

South & Central America Mini Load ASRS Market Size and Forecast (2021 - 2031)

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Abstracts

The South & Central America Mini Load ASRS market is projected to increase from US\$ 47.7 million in 2024 to US\$ 96.4 million by 2031, reflecting a CAGR of 10.8% during the 2025–2031 period.

Market Overview

The South & Central America Mini Load ASRS market is evolving in line with the transformation of logistics and supply chain networks, driven by the rapid growth of e-commerce and manufacturing activities. As a result, automation solutions such as mini load ASRS are being increasingly deployed in modern warehouse environments.

A notable development occurred in August 2025, when DP World established its first multi-client warehouse in Brazil, located in Cajamar, S?o Paulo. Spanning approximately 100,000 square meters, this facility marks a significant expansion of its contract logistics operations. Designed to serve multiple businesses through shared infrastructure, it offers a scalable and cost-efficient model that strongly aligns with the benefits of mini load ASRS technology.

This expansion reflects a broader regional shift toward smart logistics and warehouse automation as companies seek to enhance operational efficiency and competitiveness. Mini load ASRS systems are particularly well suited for high-speed order fulfillment, precise inventory management, and efficient vertical space utilization, making them ideal for urban distribution centers and multi-client facilities.

As Brazil and other South American economies continue strengthening their logistics capabilities, demand for advanced automated storage systems is expected to rise

further. Supportive government initiatives for industrial modernization, along with growth in sectors such as retail, consumer goods, and pharmaceuticals, are also contributing to market expansion.

With large-scale investments like DP World's logistics infrastructure development, the region is steadily advancing toward deeper integration of automation technologies, strengthening its position within the global supply chain ecosystem.

Market Segmentation

By Type: Storage, order picking, distribution, kitting, assembly, others

(Storage segment held the largest share in 2024)

By End Use Industry: Automotive, food & beverage, electronics & semiconductors, e-commerce, chemicals, aerospace, retail, pharmaceutical, others

(Automotive segment led the market in 2024)

Market Outlook

Supply chain resilience has become a key priority for companies in response to disruptions caused by pandemics, geopolitical tensions, and natural disasters. In this context, mini load ASRS systems are playing an increasingly important role by automating critical warehouse processes and reducing reliance on manual labor, which is often vulnerable to workforce shortages and operational disruptions.

These systems help ensure operational continuity by delivering consistent performance even during disruptions. Their ability to maintain accurate inventory tracking and handle diverse product categories enhances flexibility and enables faster recovery from supply chain interruptions.

In addition, the modular design of mini load ASRS allows businesses to scale or reconfigure systems efficiently in response to shifting demand conditions. Improved inventory visibility and faster order processing further strengthen supply chain agility and responsiveness.

Country Insights

Brazil dominates the South & Central America Mini Load ASRS market, supported by rapid growth in e-commerce and contract logistics. The increasing complexity and volume of distribution operations are driving strong demand for advanced warehouse automation technologies.

For instance, on August 7, 2025, DP World launched a new multi-client warehouse in Cajamar, near S?o Paulo, expanding its contract logistics capabilities. The facility offers flexible storage and fulfillment services across industries such as retail, manufacturing, and consumer goods. It integrates advanced automation systems, including automated storage and retrieval solutions, to improve inventory accuracy, speed up processing, and enhance operational efficiency.

This development reflects a broader trend of logistics modernization across Brazil. Continued investment in automated infrastructure is improving supply chain performance and positioning the country as a leading logistics hub in South America, capable of meeting increasingly complex distribution demands.

Competitive Landscape

Key players operating in the market include SSI SCHAEFER Group, Swisslog Holding AG, Daifuku Co Ltd, Kardex Holding AG, KNAPP AG, Mecalux SA, Vanderlande Industries BV, Exotec SAS, Hai Robotics Co Ltd, Modula Group, and others.

These companies are focusing on innovation, geographic expansion, and mergers and acquisitions to strengthen their market presence and capitalize on the growing demand for automated warehouse solutions across the region.

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