

SGL Carbon exhibits at the largest trade fair for composites in North America

- CAMX 2019, September 23 to 26 at Anaheim Convention Centre (CA), USA
- Smart solutions for automotive, aerospace and industrial applications
- Good presence of SGL Carbon in the USA

At this year's CAMX, the largest trade fair for composite materials in North America, SGL Carbon is presenting solutions for the markets automotive, aerospace and industrial applications under the motto "The Weight and Performance Optimizers".

From September 23 to 26, the company will be exhibiting various high-performance materials and components made of composite materials in Anaheim, California. Visitors to **booth M2 in Hall D** will be able to see examples of technological implementation.

Complex carbon components for the automotive industry

For the automotive sector, the company is exhibiting visible carbon components with high functional integration. The requirements for the structure and accuracy of fit of a component are very complex. In addition, in component production, there are often extensive surface requirements for an optically perfect appearance of the components. This will be presented at the trade fair booth with a rear spoiler made of carbon fiber fabrics for a sports car manufacturer.

New axle concept with glass fiber-based leaf spring

The leaf spring made of glass fiber-reinforced plastic (GRP) is one of the components with the greatest potential for high-volume serial production. It is already used today as a transverse leaf spring in the rear axles of various models made by Volvo. The main advantages of the spring are a weight that is up to 65 percent lower than that of conventional steel springs, smoother handling of the vehicle and more space inside the vehicle. It is currently being implemented in new joint projects with renowned automobile manufacturers, primarily from Europe and North America.

High-performance insulation components for the aerospace industry

Thermal insulation for the fairing of engines or the insulation of the aircraft cabin play an important role here. The high-performance insulation components are a proven and certified aerospace solution from SGL Carbon. They are tailor-made to customer specifications. The products are manufactured at the SGL Carbon plant in Arkadelphia, Arkansas, USA.

Industrial applications made from fiber composites

Composite materials are also being used more and more in the industrial sector. At CAMX, for example, SGL Carbon will be exhibiting a cross bar made of carbon fiber-reinforced plastic (CFRP) for the automation industry. In addition to its high strength and rigidity, the main

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advantages of the CFRP material are its low thermal expansion and good damping characteristics.

"We are looking forward to our participation in CAMX 2019 with great interest. The fair is an ideal platform to present ourselves to our customers as a reliable and innovative partner in the North American market," comments Dennis Baumann, Vice President Sales and Marketing Industrial Applications of the Composites - Fibers and Materials Business Unit of SGL Carbon. "From the fiber to the finished component, we offer customized solutions from a single source across all industries".

With sites in Moses Lake (Washington), Gardena (California) and Arkadelphia (Arkansas), SGL Carbon is well positioned in the USA to serve the growing composites market.

You will find SGL Carbon at booth M2, Hall D, CAMX 2019, Anaheim. We look forward to seeing you.

About SGL Carbon

SGL Carbon is a technology-based company and world leader in the development and production of carbon-based solutions. Its high-quality materials and products made from specialty graphite and composites are used in industrial sectors that determine the future: automotive, aerospace, solar and wind energy, semiconductor and LEDs as well as in the production of lithium-ion batteries and other energy storage systems. In addition, SGL Carbon develops solutions for chemical and industrial applications.

In 2018, SGL Carbon SE generated sales of around 1 billion euros. The company has approx. 5,100 employees at 32 locations in Europe, North America, and Asia.

Materials, products and solutions from SGL Carbon are embedded in the major topics of the future: sustainable mobility, new energies and cross-industry digitization. Further developments in these areas demand more intelligent, more efficient, networked and sustainable solutions. This is where the entrepreneurial vision of SGL Carbon evolves around: contributing to a smarter world.

Further information on SGL Carbon can be found at www.sglcarbon.com/press.

Important note:

To the extent that our press release contains forward-looking statements, the latter are based on information that is available at present and on our current forecasts and assumptions. Forward-looking statements, by their very nature, entail known as well as unknown risks and uncertainties that may lead to actual developments and events differing substantially from the forward-looking assessments. Forward-looking statements must not be understood to be guarantees. Instead, future developments and events depend on a large number of factors; they comprise various risks and imponderables and are based on assumptions that may possibly turn out not to be appropriate. These include unforeseeable changes to fundamental political, economic, legal and societal conditions, particularly in the context of our main customers' industries, the competitive situation, interest and exchange rate trends, technological developments as well as other risks and uncertainties. We perceive additional risks e.g. in pricing developments, unforeseeable events in the environment of companies acquired and Group member companies as well as in current cost savings programs from time to time. The SGL Carbon assumes no obligation and does not intend to adjust or otherwise update these forward-looking statements either.

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