



PRESS RELEASE

Cobra International and Partners Win 2025 JEC Innovation Award for Stylish and Recyclable Carbon Fiber Furniture

Chonburi, Thailand – January 23, 2025 – Cobra International, a global leader in composite innovation, is proud to announce that it has won the prestigious 2025 JEC Innovation Award in the Design, Furniture & Home category for its "Stylish and Recyclable Carbon Fiber Furniture" project. This award win highlights Cobra's long term commitment to reducing the environmental impact of the products it makes.

Working in collaboration with Aditya Birla Group, Burapha University, Hankuk Carbon, and Luxara Design Studio, Cobra has developed a breath-taking range of furniture that combines beautiful product design and lower impact raw materials. The collection features the **Liana meeting table** and the **Loop barstool**, both of which showcase the strength of composites and the future potential of recyclable epoxy resins and production waste derived raw materials.

Crafted to Deliver a Perfect Surface Finish

Every production step, from the shaping of foam cores to the application of the final protective topcoat, has been expertly made by the craftsman at Cobra. Though each piece of furniture is delivered with an exceptional surface quality, the manufacturing process has been streamlined to allow Cobra's high rate production methodology to meet customer demands.

A Sustainable Approach to Composite Innovation

The Liana table employs high modulus prepreg for its sleek structure, reinforced with Cobra's production waste BMC material. Its surface finish combines Hankuk Carbon's precision-woven fabric and Neolith, an artificial marble containing 52% recycled content. The Loop barstool embodies flowing, wind-inspired lines, solidified by Recyclamine® resins and Hankuk woven carbon laminates laid over a recyclable PET core, creating both aesthetic elegance and structural durability.



Creating a Circular Design

Cobra's Design & Development team, established in 2015, has leveraged its expertise in industrial design, composite engineering, and series production techniques to bring this project to life. The use of Recyclamine® epoxy resin systems and recycled materials underscores Cobra's commitment to circular manufacturing principles.

Aditya Birla Group's advanced Recyclamine® technology enables low-energy recycling of resin components, while Cobra's inhouse processes repurpose recovered materials into new composite products. This approach aligns with Cobra's long-term environmental goals and provides furniture buyers with new design options that use recycled raw materials and that are recyclable at end of life.

Market Potential

This stylish furniture collection introduces composite artistry to the interior design market, blending aesthetics, functionality, and sustainability. Cobra's series production capabilities ensure scalability, while its material developments pave the way for a more eco-conscious future in furniture design.

"At Cobra, innovation is at the heart of everything we do. This award win is a testament to our shared commitment to pushing the boundaries of composite design and manufacturing. Together, we have reimagined what's possible in furniture design by combining advanced materials, cutting-edge engineering, and a vision for a more sustainable future," said Danu Chotikapanich, CEO, Cobra.

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About Cobra International

Cobra International is a global leader in composite manufacturing, specializing in high-performance solutions for watersports, automotive, and industrial markets. With a strong focus on its own environmental trajectory, Cobra continues to push the boundaries of composite manufacturing, delivering strong, lightweight, and beautiful products.

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