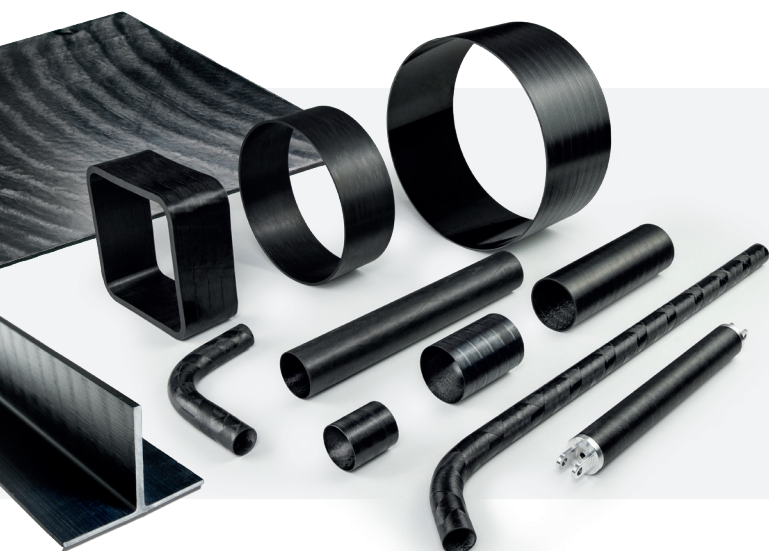


We are
lightweight
pioneers

Innovation. Technology. Passion.

The AVANCO Composites is a globally leading company engaged in the development, manufacturing and refinement of technical products made of fiber composite materials (carbon fiber and glass fiber) and hybrid lightweight structures. This particularly include tubes and profiles, tubular and prismatic lightweight components. The entire value chain is focused on the development of technical high-end solutions and their industrial production.



A full range of products

Our range of services includes the entire product development cycle from collecting ideas, development, design and testing down to series production. Throughout all stages of development, you can rely on our competence and relentless motivation. Our product development works with state-of-the-art scientific knowledge.

We are looking forward
to your inquiry

AVANCO Composites GmbH
Planckstraße 15
32052 Herford, Germany

T +49 (5221) 777-0
info@avanco.de
www.avanco-composites.de





From ideas to series production

Idea and design

We understand that every breakthrough product starts with an idea. Our solution offers you carefully crafted processes that transform your goal into tangible reality. We offer full service from benefit analysis to function integration to project management. With our component conception we bring an effective translation of your idea and with a view to the congruent functional specification. We bring your next product to life - let's start together.

Perfect solution

We focus on the perfect technology for your product! Our solution helps you to choose between X-CCM[®], laser tape winding or filament winding. Also we optimize mechanical properties and economic efficiency. So we make the selection of the right fiber types and help you to produce the pilot series. The focus is on finding the perfect solution for your exact needs!

Development

In the field of development, we are a companion, combining expertise to bring your vision to life. Our designers create their components so that everything fits together seamlessly. We take care to implement lightweight design principles to set new standards. This forms the basis for our product design, which is tested for precision with mechanical analysis. Based on this, we really bring your product to life with our prototype development.

Series production

You want to put your product into series production?

We are your partner! We offer economical small scale series and efficient high volume series production. We stand for highly optimized and automated processes and have a large tool portfolio for this purpose. Our quality management works according to DIN ISO 9001 and DIN ISO 9100 for specific requirements of the aviation and aerospace business. We also offer post processing like machining, surface coatings, assembly, quality inspections and documentation.

Markets and industries



Mobility



Aviation and
Space



Defense



Energy



Marine



Oil and Gas



Robotics and
Automation



Civil
Engineering



Medical and
Healthcare