

2025 Robotics + Automation China Newsletter – 2nd Half Year Edition

Dear VDMA members,

*Here is the VDMA Robotics + Automation China Newsletter – 2nd Half-Year Edition. We collected news and updates on **the Market & Statistics, Start of Production and Investment, New Energy Vehicles & Battery Production, Humanoid Robotics, Strategic Alliances and M&As, and Regulations and Standardization.** Enjoy reading!*

Market & Statistics

[China's Industrial Robot Production from January to September 2025](#)

On October 20, the National Bureau of Statistics released the latest manufacturing data. In September, China's industrial robot production reached 76,287 units, representing a 28.3% year-over-year increase. Service robot production amounted to 1.7126 million units, up 4.7% compared to the same period last year. From January to September, China's industrial robot production totaled 594,800 units, reflecting a year-on-year growth of 29.8%.

[National Bureau of Statistics: Profit of Industrial Enterprises above Designated Size Grew 0.9% in January - August 2025](#)

From January to August, the total profits of industrial enterprises above the designated size nationwide reached 4,692.97 billion yuan, a year-on-year increase of 0.9 percent. The mining industry realized a total profit of 566.11 billion yuan, a year-on-year decrease of 30.6 percent; the manufacturing industry realized a total profit of 3,523.35 billion yuan, an increase of 7.4 percent; the production and supply of electricity, thermal power, gas, and water realized a total profit of 603.51 billion yuan, an increase of 9.4 percent.

[China Purchasing Managers' Index in September 2025](#)

In September, the purchasing managers' index (PMI) of China's manufacturing industry came in at 49.8 percent, an increase of 0.4 percentage points from the previous month. The manufacturing business climate continued to improve. From the sub-indexes, among the five sub-indexes that constitute the manufacturing PMI, the new order index, the raw materials inventory index, and the employment index were below the 50% mark.

[Analysis of the Chinese Automotive Production and Sales in September](#)

According to the analysis of the China Association of Automobile Manufacturers (CAAM), in September 2025, China's auto sales rose 14.9% year-on-year to 3.226 million units, hitting a nine-month high, following a 16.4% increase in August. Sales of new energy vehicles (NEVs) surged 24.6% year-on-year to 1.604 million units, accounting for 49.7% of all new car sales, marking the seventh consecutive month of growth. In the first nine months of 2025, total auto sales climbed 12.9%, while NEV sales soared 34.9%.

Start of Production and Investment

[Level 4 \(L4\) Road Mobile Robot Firm Has Completed its Series A Financing](#)

Recently, Xinghe Wentu, a Level 4 (L4) autonomous road mobile robot firm, announced the completion of its Series A financing totaling tens of millions of yuan. The proceeds will be allocated to upgrading its L4 autonomous driving unmanned vehicles, to continuously strengthen the technological leadership of its products across both closed environments and open roads, and to deliver more user-friendly, versatile, and intelligent unmanned vehicles to customers.

[Jingang Technology Secures Tens of Millions of Yuan in Pre-A++ Round Financing, Leading the Transformation of Key Components in the Robotics Industry](#)

Recently, Beijing Jingang Technology Co., Ltd., a leading magnetic encoder enterprise, announced the completion of its Pre-A++ round financing worth tens of millions of yuan, with investor Infotech Ventures Co., Ltd. Having successfully closed three consecutive rounds of Pre-A series financing within six months, Jingang Technology has accumulated a total financing amount of nearly 100 million yuan. The funds will be mainly used for technological iteration, new product R&D, and market expansion.

[Beijing Yunji Technology Co., Ltd. Lists on HKEX](#)

Beijing Yunji Technology Co., Ltd. has been officially listed on the main board of the Hong Kong Stock Exchange, becoming the "first robotics service intelligence stock." Founded in 2014, Yunji Technology is a leading AI-driven robotics technology company, primarily providing robots and functional modules, complemented by services from AI-powered digital systems.

