

Mercedes-Benz Launches Preview of the new E500 : The new Mercedes-Benz E-Class Engineered around you

Bangkok, Mercedes-Benz (Thailand) launches its first preview of the new Mercedes-Benz E-Class (W 212) with the stunning top-of-the range model E 500 under the slogan "The new E-Class. Engineered around you".

Aug. 28, 2009 - [PRLog](#) -- The new E-Class represents the pacemaker when it comes to safety, comfort and environmental compatibility in this market segment. With its unique combination of driver assistance systems, this saloon further consolidates the leading position of Mercedes-Benz in the luxury class. Its features include the latest technologies such as ATTENTION ASSIST – a drowsiness detection system with highly sensitive sensors that continuously monitor more than 70 different parameters, Adaptive Highbeam Assist to adapt automatically with driving situation and detects other vehicles & adjusts headlamps without dazzling other drivers, Blind Spot Assist to help drivers change lanes safely by monitoring the area to the side and behind the new E-Class and warns when a vehicle is in the rear-view mirror's blind spot, Lane Keeping Assist to detect car leaving its lane unintentionally and Night View Assist - pedestrian detection function to prevent accident which may occur to pedestrians ahead of the car. All of these latest technologies are equipped to help prevent all kinds of accidents which make in the new E-Class the "world's best business sedan"

The new E-Class appears in sophisticated interplay between lines and surfaces as an expression of effortless superiority and status, complimented with widely acclaimed twin-headlamp face – a highly symbolic design of the E-Class have now been reinterpreted in rectangles that comes with radiator grille with 3-chrome-tipped louvers in high gloss-black radiates presence by virtue of its dynamic V-shape.

In comfort, Mercedes-Benz has improved the already exemplary long-distance comfort of the E-Class even further in the new saloon, principally through the use of intelligent bodyshell technology with up to 30 percent greater rigidity, further improved seats and a newly developed suspension whose shock absorbers automatically adjust to the current driving situation. The air suspension now works in combination with an electronic damping system. One of the key aspects the Mercedes engineers focussed on to create this exceptional level of comfort was the new dimensional concept for the body and the interior, which differs from that of the outgoing model in many respects and thus allowed a new form of "spatial planning". More space equals more comfort was the principle the product planners applied to design a body that is 12 millimetres longer and 32 millimetres wider than previously. Measured against the outgoing E-Class model, the wheelbase length has been increased by 20 millimetres to 2,874 millimetres which is a major factor behind the enhanced ride comfort and interior spaciousness. The main dimensions* of the new E-Class compared to those of the previous model:

New E-Class	Previous model	Difference
Vehicle length	4,868 4,856	+ 12
Vehicle width	1,854 1,822	+ 32
Vehicle height	1,470 1,483	- 13
Wheelbase	2,874 2,854	+ 20
Seat reference point	848 838	+ 10
Effective headroom, front/rear	1,007/972 993/961	+ 14/+11
Shoulder room, front/rear	1,467/1446 1,432/1,424	+ 35/+ 22
Elbow width, front/rear	1,490/1505 1,454/1,454	+ 36/+ 51
Boot capacity**	5321 5321	--

The new Mercedes-Benz E 500 comes in AVANTGARDE style with Black ash wood trim elements, 4-spoke steering wheel made of nappa leather and wood trim, and a new design of active multicontour seats with luxury head restraints and a two-stage massage function in the backrest.

The new E 500 equipped with sophisticated infotainment devices that deliver outstanding performance and, above all, are easy to use. The arrival of the new E 500 coincides with newly expanded NTG 4 telematics generation. COMAND APS multimedia system features high-speed hard-disc navigation and a high-resolution map display includes 6-disc CD/DVD changer, surround sound system by Harman/Kardon® Logic 7®, 7-inch colour display, TV tuner, eight speakers, Bluetooth telephony and developed Rear Seat Entertainment System with a DVD player and two large colour displays (8.0-inch) in the rear of the front head restraints.

The new E-Class is equipped with tried-and-trusted technology in the shape of ABS, ESP® and Brake Assist as well as around a dozen of new driver assistance systems which are specially configured to help prevent frequent causes of accidents such as dangerous lane changes, drowsiness, darkness and lane departure. This combination of safety technologies, which is unique in the world, make the E Class an “intelligent partner” – a car that is capable of seeing clearly, reacting instinctively and acting autonomously thanks to radar, cameras and sensors. The driver assistance systems for the new E-Class at a glance:

ABS - Ensures that the E-Class remains steerable, even when braking.

ESP® - Reduces the risk of skidding and stabilises the car.

Brake Assist - Provides full braking power almost instantaneously in the event of an emergency stop.

Adaptive brake lights - The brake lights flash to warn drivers behind if the brakes are applied in an emergency.

ATTENTION ASSIST - Detects driver drowsiness by means of sensor signals and warns the driver.

Intelligent Light System - Incorporates five light functions specially configured for typical driving situations and weather conditions.

Adaptive Highbeam Assist - Detects vehicles in front or oncoming vehicles and, in each case, provides the optimum headlamp range.

Lane Keeping Assist - Detects the lane markings and warns the driver if the car leaves its lane unintentionally.

Blind Spot Assist - Uses radar to monitor the areas to the side of and behind the E-Class and warns the driver if there is a vehicle in the blind spot.

In safety, the new E-Class has come through over 150 crash tests - including 30 different crash test programme - and more than 17,000 realistic crash test simulations. In the new E-Class, the multi-award-winning technology: PRE-SAFE® is fitted as standard and offers even more functions than previously. The Mercedes PRE-SAFE® system takes its lead from nature in that it activates protective measures as a precaution to protect the occupants and the car from an imminent collision, just as living things react instinctively and search for cover when they are in danger. PRE-SAFE® is able to recognise an impending accident because it offers an intelligent synergy of active and passive safety features.

The new E-Class offers even more extensive package of safety equipment than its predecessor. With eight airbags fitted as standard, seat-belt tensioners, belt-force limiters and NECK-PRO crash-responsive head restraints for the driver and front passenger. The airbags, which can deploy in a matter of milliseconds in the event of an accident, include two adaptive airbags (for the driver and front passenger), two sidebags in the front seat backrests and two large windowbags which extend from the A-pillar to the C-pillar during a side impact and two rear sidebags. The newly developed DIRECT CONTROL suspension with standard-fit amplitude-dependent damping system in the new E 500 is one of the major factors of riding quality. With shock absorbers continuously adjust the level of damping according to the current driving situation. For the ultimate in comfort, the E 500 is equipped with AIRMATIC suspension as standard, automatically maintains a constant vehicle level in any situation, regardless of vehicle load.

Standard specifications include 18-inch light-alloy wheels in a five-spoke design, 245/40 R 18 (front) tyres and 265/50 R18 (rear) tyres. For further information about the new E-Class, please contact authorized Mercedes-Benz dealers and service outlets nationwide.

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