



## The industry standard "Digital Intelligent Design Specification for Tire Factories" has passed review

According to the work deployment outlined in the "Notice on Issuing the Second Batch of Industry Standard Revision and Foreign Language Version Project Plan for 2024" (Gongxin Tingke Han [2024] No. 191) issued by the General Office of the Ministry of Industry and Information Technology, the review meeting for the engineering construction industry standard "Digital Intelligent Design Specification for Tire Factory" HG/T 22825 (draft for review), which is jointly compiled by the China Petroleum and Chemical Survey and Design Association (hereinafter referred to as "the Association") as the technical focal unit, the Rubber and Plastics Professional Committee of the Association as the responsible organization, and Zhongce Rubber Group Co., Ltd. as the chief editor unit in conjunction with participating editorial units, was successfully held in Beijing on April 10, 2026.



Sun Fubin, the Deputy Secretary-General of the Association and Director of the Technology Development Department, presided over the meeting and pointed out that this standard focuses on the digital and intelligent design of tire factories. It aims to enhance the production technology level of traditional tire enterprises through advanced technology, aligning with the national standardization work direction. He hoped that the participating experts would review the theme of digital and intelligent design, so that this standard could improve the digital and intelligent technology level of tire factories.



On behalf of the preparation unit, Wang Lijie, General Manager of Bluestar Engineering Co., Ltd., extended a warm welcome to all experts and preparers from various units who had come to Beijing for the meeting. He emphasized that the current rubber industry is in a critical period of digital and intelligent transformation and upgrading. Formulating scientific, rigorous, and practical design standards is of great significance for leading the high-quality development of the industry and improving the level of engineering construction.

Zheng Yusheng, the head of the compilation team, introduced the status of the compilation work: This standard

## 行业标准《轮胎工厂数字智能化设计规范》（送审稿）审查会

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is formulated for the first time, and its content system is newly constructed; considering the rapid technological iteration in the tire industry and frequent updates in the application of new processes and equipment, the content of the standard still needs to be continuously improved in practice. The next step will be to gradually promote the formulation of standards from scratch towards "high quality", fully leveraging the leading role of standards to provide strong support for the standardized development and industrial upgrading of the industry.

The main drafting units have completed the relevant stages of compilation according to the schedule. At this meeting, 15 experts, including the team leader Zhu Dawei, deputy team leaders Wang Qiying and Zhao Ruiqing, were invited to conduct careful and detailed review, discussion, and inquiry of the standard chapter by chapter and clause by clause. They proposed amendments to the HSE digital intelligence of tire factories, the industrial internet security of digital tire factories, and various systems in the utility engineering of tire factories, formed review opinions, and unanimously agreed

that the standard draft for review has passed the expert review. Next, the standard compilation team will further improve the content of the standard based on the review opinions and accelerate the approval process.

The formulation of this standard is targeted at the design of digital intelligent projects for tire factories, covering the full-process digital deployment of research and development, production, management, manufacturing, and safety control in new construction, expansion, and renovation projects. By deeply applying information technologies such as digital twins, artificial intelligence, big data, the Internet of Things, and the Internet, and relying on modes such as network collaboration, personalized customization, and service extension, this standard unifies and standardizes the digital construction standards of various systems. It is of great significance for promoting the digitalization, intelligent upgrading, and high-quality development of tire factories, and plays a leading and guiding role in the development of the industry.

**Contributed by Rubber and Plastic Equipment Platform**

## Sales statistics for China's rubber machinery industry in 2025 have been unveiled

After a survey and statistics of nearly 100 major rubber machinery enterprises nationwide conducted by the Rubber and Plastics Equipment Branch of the China Chemical Industry Information Association, the magazine "China Rubber / Plastics Technology And Equipment", and the online platform of China Rubber and Plastics Equipment, it is found that the overall market of China's rubber machinery industry in 2025 presents a high-level adjustment trend of "domestic slowdown and strong exports". The industry has a high concentration of innovation, with leading enterprises showing significant growth. High-precision, specialized, and unique new products as well as equipment renovation projects are the main growth points.

Based on precise survey and statistics, the total sales revenue of nearly 100 rubber machinery enterprises nationwide has surpassed the 30 billion yuan mark. In 2025, according to the declared rankings, the top 30 enterprises in China's rubber machinery industry achieved a total sales revenue exceeding 28 billion yuan, marking an increase of 2.94 percentage points compared to 2024. Export sales revenue reached 11.422 billion yuan, representing a 17.3% growth from the previous year. The sales revenue of the top 27 enterprises all exceeded 100 million yuan, with significant growth in molding and vulcanization equipment. The number of employees remained basically unchanged from 2024.

In the first quarter of 2026, China's rubber machinery industry saw steady progress, maintaining a steady growth trend. The entire industry exhibited a trend towards larger scale, larger capacity, and sustainable development. High-end intelligent and green equipment saw high growth, and the industry's concentration continued to increase.