[Robotics Leader Neura Establishes its China Headquarters in Xiaoshan](#)

On the afternoon of October 16th, the launch ceremony for German Neura Robotics' China headquarters and the ecological cooperation signing ceremony were held at Robot Town, Jiangnan Science and Technology City, Xiaoshan Economic & Technological Development Zone. This launch marks a pivotal milestone in Neura's global strategy: while preserving its European innovative DNA, it is rooted in the heart of Asia's robotics industry and accelerating technological advancement and iteration from a global perspective.

[Ningbo PIA Automation Holding Corp. Steps Up Robot R&D](#)

On the evening of October 15th, Ningbo PIA Automation Holding Corp., a leading intelligent manufacturing enterprise, announced that the number of shares to be issued to specific investors would be determined by the total fundraising amount divided by the issue price, not exceeding 30% of the company's total share capital before the issuance. The total funds raised will not exceed 1.161 billion yuan, with the net proceeds after deducting related issuance costs earmarked for projects such as the research and development of intelligent robots..

[Robot Base with Total Investment of RMB 1 Billion Signed and Settled](#)

Recently, the headquarters base project of Hefei Series Intelligent Transmission System Co., Ltd. has been signed and settled in Feixi County, Hefei City. The project is located in Feixi

Economic and Technological Development Zone, with a planned total investment of RMB 1 billion and a total construction area of approximately 47,000 square meters. After completion and reaching full production capacity, the project is expected to achieve an annual output value of no less than RMB 700 million. It will further improve the intelligent robot industrial chain in Feixi County and inject strong momentum into the development of the robot industry.

New Energy Vehicles & Battery Production

[Dongfeng Motor Unveils Breakthrough in Solid-state Battery Range](#)

On October 20, Dongfeng Motor announced via its official WeChat account that the company is steadily advancing its solid-state battery R&D and industrial deployment, achieving a series of notable breakthroughs in the process.

[September 2025 Power Battery Monthly Information](#)

In September, the combined output of power and other batteries in China was 151.2 GWh, increasing by 8.3% month-on-month and 35.4% year-on-year. From January to September, the cumulative output of power and other batteries in China was 1,121.9 GWh, with a cumulative year-on-year growth of 51.4%.

[BYD Ranks First in Sales in the First Three Quarters](#)

In the new energy vehicle segment, BYD continued to maintain its strong leading position, ranking first among Chinese automobile groups in both monthly and cumulative sales for the first three quarters. BYD Group sold 396,000 new energy vehicles in September, a year-on-year increase of 18.6%; its cumulative sales from January to September reached 3.26 million units, fulfilling 71% of its full-year target of 4.6 million units.

[CATL's Net Profit Surged by over 40% in the Third Quarter](#)

According to CATL's third-quarter financial report, against the backdrop of the rapid development of the new energy vehicle industry and strong demand in the power battery market, CATL achieved a single-quarter revenue of 104.186 billion yuan, a year-on-year increase of 12.90%; the net profit attributable to shareholders of the parent company was 18.549 billion yuan, a year-on-year increase of 41.21%.

Humanoid Robot

[China's First HarmonyOS-Powered Humanoid Robot Debuts](#)

On October 28, "Kuafu" – China's first robot powered by open-source HarmonyOS – made its debut at the Smart Exhibition Hall of the HarmonyOS Ecosystem (Wuhan) Innovation Center. Developed on the basis of open-source HarmonyOS, "Kuafu" has shattered foreign technological monopolies and is expediting the development of a fully independent and controllable robot ecosystem.

[The Global Offline Launch of the Zhiyuan Spirit G2](#)

On October 16, Zhiyuan Robotics and Junpu Intelligent jointly held the offline global launch and

mass production ceremony of Zhiyuan Spirit G2 in Ningbo. As a global benchmark for industrial-grade interactive embodied operation robots, Zhiyuan Spirit G2 made its first offline public appearance and simultaneously started the first batch of commercial deliveries under the over 100 million yuan procurement contract with Joyson Electronics.

