

BREMBO PRESENTS CUTTING-EDGE INNOVATIONS AT AUTO SHANGHAI 2025

Bergamo (Italy), 23rd April 2025 - [Brembo](#) continues to redefine braking performance with a strong commitment to innovation, sustainable development and performance.

At Auto Shanghai 2025, the company showcases its latest advancements, introducing new solutions that enhance efficiency, reduce environmental impact and improve vehicle dynamics.

Brembo unveils the GREENTELL SET: new original equipment disc and pads that deliver longer lifetime, less emissions and enhanced performance

Born from the fusion of the words "GREEN" and "INTELLIGENCE," the name GREENTELL reflects the key features of the product, emphasizing on one hand the reduction of environmental impact by up to 85%¹ and on the other the research behind these products to improve the overall performance of the set in terms of durability and in terms of reduction of dust emissions.

Featuring a dual layer nickel-free (patent pending) coating applied through Laser Metal Deposition (LMD) technology, the GREENTELL set significantly reduces brake dust emissions and the use together with the brake pads significantly increases the resistance and durability of the disc, without compromising on performance. This coating can be applied to different types of discs including integral, dual cast, lightweight and floating.

When coupled together with the pads, it ensures a reduction of surface wear by 80%² as compared to an equivalent uncoated cast iron disc.

Additionally, the GREENTELL set drastically reduces brake dust emissions during braking up approximately to 90%³, anticipating the upcoming Euro 7 brake disc emission regulations that will come into effect in 2026.

This innovation reaffirms Brembo's commitment to sustainability and technological excellence, offering an advanced braking solution suitable for a wide range of vehicles.

Brembo presents a new light modular caliper

This innovative monobloc fixed caliper boasts a modular design that not only accelerates time-to-market but also offers versatility to adapt to various types of vehicles. It is compatible with different disc diameters and thicknesses, and is available in two sizes with four-piston configurations, providing pad surface areas of 75 cm² or 85 cm².

The caliper's radial fix design, complemented by a customized bracket, enhances adaptability and reduces lead time. Thanks to topological optimization, the caliper's weight ranges from 4.3 kg to 5.1 kg for the larger size.

Additionally, the new light modular caliper features ENESYS spring technology to eliminate residual torque, reduce emissions, energy waste and is available in a wide range of colours, with customized colour options available upon request.

¹ Data based on a comprehensive LCA (Life Cycle Assessment) study, verified by a third party organization.

² Data results on Brembo dyno bench tests.

³ Data results from WLTP-Brake Cycle (Worldwide harmonized Light vehicles Test Procedure) emission Brembo dyno tests.

Brembo and Michelin join forces to innovate

At Auto Shanghai 2025, Brembo showcase SENSIFY®, its intelligent braking system, in a dedicated space, together with the Michelin's connected solutions software. Thanks to this partnership, Michelin and Brembo combined their expertise to exploit the full potential of their intelligent solutions to revolutionize vehicle performance and offer drivers the highest safety and comfort standards.

This innovative approach enhances safety, responsiveness, and driving comfort. The promising initial tests show a reduction in braking distances of up to four meters (thirteen feet)* whatever the tire wear level or road conditions.

This groundbreaking technology will be a focal point at the exhibition, demonstrating the potential of intelligent braking solutions for the future of mobility.

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, Brembo has a long-standing reputation for providing innovative solutions for OEMs and aftermarket. Brembo also competes in the most challenging motorsport championships in the world and has won over 700 titles.

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 15,000 people across 18 countries, 35 production and business sites, 9 R&D centers 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.

www.brembogroup.com

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