

# China Industrial Robotics Market Size, Share & Trends Analysis Report By Application (Handling, Welding & Soldering, Assembling & Disassembling, Processing, Cleanroom, Dispensing and Others), By End Use, And Segment Forecasts, 2025 - 2033

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## Abstracts

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### China Industrial Robotics Market Summary

The China industrial robotics market size was estimated at USD 9,423.9 million in 2024 and is projected to reach USD 16,545.0 million by 2033, growing at a CAGR of 6.1% from 2025 to 2033. The rapid automation demand across key manufacturing industries such as electronics and automotive, fueled by rising labor costs and workforce aging in China, is significantly boosting the market growth. Additionally, the rising shift towards smart manufacturing is significantly enhancing productivity, quality control, and operational efficiency, thereby driving the rapid expansion of China's industrial robotics industry.

China's growing government initiatives and investments are significantly boosting market demand. For instance, in March 2025, the China National Development and Reform Commission announced the launch of a state-backed venture capital fund aimed at attracting nearly RMB 1 trillion over 20 years to support robotics, AI, and smart manufacturing, underscoring the government's deep commitment to scaling domestic deployment and innovation. By combining heavy investment, targeted policy incentives, and coordinated planning, the government is driving growth in the industrial automation and robotics industry.

Additionally, the rapid advancements in AI-powered industrial robots for various tasks such as floor cleaning, material handling, and assembly are significantly boosting the growth of China's industrial robotics industry. Using advanced AI technologies, these robots improve efficiency, accuracy, and automation across manufacturing and service sectors, lowering labor costs and increasing productivity. The country's strong emphasis on innovation, expanding production capacity, and growing adoption in automotive, electronics, healthcare, and other industries is expected to propel rapid industry growth in the coming years.

Furthermore, the rise of collaborative robots (cobots) and regional industrial hubs is expanding robotics adoption in China, reaching beyond traditional large-scale manufacturers to include small and medium-sized enterprises (SMEs) and specialized sectors. Chinese cities such as Beijing, Shanghai, Shenzhen, and Guangzhou have become innovation centers focusing on AI, electronics, automotive, and aerospace robotics applications. These regional dynamics are accelerating customized automation solutions across China's vast industrial landscape, democratizing access, fostering innovation, and enabling deeper penetration of robotics nationwide, thereby advancing the Chinese industrial robotics industry.

Moreover, major companies operating in China's industrial robotics sector are adopting multifaceted strategies to capitalize on the country's rapid automation growth and government support. Many global leaders and domestic firms are heavily investing in local manufacturing and R&D facilities to customize robots for China's diverse industrial needs while cutting costs and lead times. For example, in July 2025, ABB Ltd launched three new robot families produced at its Shanghai Mega Factory, integrating AI and cloud technologies to provide flexible, scalable solutions for mid-market and SME customers. Such strategies by leading companies are expected to propel market growth in the coming years.

## China Industrial Robotics Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest technology trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the China industrial robotics market report based on application and end use:

Application Outlook (Revenue, USD Million; Volume, Thousand Units; 2021 - 2033)

Handling

Assembling & Disassembling

Welding & Soldering

Cleanroom

Dispensing

Processing

Others

End Use Outlook (Revenue, USD Million; Volume, Thousand Units; 2021 - 2033)

Automotive

Electrical/Electronics

Metal/Heavy Machinery

Chemical, Rubber, & Plastics

Food

Others

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