



Impossible Objects Wins Prestigious Global Technology Award for Revolutionary CBAM 25 Industrial 3D Printer

Impossible Objects proudly announces that the CBAM 25 Industrial 3D Printer has been honored with a 2024 GLOBAL Technology Award in the 3D Printing category. The award was announced at a Wednesday, Oct. 22, 2024 ceremony during SMTA International. Designed to bridge the gap between additive manufacturing and mass production, the CBAM 25 offers a versatile solution for critical sectors such as aerospace, automotive, electronics manufacturing, and medical industries.

The CBAM 25 integrates advanced composite materials into the 3D printing process. Its proprietary Composite Based Additive Manufacturing (CBAM) technology combines traditional additive manufacturing with high-performance composites, enabling the creation of parts with high strength, durability, and thermal stability. This innovation opens new possibilities for applications requiring high-performance materials.

Setting a new benchmark for production speeds, the CBAM 25 delivers prints at a rate 15 times faster than its nearest competitor, producing 11,800 cm³ of high-quality prints per hour. This remarkable speed drastically reduces lead times and enhances

production efficiency, empowering manufacturers to meet tight deadlines and scale operations without compromising quality.

With laser control down to 50-60 microns and a print resolution of 1200x1200 dpi, the CBAM 25 ensures each part meets the highest standards of quality. The advanced composite materials used in the process contribute to superior mechanical properties, making the parts highly durable and reliable. The CBAM 25's ability to produce intricate and detailed parts with consistent quality significantly enhances the overall manufacturing process.

Since 2005, the prestigious Global Technology Awards have recognized the absolute best new innovations in the printed circuit assembly and packaging industries. It brings together the global SMT and advanced packaging industry in a celebration of the companies and people that are achieving the highest standards and driving our industry forward. For more information, visit www.globalsmt.net.

Fill out a [contact us](#) form to get in touch with us directly and schedule a dedicated time slot to discuss your specific tooling needs.