

BREMBO ACCELERATES TOWARD A SUSTAINABLE FUTURE: FIRST CALIPER MADE WITH 100% RECYCLED ALUMINUM

Brembo introduces new material for its calipers for a major customer, cutting lifecycle emissions by 70%¹ without compromising design or performance.

Bergamo (Italy) - September 25, 2025 – After more than five years of research and development, Brembo has officially launched the use of an alloy with 100% recycled aluminum in the production of its original equipment calipers — a key step forward in the company's sustainability journey.

Launched in 2020, the project set out to enhance the environmental profile of Brembo's manufacturing processes. An assessment of the full production cycle helped identify key areas where improvements could have the most impact. Aluminum's unique ability to be infinitely recycled without any loss in quality made it a natural focus, offering significant potential to lower environmental impact.

That insight sparked a deep search for alternatives. The team explored various alloys available on the global market, looking for a solution that could guarantee the same mechanical performance and castability as the original material — but with significantly lower CO₂ emissions. Additionally, Brembo prioritized the identification of an alloy available across all the regions where Brembo has its production plants.

After extensive scouting and testing, Brembo found the perfect match: an alloy made entirely from recycled aluminum. Using this alloy, CO₂ emissions across the entire lifecycle of the caliper can be reduced by 70%¹ compared to conventional alloy.

The shift to the new material demanded a re-evaluation of the product and an update to the manufacturing process. A comprehensive redesign and reindustrialization effort was launched to ensure the new solution could be scaled globally across all Brembo plants, delivering the highest quality and performance.

That effort is now paying off: Brembo, in its role as a solutions provider, has begun supplying one of its major customers, and this transition is underway across all markets.

"The adoption of recycled aluminum in the production of our iconic brake calipers embodies our ongoing commitment to innovation for sustainability. This solution is designed to meet the highest standards of performance and environmental responsibility," said Daniele Schillaci, CEO of Brembo. *"Brembo's journey is one of continuous improvement, unwavering commitment and this innovation we're bringing to the market represents our contribution to*

¹ Based on a comparative Life Cycle Assessment – LCA study on calipers made from the recycled alloy and the traditional alloy, conducted by Brembo and verified by an independent third party.

building a future where our new products are smarter, safer and more sustainable than the one before”.

From a design perspective, the component retains all the stylistic features that have made the Italian brand distinctive: it is indeed possible to achieve unique shapes and designs, as well as to use a wide range of available colors. To make Brembo's progress tangible, calipers using the new recycled alloy will feature a new ALU trademark logo registered by the Company, visually distinguishing those made with upcycled aluminum. Indeed, its alloy isn't merely recycled: it's upcycled. Brembo doesn't just reuse the original material, it enhances it, giving it new and greater value.

This initiative confirms Brembo's role as a company that doesn't just follow trends but shapes them. From now on, the majority of new caliper development will start with recycled material as the standard.

For calipers currently in production, Brembo will continue to use conventional aluminum until the end of their product life, while prioritizing the adoption of aluminum produced with renewable energy.

About Brembo

Brembo leads the world in the design and production of high-performance braking systems and components for top-flight manufacturers of cars, motorbikes and commercial vehicles. Founded in 1961 in Italy, the company has a long-standing reputation for providing innovative solutions for original equipment and aftermarket. Brembo is a key player in the world of racing: for 50 years, it has been the choice of the Teams competing in the most demanding motorsport championships worldwide and it has won more than 700 titles. The company also develops braking systems for mountain bike racing.

Guided by its strategic vision – “Turning Energy into Inspiration” – Brembo's ambition is to help shape the future of mobility through cutting-edge, digital and sustainable solutions.

With over 16,000 people across 18 countries, 39 production and business sites, 10 R&D centers, 2 Inspiration Labs and with a turnover of € 3,840.6 million in 2024, Brembo is the trusted solution provider for everyone who demands the best driving experience.

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