

South America Autonomous Mobile Robots Market Forecast to 2030 - Regional Analysis - by Component (Hardware and Software & Services), Type (Picking Robots, Self-Driving Forklifts, and Autonomous Inventory Robots), and End Use (Manufacturing and Distribution & Warehousing)

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Abstracts

The South America autonomous mobile robots market was valued at US\$ 9.94 million in 2022 and is expected to reach US\$ 50.06 million by 2030; it is estimated to grow at a CAGR of 22.4% from 2022 to 2030.

Growing Demand for Automated Systems fuel the South America Autonomous Mobile Robots Market

Industry 4.0 transforms how companies manufacture, process, and distribute their products. They are incorporating new technologies such as the Internet of Things (IoT), robotics, analytics, AI, and machine learning into their facilities to boost operational and production efficiencies. Factory automation plays a crucial role in the automation of manufacturing processes to increase production output in minimal time and low labor costs. In addition, it helps improve product quality by minimizing the risk of human error. As a result, industries such as healthcare, automotive, and aerospace are proactively adopting factory automation solutions. Therefore, the growing demand for automation in various industries propels the growth of the South America autonomous mobile robots market.

South America Autonomous Mobile Robots Market Overview

The South American autonomous mobile robots (AMR) market is further segmented into Brazil, Argentina, and the Rest of South America. South American countries have been slow adopters of technologies. Brazil is estimated to be the most significant contributor to the revenue of the South American autonomous mobile robots market during the forecast period. The market growth can largely be attributed to the progressive manufacturing sector in the country. The growing awareness regarding digitization is prompting the development of new business models, income streams, and operational processes. As a result, Brazilian businesses of all sizes are keen to implement Industry 4.0 concepts in their plant operations. In March 2021, Accenture acquired Pollux, a Brazilian company that specializes in industrial robotics and automation systems, to strengthen its digital manufacturing, operations, and supply chain. Pollux services are used by more than 1,000 companies in the manufacturing sector. Further, Geek+ expanded its footprint in South America in July 2022 by partnering with K?rber Supply Chain to support customers across the region with flexible robotic solutions to help them expand warehouse throughput and meet increased consumer expectations on-time. Such strategies by companies are fueling the growth of the autonomous mobile robots market in South America.

South America Autonomous Mobile Robots Market Revenue and Forecast to 2030
(US\$ Million)

South America Autonomous Mobile Robots Market Segmentation

The South America autonomous mobile robots market is segmented based on component, type, end use, and country. Based on component, the South America autonomous mobile robots market is bifurcated into hardware and software & services. The hardware navigation segment held a larger market share in 2022.

Based on type, the South America autonomous mobile robots market is segmented into picking robots, self-driving forklifts, and autonomous inventory robots. The picking robots segment held the largest market share in 2022.

Based on end use, the South America autonomous mobile robots market is bifurcated into manufacturing and distribution & warehousing. The manufacturing segment held a larger market share in 2022.

Based on country, the South America autonomous mobile robots market is segmented

into Brazil, Argentina, and the Rest of South America. Brazil dominated the South America autonomous mobile robots market share in 2022.

ABB Ltd; Geekplus Technology Co Ltd; OMRON Corp; and Teradyne Inc are some of the leading companies operating in the South America autonomous mobile robots market.

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