Ein Bild, das Zeichnung enthält.

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**Press RELEASE**

* **BBG at the JEC trade show: Production solutions for lightweight design with CFRP, GFRP and paper honeycomb**
* **From a single source: molds, mold and press systems as well as end-to-end production lines**

*Mindelheim/Germany, 21 January 2025.* BBG, a system partner for the plastics processing industry, will be showcasing innovative manufacturing solutions for the production of lightweight plastic components at this year's JEC trade show. The company is a manufacturer of molds, machinery and plants. It relies on decades of experience in the development and manufacturing of molds as well as mold carrier and press systems through to fully automated end-to-end production lines.

The focus is on production technology for components made of glass fiber- (GFRP) and carbon fiber-reinforced (CFRP) composites and material combinations with a paper honeycomb core. BBG will be showcasing examples of customer products at the trade show, including aircraft window frames, battery boxes for electric cars, and vehicle body parts.

The company, which is headquartered in Southern Germany and has additional production sites in the USA and China, will be exhibiting their solutions at JEC World in Paris from 4 to 6 March at the joint Composites United stand in Hall 6, stand 6R24.

**Customers from the aircraft and vehicle construction industries**

Global customers include both aircraft and vehicle manufacturers as well as their suppliers. Cooperation often begins during product development. Customers benefit from many years of interdisciplinary knowledge and experience in the development and design of molds, machinery and plants. Prototype components can be manufactured on BBG production technology pilot plants at Mindelheim/Germany, Oxford/Michigan, and Changchun/China.

**Efficient series production from a single source**

As a general contractor for series production, BBG is responsible for the project planning, design and implementation of entire production lines, both for new projects and for the refurbishing of existing systems. BBG develops and manufactures core components such as molds, mold carriers and press systems themselves, while other elements are supplied by long-standing, tried-and-tested partners.

In the process, the company is in charge of selecting and integrating the modules and coordinating the interfaces. The range of services offered also comprises automation, installation and commissioning, including operator training.

**Comprehensive expertise also in mold making**

BBG is also very well established in the mold making segment. The company develops and manufactures molds for a wide range of production processes. These are used by customers for Composite Spray Molding (LFI), Composite Sheet Molding (CSM) and Compression Molding (PHC), as well as for low- and high-pressure RTM (LP & HP-RTM), overmolding and insert molding and Reaction Injection Molding (RIM). BBG Mold Making offers solutions that have been tried and tested over many years also for backfoaming and thermoforming films, for glass finishing using PUR, PVC and TPE, and for encapsulating hot water tanks with PUR rigid foam.

**Global footprint and support**

BBG ensures fast and competent installation, service support for systems and customer care through their subsidiaries in China, the USA and Mexico.

**BBG’s customers are active the world over**

Relying on their own mold, machinery and plant construction, BBG GmbH & Co. KG is an international system partner for the plastics processing industry. In addition to end-to-end production lines, BBG designs, develops and manufactures molds for processing polyurethane (PUR), PVC, TPE and other elastomers, as well as a wide range of composite materials. The company also focuses on solutions for lightweight design, the processing of composites and the production of fiber-composite components in a large number of industries.

BBG, which is a family-owned business run by Hans Brandner and is located at Mindelheim in the Allgäu region, supply their products to their customers all over the world, with the Asian market playing an important role in addition to the markets in Europe and North America. The company is represented by its own subsidiaries in China, the USA and Mexico. With a headcount of around 170, BBG generated worldwide sales to the tune of 20 million euros in 2023.

**Photos:**



Photo 1:

BBG has decades of experience in the development and manufacturing of molds, mold carrier systems (see picture), composite presses and end-to-end production lines (photo: BBG).

Ein Bild, das Im Haus, Person, Workshop, Fabrik enthält.

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Photo 2:

BBG runs manufacturing facilities at its headquarters in Mindelheim, Southern Germany, and at two other production sites in the USA and China (photo: BBG).

Ein Bild, das Buch, Papierprodukt, Im Haus, Kunst enthält.

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Photo 3:

Lightweight components manufactured using the paper honeycomb process are very stable despite their low weight (photo: BBG).

Ein Bild, das Flugzeugkabine, Flugzeug, Passagier, Platane Flugzeug Hobel enthält.

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Photo 4:

Companies from the aviation and electromobility industries manufacture composite components such as window frames and luggage covers for aircraft and battery boxes for electric cars on molds and systems supplied by BBG the world over (Photo: iStock ampueroleonardo).

**Please visit for a download of the press release (Word documents) and print-quality photos:**

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