

Asia Pacific Industrial Automation Market Forecast to 2030 - Regional Analysis - by Component (Hardware and Software), System (Supervisory Control and Data Acquisition, Distributed Control System, Programmable Logic Control, and Other), and End User (Oil & Gas, Automotive, Food & Beverages, Chemical & Materials, Aerospace & Defense, and Others)

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Abstracts

The Asia Pacific industrial automation market is expected to grow from US\$ 66,901.9 million in 2022 to US\$ 135,262.1 million by 2030. It is estimated to grow at a CAGR of 9.2% from 2022 to 2030.

Integration of Robotics in the Construction Industry Fuels Asia Pacific Industrial Automation Market

Construction is one of the most manual-intensive industries, with physical labor being the primary source of productivity. Robots do not yet play a substantial role in any stage of a building's lifecycle, whether it be new commercial construction, refurbishment, or deconstruction. However, with rising automation across all industries, the global construction sector is also experiencing a surge in investment in automated solutions, such as robots.

Several types of robots are being extensively adopted across the construction industry are 3D printing, demolition, and remote-controlled or autonomous vehicles. Since automation across the construction industry is in a very nascent stage, it is expected to propel over the coming years, thereby supporting the market. Due to these opportunities across the sector, several companies have invested heavily in developing advanced construction robots. These factors further fuel the adoption of robots across the

construction industry, which is expected to contribute to the market's growth over the forecast period.

Asia Pacific Industrial Automation Market Overview

The adoption of automation in manufacturing, automotive, electronics, and other industrial sectors is rapidly increasing in APAC. The region is experiencing an upsurge in demand for high-quality products and services, which is driving manufacturers to invest in automation to improve efficiency and productivity. The growing focus on lowering operational costs and improving product quality is leading to the adoption of automation solutions. The increased availability of skilled labor in the region is making it easier for companies to implement automation solutions.

Companies such as ABB, Siemens, and Schneider Electric are operating in the Asia Pacific industrial automation market in APAC. They are investing in R&D and expanding their regional footprint, which is driving the APAC Asia Pacific industrial automation market growth. China, India, Indonesia, and other rapidly growing economies are investing heavily in infrastructure and manufacturing, which is creating a demand for automation solutions. For instance, in 2020, a local food-processing company in China invested US\$ 4.6 million in automating one of its workshops that produces caramel treats, and by doing so was able to reduce the number of workers there by nearly 70%. Thus, such growing investment in automation solutions is fueling the Asia Pacific industrial automation market in the region.

Asia Pacific Industrial Automation Market Revenue and Forecast to 2030 (US\$ Million)

Asia Pacific Industrial Automation Market Segmentation

The Asia Pacific industrial automation market is segmented into component, system, end user, and country.

Based on component, the Asia Pacific industrial automation market is segmented into hardware and software. The hardware segment held a larger share of the Asia Pacific industrial automation market in 2022. The hardware is further sub segmented into motors and drives, robots, sensors, machine vision systems, and others.

Based on system, the Asia Pacific industrial automation market is segmented into supervisory control and data acquisition, distributed control system, programmable logic control, and other. The distributed control system segment held the largest share of the Asia Pacific industrial automation market in 2022.

Based on end user, the Asia Pacific industrial automation market is segmented into oil & gas, automotive, food & beverage, chemical & materials, aerospace & defense, and others. The automotive segment held the largest share of the Asia Pacific industrial automation market in 2022.

Based on country, the Asia Pacific industrial automation market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the Asia Pacific industrial automation market in 2022.

ABB Ltd, Bosch Rexroth AG, Emerson Electric Co, Hitachi Ltd, Honeywell International Inc, Mitsubishi Electric Corp, OMRON Corp, Rockwell Automation Inc, Schneider Electric SE, and Siemens AG are some of the leading companies operating in the Asia Pacific industrial automation market.

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