbed cutting systems for composites and advanced materials, GUNNAR offers a highly modular and upgradable cutting system and cutting tool concept as well as many peripheral hardware and software solutions for the digital cutting process.

### DATA & DESIGN

Highly efficient 3D and 2D lightweight engineering. SCHEURER lightweight construction grants a tailor-made fibre composite part. From 3D design to 2D data and plybooks. Benefit from more than 30 years of engineering experience in the Formula 1 premier class and our expertise of complete composite solutions.

### LASER PROJECTION

True to scale laser projection of outlines based on 2D CAD data. The LAP projection system generates the visible outlines of the cut ply patterns on the surface of the cutting offload table.



**GUNNAR**  
advanced cutting solutions

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