

South America Automated Storage and Retrieval System (ASRS) Market Forecast to 2030 - COVID-19 Impact and Regional Analysis by Type (Unit Load ASRS, Mini Load ASRS, Vertical Lift Module, Vertical Carousels, Horizontal Carousels, AutoStore, and Others), and End-user Industry (Automotive, Food & Beverages, Electronic & Semiconductors, E-Commerce, Chemicals, Aerospace, Retail, Pharmaceuticals, and Others)

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Abstracts

The South America Automated Storage and Retrieval System (ASRS) Market is expected to grow from US\$ 230.67 million in 2022 to US\$ 410.59 million by 2030. It is estimated to grow at a CAGR of 7.5% from 2022 to 2030.

Emergence of Automation in Storage and Retrieval Tasks is Fueling South America Automated Storage and Retrieval System (ASRS) Market

Storage and retrieval tasks were traditionally carried out manually at the workplace, which consumed more time and experienced several errors in picking and placing the material. Human laborers involved in the storage and retrieval process at various warehouses and distribution centers find it quite tedious and challenging to perform tasks efficiently and end up consuming more time and resources. With enormously increased production quantities, the capabilities of laborers do not match the current demands of higher processing rates and accuracies. Also, errors in the retrieval process hamper the progress of further operations in the chain and thus affects the performance of the entire process. ASRS increases productivity by eliminating wasteful walking,

searching, bending, and reaching time for improved and increased operator safety and increased system throughput. Also, automation reduces human mistakes and makes the storage and retrieval process more accurate. Industries nowadays are experiencing enormous demands for automating storage and retrieving activities, which can further increase the batch processing speeds of consumer goods and various packaged products. Further, automation of these processes helps in reducing the cost of labor which increases its demand and further propel the increasing demand for ASRS.

South America Automated Storage and Retrieval System (ASRS) Market Overview

Increased export and import activities due to the enhanced shipping market is the major contributor to the automated storage and retrieval systems (ASRS) market in South America. Rapid developments in IT infrastructure in Brazil support the progress of automation, which provides a conducive environment for the adoption of automated storage systems in South America. The region has a large consumer goods industry, which is contributing to the rise in implementations of automated storage and retrieval systems.

Swift digitization in South America, together with considerably high production rates, is compelling businesses to depend more on machines for improved accuracy and productivity. In the era of automation, automated and programmed machinery plays a crucial role in lessening the associated cost and time, and confers additional abilities such as control, monitoring, and security. The increased awareness of the need for enhanced safety at workplaces in industrial facilities, and developments in areas such as wireless technologies and robotics further boost the adoption of ASRS in South American countries.

The e-commerce sector accounts for most of the demand for ASRS in the region. The Brazilian e-commerce industry rose by 31% in the first six months of 2021, compared to the first six months of 2020. In addition, the total number of orders increased by 7.4%. Owing to an exponential rise in the number of online shoppers, e-commerce establishments are setting up warehouses in various South American countries. ASRS solutions play an important role in order fulfillment in the e-commerce industry.

South America Automated Storage and Retrieval System (ASRS) Market Revenue and Forecast to 2030 (US\$ Million)

South America Automated Storage and Retrieval System (ASRS) Market Segmentation

The South America Automated Storage and Retrieval System (ASRS) Market is segmented into type, end use industry, and country. Based on type, the market is categorized into unit load ASRS, mini load ASRS, vertical lift module, vertical carousels, horizontal carousels, autoStore, and others. The vertical lift module segment registered the largest market share in 2022.

Based on end use industry, the market is segmented into automotive, food & beverage, e-commerce, chemicals, aerospace, retail, pharmaceuticals, and others. The e-commerce held the largest market share in 2022.

Based on country, the market is segmented into Brazil, Argentina, and the Rest of South America. Brazil dominated the market share in 2022.

SSI Schafer; Swisslog Holding AG; System Logistics SpA; Bastian Solutions LLC; Daifuku Co Ltd; Kardex Holding AG; KNAPP AG; Mecalux SA; Vanderlande Industries BV; and Autocrib Inc are the leading companies operating in the Automated Storage and Retrieval System (ASRS) Market in the region.

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