

NEWSLETTER

MACHINERY & AUTOMOTIVE

10 - 16 November 2025



Road map sets out 2040 transport vision

Ministry of Industry and Information Technology-guided "China Energy-Saving and New Energy Vehicle (NEV) Technology Roadmap 3.0" outlines small-scale solid-state battery (SSB) use by 2030, full hybrid traditional passenger vehicles and wide SSB adoption by 2035, 80% NEV penetration rate, 60% lower carbon intensity compared with 2024 and over 65% hybrid commercial vehicles by 2040. **(China Daily)**

Shanxi's Lvliang emerges as new hydrogen energy hub

As China's major coal, coke and unconventional gas base, Lvliang produces 8 billion cubic meters of coke oven gas and 400,000 tons of hydrogen yearly, with high-purity hydrogen at 8 yuan/kg (\$1.13), far below industry average. Already deployed 14 hydrogen refueling stations and 650 hydrogen-powered heavy trucks, plan to fund no less than 100 million yuan (\$14.03 million) yearly during 2022-2035. **(China Daily)**

Chinese brands accelerate overseas localization

Chinese machinery firms integrate globally via overseas factories and R&D centers (address to trade changes and meet local needs). Sany Heavy Industry's second North American factory in Mexico is already in operation (producing excavators and cranes for the Americas), while Zoomlion plans to establish its first R&D center for electric aerial work platforms in Europe. **(Fortune China)**

China's robot production in the first three quarters has already surpassed the total for last year

According to the China Machinery Industry Federation, in the first three quarters, the output of industrial robots reached 595,000 units, and the output of service robots reached 13.5 million sets. Both categories have already exceeded the total output for 2024. The performance and quality of the complete robot products and the key components have also improved significantly. **(China Finance)**

Promoting the application of industrial robots and humanoid robots in factories

At a press conference held by the State Council on November 10, it was proposed to promote "robotics+", to encourage the use of industrial robots and humanoid robots in factories for welding, assembly, painting, and handling, and to promote their use in complex and harsh environments such as mining, civil explosives, and emergency response to improve the level of intelligent operation. **(Ministry of Industry and Information Technology)**