The year 2025 marked a period of adjustment for China's rubber machinery industry. Despite a cooling domestic market, the industry achieved a total sales growth of approximately 3.45% thanks to robust export growth. Looking back at the rubber machinery industry in 2025, the following operational characteristics stand out:

(1) Intelligentization upgrade: Domestic orders are primarily focused on new projects, old line renovation, and intelligent upgrades. The transformation and upgrading of the entire industry, structural adjustment, brand strategy, intelligent manufacturing, and the integration of industry, academia, and research continue to be the driving forces for enterprise development;

(2) Shifting gears in growth: After the "mad cow" market in 2024, the market has returned to rationality and entered a phase of high quality and low growth. The sales revenue, output value, and export earnings of the national rubber machinery industry have increased, and profits have improved. In particular, high-quality innovation and new products with high precision, specialization, and uniqueness have emerged as new economic growth points;

(3) Intensified K-type differentiation: Leading enterprises, leveraging their technology, overall strength, and overseas presence, continue to thrive, while traditional small and medium-sized enterprises face increasing survival pressures;

(4) Foreign trade outperforms domestic sales: The depreciation of the RMB, the shift of global production capacity to the East, and cost-effective pricing have driven an explosion in exports, making internationalization a new economic breakthrough point for China's rubber machinery industry to generate revenue.

The enterprises that participated in the declaration of sales output value statistics for 2025 and ranked in the top 30 are listed below (see Table 1 for details).

**Table 1 Sales statistics of top 30 rubber machinery enterprises in China in 2025 (Currency: RMB)**

2025 ranking	Company name	Sales revenue of rubber machinery in 2025 / 10,000 yuan	Export sales revenue of rubber machinery in 2025 / 10,000 yuan	Ranking in 2024
1	Shandong Himile Machinery Technology Co., Ltd	1107 844.00	466 118.00	1
2	MESNAC Co., Ltd	569 669.49	287 357.31	2
3	Dalian Rubber & Plastics Machinery Co. LTD.	192 000.00	65 921.00	3
4	Guilin Rubber Design Institute Co., Ltd	100 978.00	32 229.00	7
5	Huaao Technology (Suzhou) Co., Ltd	86 005.00	38 002.00	10

Table continued

2025 ranking	Company name	Sales revenue of rubber machinery in 2025 / 10,000 yuan	Export sales revenue of rubber machinery in 2025 / 10,000 yuan	Ranking in 2024
6	Qingdao Hilang Holding Co., Ltd	78 126.00	18 635.00	9
7	Greatoo Intelligent Equipment Co., Ltd	73 170.00	17 150.00	5
8	Yiyang Rubber & Plastics Machinery Group Co., Ltd	71 509.00	20 790.00	6
9	Tianjin Saixiang Technology Co., Ltd	61 322.00	41 841.00	8
10	Dalian Huahan Rubber & Plastics Machinery Co., Ltd	50 000.00	18 000.00	12
11	Jiangyin Qinli Rubber & Plastics Machinery Co., Ltd	35 000.00	12 000.00	20
12	Dalian Second Rubber & Plastics Machinery Co., Ltd	34 800.00	7 550.00	11
13	Link-Asia Smart Technology (Suzhou) Co., Ltd	34 488.00	13 458.00	19
14	Guilin Rubber Machinery Co., Ltd	31 960.46	6 373.28	13
15	Beijing Mach Tiancheng Technology Co., Ltd	31 000.00	5 400.00	17
16	Shanghai Hwei Rubber Machinery Engineering Co., Ltd	30 575.00	17 300.00	15
17	Guilin Zhonghao Lichuang Electromechanical Equipment Co., Ltd	28 356.00	11 413.00	22
18	Fujian Jiangyang LUNG Cheung Development Co.,Ltd.	25 200.00	15 630.00	18
19	Wuxi Double Elephant Rubber & Plastics Machinery Co., Ltd.	22 355.00	8 960.00	21
20	Wuxi Quanjinhe Science & Technology Co.,Ltd	19 200.00	3 870.00	25
21	Jiande Xin'anjiang Pneumatic Components Co., Ltd	17 652.00	5 500.00	23
22	Yantai Friend Machinery Co., Ltd	17 350.00	10 900.00	24
23	Shaoxing Jingxiang Machinery Manufacturing Co., Ltd	14 335.00	407.00	28
24	Yuyao Huatai Rubber & Plastics Machinery Co., Ltd	14 002.00	1 548.00	27
25	Qingdao Xiangjie Rubber Machinery Manufacturing Co., Ltd	12 600.00	7 100.00	26
26	Inner Mongolia Fute Rubber and Plastic Machinery Co., Ltd	12 306.00	1 756.00	30
27	JiaZhan (Dalian) Intelligent Equipment Technology Co., Ltd	12 000.00	3 750.00	-
28	Ningbo Qianpu Machinery Manufacturing Co., Ltd	8 547.00	1 796.00	-
29	Qingdao Rubber Construction Industrial Engineering Co., Ltd	8 504.00	1 041.00	29
30	Xiamen Honghai Machinery Co., Ltd	7 168.00	367.00	-
total		2 808 021.95	1 142 162.59	

## Note:

1. The data listed in the table are provided by each company upon reporting (a "-" in the data column indicates that no report has been submitted or no data is available);
2. The data listed in the table has not been officially audited. Due to difficulties in financial statistics, the output value of individual enterprises includes sales of some non-rubber machinery products;
3. Please sort and rank the data based on the output value reported by the enterprises. If there are any inaccuracies, please correct them;
4. The interpretation of this statistics is the responsibility of the Secretariat of the Rubber and Plastics Equipment Branch of the China Chemical Industry Information Association.

Exclusively provided by China Chemical Industry Information Association Rubber and Plastics Equipment Branch, "China Rubber / Plastics Technology And Equipment" Magazine, and China Rubber and Plastics Equipment Online Platform

(This statistics is compiled and organized by the National Rubber and Plastics Center. Please indicate the source: National Rubber and Plastics Center when reprinting)

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