Brose sets new standards in 3D printing

A high number of lasers, high performance and more installation space: Brose benefits from these advantages with its unique high-performance printer and raises its additive series production to a new level.

Coburg (13. November 2025) Automotive supplier Brose is taking its additive manufacturing to a new level with a metal 3D printer that is unique in Germany. The high-performance printer, developed in collaboration with Farsoon Technologies, enables larger components, higher quantities and more efficient series production. The aim is to make production significantly more competitive and sustainable.The new printer has an extended build space, allowing large and complex components to be produced in one piece - without the need for subsequent joining processes. Smaller parts can be produced in higher quantities. Increased laser power ensures additional productivity and makes the step towards additive series production in the mobility sector possible.

Sustainability in series production

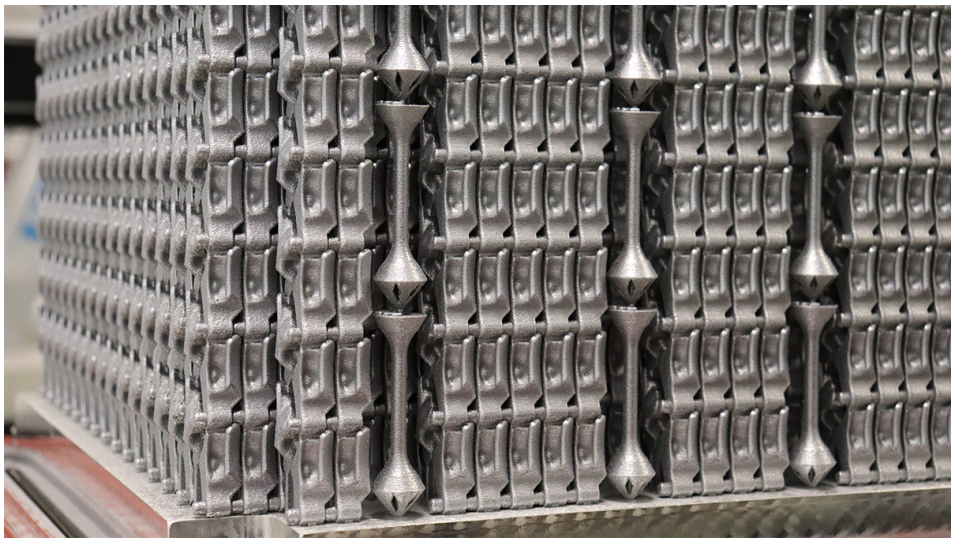
The metal powder for the innovative 3D printer is a unique selling point: it consists entirely of recycled punching waste from the company's own press shops and has the same chemical composition and mechanical properties as conventional sheet metal components. Brose thus returns production waste to the manufacturing process and makes an important contribution to the circular economy.

"We are consistently driving forward the additive series production of automotive components," explains Eric Fritzsche, Head of Additive Manufacturing. "Especially for complex or highly variant components, 3D printing offers us an economical and flexible alternative to conventional processes."

3D printing right from the start

The automotive supplier also uses additive processes in the development of new products in order to achieve significant time and cost benefits with rapid prototyping. To ensure a

high level of comparability with later series products, Brose uses original materials that are also used in series production. The tool-free process enables maximum flexibility for design changes, as there is no need for complex and cost-intensive tool adaptations.



Brand-new: In future, components for additive series production at Brose will come from an innovative 3D printer that achieves significantly higher output quantities and thus makes series production more economical.

From November 18 to 21, Brose will be presenting a sample print of the new system at Farsoon's stand in Hall 11, Stand E11 at Formnext, the leading international trade fair for industrial 3D printing. "The close collaboration with Farsoon was characterized by goal orientation and speed," says Fritzsche. "The project shows how partnership-based development work makes real innovation possible." Oliver Huizhi Li, Managing Director at Farsoon Europe, adds: "Together with Brose, we have transformed innovation into real production efficiency - an excellent example of what strong partnership and open technology can achieve."