



2025 marks the final year of China's 14th Five-Year Plan and a pivotal period for mapping the 15th Five-Year Plan. Guided by core trends—intelligent upgrading, green transformation, domestic technological breakthroughs, and global layout—China's rubber machinery industry has achieved remarkable progress in core technology R&D, high-end smart manufacturing, and overseas market expansion, advancing from a "major manufacturing country" to a "strong manufacturing power."

Compiled by the Rubber & Plastics Equipment Branch of China National Chemical Information Association, China Rubber & Plastics Technology and Equipment Magazine, and China Rubber & Plastics Equipment Online Platform, the following are the top 10 industry-defining events of 2025, selected via industry recommendations and expert evaluations.



## TOP 10 News of China rubber machinery industry in 2025

### 1 MESNAC secures third consecutive global rubber machinery top spot, leading digital-intelligent upgrade

ERJ MACHINERY SURVEY 2025

Top 20 manufacturers of tire and rubber machinery (by sales)

Supplier	Country	2024 sales USD million	Change vs 2023	2023 sales USD million	Change vs 2022	2022 sales USD million
Mesnac Co., Ltd. <sup>1,2</sup>	China	661	+9.1%	606	+29%	470
VMI Group BV	Netherlands	563	+15.6%	487	+16%	421
HF Group <sup>3</sup>	Germany	484	+7.1%	452	+23%	367
Safe Run Machinery Co., Ltd. <sup>4</sup>	China	280	+11.1%	252	-2%	258
Dalian R & P Machinery Co., Ltd. <sup>5</sup>	China	240	+34.8%	178	+10%	162
Cimcorp Oy	Finland	173	+58.7%	109	n/s	n/s
Kobe Steel Group <sup>6</sup>	Japan	151	+4.9%	144	0%	144
Gullin Rubber R & D Institute <sup>7</sup>	China	133	+11.8%	119	+2%	117
ARP Technologies (Suzhou) Co., Ltd. <sup>8</sup>	China	109	+104.0%	51	+76%	29
Yiyang R & P Machinery Group Co., Ltd. <sup>9</sup>	China	108	+71.4%	63	+9%	58

According to the 2024 Global Rubber Machinery Industry Report released in the May/June 2025 issue of European Rubber Journal (ERJ), MESNAC Co., Ltd. retained its global No.1 position in sales (USD 661 million, +9.1% YoY), achieving a historic three-peat. Adhering to the "Three Global Strategies" (digital intelligence, platformization, and

globalization), Mesnac leverages industrial internet and big data for full-lifecycle intelligent transformation, builds open R&D and industrial collaboration platforms, and expands localized service networks to meet diverse global market needs.

### 2 Dalian rubber & plastic machinery Co., Ltd. (DXS) achieves dual breakthroughs in localization and globalization



A subsidiary of Dalian Heavy Industry Equipment Group, DXS made significant strides in 2025:

**Localization:** Its first 450,000-ton/year polypropylene compounding and extrusion granulation line passed factory acceptance in July, advancing China from a "follower" to a "peer" in this field.

**Globalization:** Opened a Thailand service center in May to enhance Southeast Asian market penetration; delivered a custom ultra-precision four-roll rubber calender to Thai clients in September.

Its high-precision, energy-efficient calenders have gained wide recognition domestically and internationally.

### 3 Guilin rubber R&D institute breaks chokepoint in five-compound extruder technology



In July 2025, Guilin Rubber R&D Institute achieved a breakthrough in key core technologies for five-compound rubber extruders, ending foreign monopolies in high-end green tire equipment. The equipment enables simultaneous in-machine compound extrusion of 5 rubber materials, ensuring high wear resistance and low rolling resistance—fully complying with international standards such as the EU's green tire labeling system. Adopted by Michelin, Zhongce Rubber, and other leading enterprises globally, China joins just two other countries with the capability to design and manufacture such extruders.

### 4 Sinochem rubber machinery's guilin base leads green & intelligent upgrades with key technologies

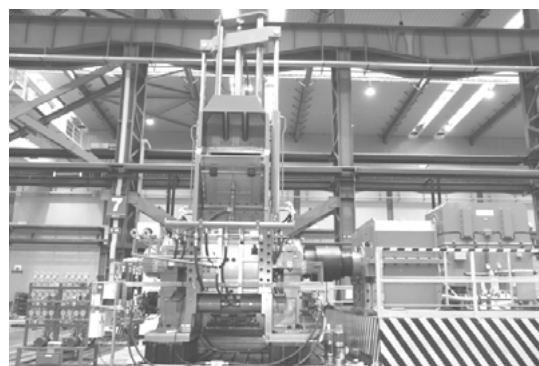


Sinochem's Guilin base delivered outstanding innovations:

Its 57-63 inch all-steel radial giant tire two-stage building machine won the "High-Quality Product" award, overcoming international bottlenecks in extra-large tire production via 4 invention patents.

A new electric-heated solid tire vulcanizer (energy conversion rate >90%) was mass-delivered to leading tire makers, enabling near-zero carbon emissions when paired with green electricity.

