



AIRBUS A350 XWB

CARBON BRAKE

Messier-Bugatti-Dowty is the world's leading supplier of carbon brakes, supporting over 50% of the global market for mainline commercial jets.

For the upcoming Airbus A350 XWB, Messier-Bugatti-Dowty is offering a new generation of carbon brakes, with even higher performance.

HIGHER AVAILABILITY, FASTER TURNAROUND TIMES, LONGER ENDURANCE: 2,000 LPO

Messier-Bugatti-Dowty's new carbon brakes for the A350 XWB feature higher performance (better energy absorption) and faster cooldown for shorter turnaround times (TAT) and increased fleet availability.

FEWER PARTS FOR GREATER RELIABILITY AND REDUCED WEIGHT

The A350 XWB brake is a single-cavity brake. For an airplane in the same weight class, this brake contains only five pistons (instead of six) and four rotors (instead of the usual five). This brake is lighter than its competitor, but still retains maximum thermal capacity.

TODAY'S ECO-FRIENDLY HYDRAULIC BRAKE

Messier-Bugatti-Dowty is fully committed to the production of environmentally-responsible wheels and brakes, including:

- > The system itself, which is 100% cadmium-free, chrome-free, beryllium-free (silicon bronze brake bushings) and asbestos-free (stainless steel or titanium insulation).
- > The production process, which is solvent-free (water-based paint topcoat, low-VOC/volatile organic compound primer), and does not use any chlorofluorocarbons or halons, including by suppliers.

SEPCARB® III OR, THE BEST SELLING CARBON BRAKE

Messier-Bugatti-Dowty's Sepcarb® III OR (oxidation resistant), brake features the Anoxy 66 anti-oxidation coating for better protection against deicing products.

The main landing gear comprises eight 23 inch wheels and eight brakes, while the nose landing gear is fitted with two 16 inch wheels.



Messier-Bugatti-Dowty (Safran) is the world leader in aircraft landing and braking systems. The company's capabilities encompass the full product life cycle, ranging from design and manufacture to in-service support, repair and overhaul. Messier-Bugatti-Dowty is a partner to 30 leading commercial, military, business and regional aircraft manufacturers, and supports 25,000 aircraft making over 40,000 landings every day. The company has more than 7,000 employees at locations in Europe, North America and Asia.

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