



PRESS RELEASE / 14 February 2024

JEC World 2024: SCHÜTZ presents innovations in lightweight construction materials

SCHÜTZ COMPOSITES will be presenting its newest premium solutions in composite materials at JEC World 2024. At the SCHÜTZ booth (stand E55 in Hall 6) the star of the show will be the super light and robust CORMASTER® high-tech material. An additional production line that meets the latest technical standards was recently opened, taking production capacity to a significantly higher level.

Thanks to its honeycomb shape, the aramid paper-based CORMASTER® lightweight construction material combines maximum mechanical strength and resistance with an extremely low weight. CORMASTER® is also resistant to extreme heat and moisture as well as to corrosion from oils, water and paraffin. This modern honeycomb material is suitable for many different applications and is available as sandwich panels, engineered panels, milled or formed parts, or curved sandwich panels. Application fields for the lightweight honeycombs include modern aircraft construction, vehicle construction and motor racing, where they are used for load-bearing structural parts and high-quality interior design. From development to delivery, all process steps at SCHÜTZ COMPOSITES are certified in accordance with EN ISO 9001 and EN 9100 to ensure a consistently high production standard.

New highly automated CORMASTER® production line

At the main site in Selters, the company has expanded the CORMASTER® production area by more than 6,000 square metres by adding an additional building. The new production line includes two fully redundant systems.

On this new production line in Selters SCHÜTZ can now produce honeycomb blocks up to 2700 x 3600 mm in size in a highly automated process. All systems were planned by our engineers and largely manufactured in the company's in-house mechanical and plant engineering department. This approach enables uniform quality standards, a high degree of flexibility and short downtimes in the event of potential repairs.

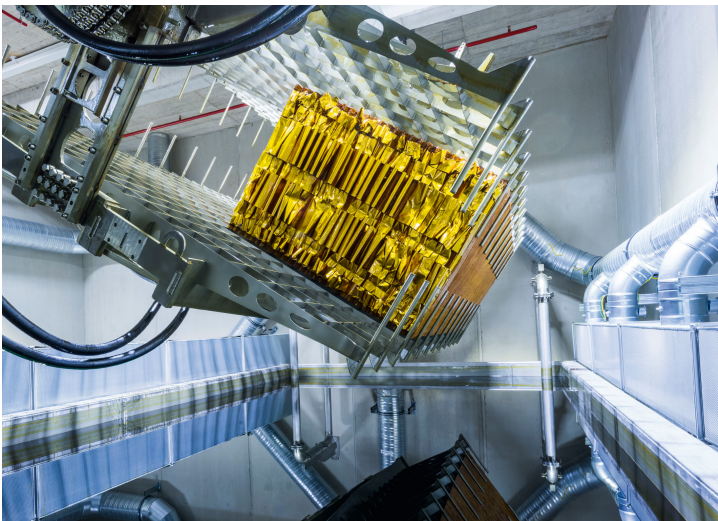
Customers also benefit from increased supply security, as the two redundant production lines each have an independent power, gas and thermal oil supply. This means that if one line fails, the redundant line can continue to operate. Another stand-out feature is the modern exhaust air treatment system which reduces both CO₂ and pollutant emissions.

One of many people to benefit from the advantages of the CORMASTER® lightweight construction material is professional sailor Boris Herrmann and his Team Malizia. Many components of the Malizia – Seaexplorer yacht were made using the honeycomb material. SCHÜTZ supports Herrmann as Official Technical Partner and Official Supplier.

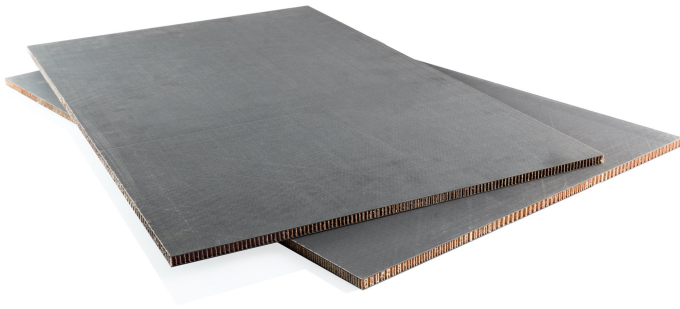
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Caption: SCHÜTZ has expanded the production area for its CORMASTER® lightweight construction material by adding an additional production line.
Photo: SCHÜTZ