[Unitree Releases Bionic Humanoid Robot H2](#)

Unitree has launched the new generation of bionic robot Unitree H2, which is 180cm tall and weighs 70kg. According to the official demonstration video, the robot features a bionic human face design and is equipped with wearable clothing. Its height and walking posture are closer to those of a real human compared to the previous generation product.

[Tianxingzhe-2 has Officially Made its Debut!](#)

Sichuan Embodied Robotics unveiled the Tianxingzhe-2, a 165cm, 55kg humanoid with 55 degrees of freedom for precision tasks (e.g., medical rehabilitation). Equipped with emotional computing capabilities, its companion model "AiQiu" is set to enter the elderly care market by late 2025.

M&As and Strategic Alliances

[SoftBank Group Acquired ABB's Robotics Business for 5.4 Billion US Dollars](#)

Swiss industrial giant ABB has agreed to sell its robotics business to SoftBank Group, valuing the robotics unit at \$5.375 billion under the transaction. The deal's closure means ABB has scrapped its earlier plan to spin off the robotics arm and take it public independently. This acquisition marks a significant strategic initiative by SoftBank in artificial intelligence (AI), particularly in the realm of "physical AI".

[CATL and EACON Team Up on Electrified and Autonomous Mining](#)

On October 24, CATL and EACON kicked off a strategic partnership with a signing ceremony in Ningde, Fujian. Centered on electric unmanned mining applications, this partnership will drive in-depth cooperation across capital, technology, market, and ecosystem development to drive the industry's transition toward a green, intelligent, and efficient future.

[BYD and Honor Jointly Build an AI-Driven New Smart Mobility Ecosystem](#)

On October 21, automaker BYD and smartphone maker HONOR signed a strategic cooperation agreement in Shenzhen, marking the start of a deep partnership centered on intelligent mobility. The two companies plan to integrate HONOR's connected vehicle solutions with BYD's next-generation DiLink smart ecosystem to create user-centric, intelligent, and highly personalized mobility experiences.

[Zhiyuan Robotics and Longqi Technology Cooperate on the Application of Embodied Intelligent Robots](#)

In October, Zhiyuan Robotics and Longqi Technology officially announced a deep strategic cooperation on the application of embodied intelligent robots in industrial scenarios. Longqi

Technology placed a framework order for Zhiyuan's Genie G2 robots worth hundreds of millions of yuan, with the expectation of deploying nearly a thousand robots.

UBTech and Foxconn Cloud Smart Connection Have Reached a Strategic Cooperation

On September 21, 2025, UBTech, a leading humanoid robot company, and CloudIntell Technology entered into a global strategic cooperation agreement. This agreement further delineates the responsibilities of both parties in the research and development, manufacturing, and global market promotion of humanoid robots. From 2025 to 2027, the two organizations will collaborate to enhance the manufacturing processes, implementation strategies, and delivery systems for UBTech's humanoid robots across various factory locations in China and around the world. This initiative will also extend to partners within their ecological strategic alliance.

Regulations and Standardization

The CPC Central Committee's Proposals for Formulating the 15th Five-Year Plan (2026-2030) for National Economic and Social Development

The Fourth Plenary Session of the 20th Central Committee of the Communist Party of China (CPC) conducted an in-depth analysis of the international and domestic situation and put forward proposals for formulating the 15th Five-Year Plan for National Economic and Social Development.

Humanoid Robot Data Standardization

In October 2025, Shanghai unveiled China's first humanoid robot dataset platform and CR product certification system, led by the National Robot Testing and Certification Center. This "standard + certification" model mirrors China's strategy in new energy vehicles, aiming to set global rules through domestic innovation.

National Standards for Industrial Robots and Service Robots

A series of national standards took effect on October 1, 2025, including "Industrial Robots—Dynamic Stability Test Methods" (GB/T 45509 — 2025) and "General Requirements for Information Security of Service Robots" (GB/T 45502 — 2025).