### 5 Yiyang Rubber & Plastic Machinery (Yiyang R&P) Excels in Technological Innovation and Global Expansion



Yiyang R&P achieved leapfrog development:

Its self-developed GN700 permanent magnet high-pressure shear internal mixer (600kg/batch, 10-15% energy saving) was certified as an "Innovative Product" and reached international advanced levels.

**Global expansion:** Exported the first DLB-2000X16000 extra-long frame hydraulic press; fulfilled nearly RMB 70



million in vulcanizer orders for Vietnam.

Yiyang R&P have demonstrated the high-end manufacturing strength of China's rubber machinery industry, facilitated the high-end transformation of the industry chain, and laid a solid foundation for deepening market penetration along the "Belt and Road" Initiative.

## 6 Saixiang Technology's tire intelligent equipment key laboratory officially approved

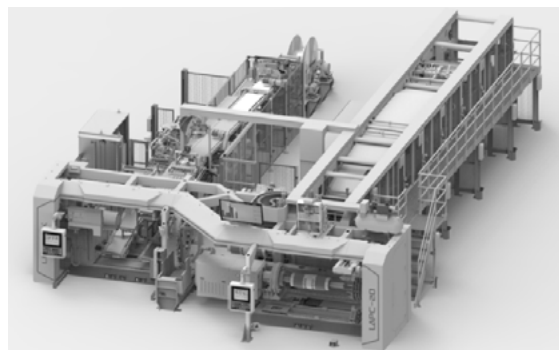


In January 2025, Tianjin Saixiang Technology Co., Ltd.'s Key Laboratory of Tire Intelligent Equipment passed acceptance.

Established in December 2022, the lab focuses on intelligent tire industry standards and foundational smart manufacturing technologies. It has assembled 67 R&D personnel, secured 23 invention patents, participated in formulating 9 national/group standards, and transformed 3 products into market applications.

The official approval of this key laboratory has not only consolidated Saixiang Technology's leading position in innovation but also filled the gap in the research of general-purpose technologies in the field of intelligent tire equipment of China.

## 7 Lina-Aisa Smart Pioneers Green & Intelligent Tire Technologies

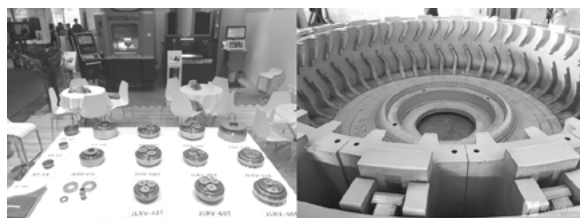


Link-Asia Smart Technology (Suzhou) Co., Ltd. made multiple breakthroughs:

Link-Asia Launched the world's first high-crown one-stage tire building machine, filling the gap in positive sidewall wrapping (previously limited to two-stage machines), improving efficiency, quality, and reducing floor space/labor costs.

Its nitrogen vulcanization electromagnetic heating system and AGV intelligent mold handling patents were recognized as "New Technologies & Products" in Jiangsu Province.

## 8 Greatoo Intelligent Equipment conquers localization of precision equipment and robot core components



Greatoo achieved critical breakthroughs:

Co-developed planetary roller screw CNC equipment with Germany's OPS, ending reliance on German/Japanese imports for high-end roller screw processing (meets humanoid robot linear actuator manufacturing requirements).

Its high-precision RV reducer broke foreign monopolies, with core indicators (backlash, transmission efficiency) reaching international standards and obtaining CR certification.

This technological breakthrough has not only consolidated Greatoo Intelligent Equipment's global leading position in traditional rubber machinery sectors such as tire molds and vulcanizing equipment, but also established a dual-

growth engine of "rubber machinery + core robot components". It further promotes the intelligent manufacturing upgrade of the rubber machinery industry and facilitates the localization process of China's high-end equipment.

### 9 ARP Technologies wins Michelin award for the third time, gaining international recognition



In April 2025, ARP Technologies (Suzhou) was awarded Michelin China's 2024 "Best Supplier Safety Award"—its third Michelin honor (following 2022's "Best Engineering Quality Award" and 2023's "Best Supplier Quality Award"). A long-term Michelin partner (over 20 years), ARP has manufactured over 5,000 tire vulcanizers for 100+ global factories, holding

160+ patents. Its 2025 innovations include air-flow optimized vulcanizers and hydraulic oil-free green equipment.

### 10 National Rubber & Plastics Center Platform empowers industry informatization



The National Rubber & Plastics Center drove high-quality informatization development:

Held its annual meeting and celebrated CHINA RUBBER & PLASTICS TECHNOLOGY AND EQUIPMENT's 50th anniversary in Hohhot in August 2025; established the Rubber & Plastics Equipment Branch (affiliated to China National Petroleum and Chemical Industry Federation).

Launched the English e-version of CHINA RUBBER & PLASTICS TECHNOLOGY AND EQUIPMENT magazine in 2026 to facilitate international exchanges.

Led the revision of national/industry standards and organized evaluations of high-quality/innovative products, promoting industry-academia-research collaboration.

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