

# Mitsubishi reveals E-evolution concept car

Mitsubishi recently launched an all-electric high-performance SUV E-evolution concept car at the Tokyo Motor Show.



With the launch of the E-evolution concept, Mitsubishi illustrated its new design philosophy under the title "Robust and Ingenious".

"We aim to provide vehicles that fulfil our customers' desires through outstanding design, combined with the power, authenticity and carefully-considered functionality Mitsubishi Motors is known for," said MMC head of global design, Tsunehiro Kunimoto.

The design language of the Mitsubishi E-evolution concept is a study in contrasts. MMC says vehicles of the future are meant to be sincere, tough, and functional. At the same time, they will be clever, resourceful, style-setting and technologically advanced.

## The design

The front face design of the concept is a fresh take on MMC's archetypal dynamic shield design. The black grille is shielded under glass. Cameras and sensors are protected under the glass and accentuated by blue lines for emphasis. Large air intakes beneath the headlamps cool the electric brake callipers.

A sharply slanted front windshield and short overhangs give it a unique side profile that has not been possible before the arrival of electric propulsion. High ground clearance, short overhangs, strong shoulders and narrow hips project nimbleness and agility. Muscular tires that protrude at the four corners communicate powerful 4WD torque.

The E-evolution concept is powered by three electric motors, and the absence of a big internal combustion engine under the hood gave designers space for a radically novel cockpit. Acting like a level in an electronic viewfinder, the instrument panel makes it easier to sense the state of the vehicle during driving.

## Technology

- **EV system:** The E-evolution concept uses three high-performance electric motors, fed by a high-capacity battery system to deliver the smooth and powerfully responsive performance that distinguishes EVs from fossil fuel powered vehicles. The drive battery is located under the floor in the middle of the vehicle for a low centre of gravity and utmost stability.
- **4WD system:** The triple motor 4WD system employs a single motor to drive the front wheels, complemented by a new Dual Motor Active Yaw Control (AYC) system that couples the two rear motors. This is integrated into MMC's unique Super All-Wheel Control (S-AWC) vehicle dynamic control system.
- **AI system:** The brain of the E-evolution concept is an artificial intelligence (AI) system that augments the driver's capabilities. An array of sensors allows the AI system to instantly read changes in road and traffic conditions, as well as the driver's intent. Seamlessly coordinating driver intent with vehicle performance, the system supports drivers of all abilities, bringing the motoring experience to a new level.

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