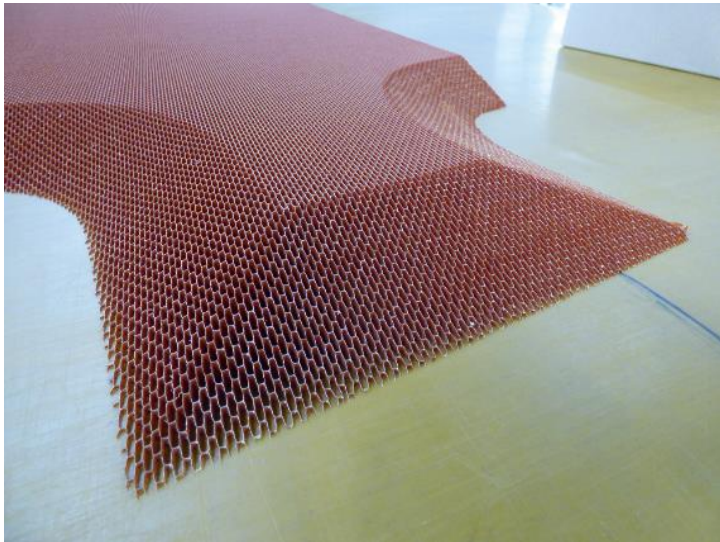


Caption: The new systems can produce honeycomb blocks up to a size of 2700 x 3600 mm in a highly automated process.
Photo: SCHÜTZ



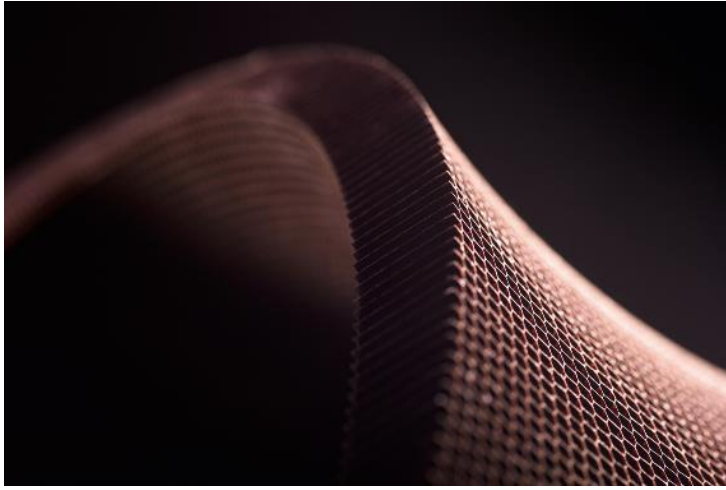
Caption: At JEC World, among other exhibits, SCHÜTZ will be presenting a semi-finished product developed jointly with Airbus and Satair that sets new standards in the field of PAX and cargo floor panels.

Photo: SCHÜTZ



Caption: At JEC World, SCHÜTZ will be showcasing CORMASTER® honeycomb material, a high-tech product that can be moulded into a wide variety of shapes thanks to its outstanding processability and is therefore suitable for a wide range of applications.

Photo: SCHÜTZ



Caption: The modern CORMASTER® honeycomb material is based on aramid paper and is used wherever low weight and maximum stability are required.

Photo: SCHÜTZ

About SCHÜTZ

Schütz GmbH & Co. KGaA is a leading international producer of high-quality transport packaging (Intermediate Bulk Containers, PE and steel drums, and jerrycans). The Group's headquarters are in Selters, Germany. Founded in 1958, SCHÜTZ employs over 7000 people at 60 production and service sites around the world. The four SCHÜTZ business units, PACKAGING SYSTEMS, ENERGY SYSTEMS, INDUSTRIAL SERVICES and COMPOSITES, each hold leading positions in their respective markets. The Group's turnover in 2022 was more than 3 billion euros. SCHÜTZ offers its customers full system solutions that are tailored to their individual supply chain. With the SCHÜTZ TICKET SERVICE, a closed-loop cycle of speedy collection and reconditioning for used IBCs, SCHÜTZ provides all of the world's major industrial nations with a service that fully complies with the Group's sustainability philosophy.

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