Astrall Dynamics' Hypertron-T01 wins IFA 2026 Innovation Award

Heavy-duty wheel-legged quadruped recognized in the Best in IFA Next & Emerging Technologies category as Astrall expands its partner ecosystem in Europe



Hypertron-T01 demonstrates its wheel-legged mobility during the Robots on the Runway program at IFA 2026. Photo: Astrall Dynamics.



Astrall Dynamics' Hypertron-T01 is announced as a winner in the Best in IFA Next & Emerging Technologies category at the IFA Innovation Awards 2026 in Berlin. Photo: Astrall Dynamics.

SHENZHEN, NY, CHINA, September 10, 2026 /EINPresswire.com/ -- Astrall Dynamics, a developer of industrial quadruped robots and core motion systems, announced that its Hypertron-T01 heavy-duty wheel-legged quadruped has won the "Best in IFA Next & Emerging Technologies" award at the IFA Innovation Awards 2026. The award was presented Sept. 4 during IFA in Berlin.

IFA said the 2026 awards program received more than 530 entries across its categories. An independent international jury assessed entries based on technology and functionality, design, innovation, and their potential to create sustainable value for the market and users.

Hypertron-T01 is designed to carry mission equipment through difficult and hazardous industrial environments. Its wheel-leg architecture combines efficient travel on flat surfaces with the ability to negotiate stairs, debris and uneven terrain. An in-house-developed axial-flux powertrain and integrated joints support a dynamic payload of up to 80 kg (176 pounds) under defined operating conditions. Actual capacity varies with terrain, payload

configuration and other operating factors.

The platform's modular interfaces support task-specific equipment, including inspection sensors, thermal imaging, gas detection, emergency supplies and firefighting equipment. Operators can configure the mobility platform for utility inspection, emergency response and other heavy-duty industrial work while keeping personnel farther from hazardous areas.

At IFA, Astrall also presented Hypertron-SW01, a lighter platform for recurring inspection. T01 and SW01 were developed for distinct mission profiles: T01 for high-load, difficult-terrain tasks and SW01 for routine sensor-based inspection in power, manufacturing and industrial facilities. Selecting the platform around the task reduces the compromises of using one general-purpose chassis for every workload.

"Industrial quadruped robots are moving from demonstrations and isolated pilots into repeatable field deployment," said Xinqi Yan, head of international sales at Astrall Dynamics. "The real test is whether a system can work reliably in the operating environment and whether local partners can integrate the tools, sensors and workflows each customer requires. The IFA award strengthens our commitment to building those deployments with partners in Europe and the United States."

Astrall develops its motor systems, integrated joints, control software and sensor interfaces in house. The company has deployed Hypertron systems for routine use at substations run by major power-grid customers in China, providing a base of field experience for international projects.

The company also provides SDK access for motion control, sensor data and device management. Astrall is seeking distributors, system integrators and application partners in Europe and the United States to adapt the platforms to local operating requirements, safety procedures and customer workflows. Partnership discussions cover utilities, emergency-response organizations, industrial site operators and specialist robotics integrators.

For product information or partnership inquiries, visit www.astralldynamics.com or contact contact@astralldynamics.com.

About Astrall Dynamics

Astrall Dynamics is a Shenzhen-based robotics company founded in 2024. It develops and manufactures industrial quadruped robots and core components for power and energy, emergency response, industrial inspection and other demanding environments. Its capabilities cover motors, integrated joints, motion control, perception and modular payload integration. The company's portfolio includes Hypertron-T01 for heavy-duty operations and Hypertron-SW01 for recurring inspection. More information is available at www.astralldynamics.com.

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