

## Press Note

# Mahindra Unveils New Dedicated State-of-the-art EV Manufacturing & Battery Assembly Facility in Chakan

**Pune, January 8, 2025:** Mahindra today unveiled its new dedicated state-of-the-art manufacturing and battery assembly facility at its Chakan plant, a fully integrated ecosystem dedicated to producing Electric Origin SUVs.

Strategically located within the Company's 2.83 km<sup>2</sup> Chakan manufacturing hub—one of India's largest greenfield projects, a water-positive facility- and 100% reliant on renewable energy—the new plant for EV operations underscores Mahindra's commitment to innovation and sustainable manufacturing. As announced earlier, Mahindra has allocated ₹ 4 500 Crores out of the total ₹ 16 000 Crores planned in the F22-F27 investment cycle— which includes powertrain development, two product top hats including software & tech and manufacturing capacity.

Mahindra's EV manufacturing hub is a fully integrated, highly automated manufacturing ecosystem that leverages over 1000 robots and multiple automated transfer systems. Alongside a strong focus on skill development and quality, the EV facility targets a 25% gender diversity ratio, reinforcing the plant's inclusive and future-ready work culture. Driven by this foundation, Mahindra is now charged up to roll out next-generation Electric Origin SUVs.

## THE NEXT-GENERATION EV PLANT

- A footprint of around **88000 m<sup>2</sup>** for the EV domain.
- Utilises a **fully automated Press Shop**, an **AI-driven Body Shop** and one of India's most sophisticated **robotic Paint Shops** to optimize quality and efficiency.
- Deploys **over 500 robots** and fully automated transfer systems in Body Shop, all monitored via an **IoT-based "Nerve Center"** for real-time process insights and end to end traceability.
- Adopts **Industry 4.0 tech**, **AMRs (Autonomous Mobile Robot)**, and **AGVs** for seamless material movement, underscoring Mahindra's commitment to **safety, speed, and reliability** in sustainable manufacturing.

## CUTTING-EDGE BATTERY ASSEMBLY

- Operates as one of the world's most **compact battery manufacturing lines**, employing patented processes and lean module assembly.
- This fully automated plant integrates world-class manufacturing processes developed and implemented indigenously to produce/store/transfer high-performance, long-lasting batteries using industry 4.0 tech.
- Employs a **patented pallet design** for optimal insulation and geometric accuracy, plus **hidden cell terminal welding** for enhanced connectivity and robust performance.
- Performs **multi-layered end-of-line testing** simulating real-world conditions, backed by **IP67 ingress protection**, real-time temperature monitoring, and **automated anomaly isolation**.
- Implements a **no-fault-forward strategy** coupled with proprietary switching technology, that underscore superior product quality and reliability.
- Reinforces Mahindra's pledge to **deliver durability, safety, and peace of mind** through best-in-class battery solutions tailored for electric mobility.

With this new state-of-the-art Chakan-based manufacturing and battery assembly facility, Mahindra takes another major step toward shaping the future of mobility. By combining localised

battery assembly, high-end automation, and a dedication to innovation, Mahindra is reinforcing its commitment to "Make in India for the World" and contributing to India's efforts to meet its COP26 targets for 2030.

### **Social Media Addresses for Mahindra Electric Origin SUVs:**

- **Brand website:** <https://www.mahindraelectricsuv.com/>
- **Instagram:** @mahindraelectricsuvs
- **Twitter (X):** @mahindraeSUVs
- **YouTube:** @mahindraelectricsuvs
- **Facebook:** @mahindraelectricoriginsuvs
- **Hashtags:** #UnlimitIndia #XEV9e #BE6 #MahindraElectricOriginSUVs

### **About Mahindra**

Founded in 1945, the Mahindra Group is one of the largest and most admired multinational federation of companies with 260000 employees in over 100 countries. It enjoys a leadership position in farm equipment, utility SUVs, information technology and financial services in India and is the world's largest tractor company by volume. It has a strong presence in renewable energy, agriculture, logistics, hospitality, and real estate.

The Mahindra Group has a clear focus on leading ESG globally, enabling rural prosperity and enhancing urban living, with a goal to drive positive change in the lives of communities and stakeholders to enable them to Rise.

Learn more about Mahindra on [www.mahindra.com](http://www.mahindra.com) / Twitter and Facebook: @MahindraRise/  
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