

Automated Storage and Retrieval Systems Market Reach USD 12.92 Billion by 2027 at 7.2% CAGR Globally

WILMINGTON, DE, UNITED STATES, August 25, 2025 /EINPresswire.com/ -- Allied Market Research published a new report, titled, "Automated Storage and Retrieval Systems Market Reach USD 12.92 Billion by 2027 at 7.2% CAGR Globally." The report offers an extensive analysis of key growth strategies, drivers, opportunities, key segments, Porter's Five Forces analysis, and competitive landscape. This study is a helpful source of information for market players, investors, VPs, stakeholders, and new entrants to gain a thorough understanding of the industry and determine steps to be taken to gain competitive advantage.

The [automated storage and retrieval system market](#) size was valued at USD 7,351 million in 2019, and is projected to reach USD 12,928 million by 2027, growing at a CAGR of 7.2% from 2020 to 2027.

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Driving Factors

Surge in demand for ASRS in Aviation industry, rise in need to reduce costs and achieve optimum utilization of space, and increase in implementation of ASRS in distribution supply chain & inventory management fuel the growth of the global automated storage and retrieval systems market. On the other hand, huge initial investment and dearth of skilled labor & technical expertise impede the growth to some extent. However, increase in automation in e-commerce across the globe and growth of the aviation industry in Asia-Pacific region are expected to create multiple opportunities in the industry.

Market Segmentation

The automated storage and retrieval system market is segmented into type, function, industry vertical, and region. On the basis of type, it is classified into autostore, carousel, mid load, mini load, unit load, and vertical lift module. On the basis of function, it is divided into on-assembly, distribution, kitting, order picking, storage, and others. By industry vertical, it is segregated into aviation, automotive, chemicals, retail & e-commerce, food & beverages, healthcare, metals & heavy machinery, semiconductors & electronics, and others. Region wise, it is analyzed across

North America, Europe, Asia-Pacific, and LAMEA.

Key Players

The market players operating in the automated storage and retrieval system market analysis include Bastian Solutions, Inc., Beumer Group, Daifuku Co., Ltd., Dematic, Honeywell Intelligrated, Kardex Group, KNAPP AG, Murata Machinery, Ltd., SSI Schaefer Group, and TGW Logistics Group.

If you have any questions, Please feel free to contact our analyst at:

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Based on region, Europe, followed by Asia-Pacific and North America, held the highest share in 2019, garnering nearly two-fifths of the global automated storage and retrieval systems market. This is due to growth in the e-commerce industry and modernization of infrastructure & manufacturing facilities in this province. Simultaneously, Asia-Pacific is projected to manifest the fastest CAGR of 9.9% throughout the forecast period. Increase in adoption of automated systems in the industrial sectors and improved & safe working conditions in the areas of robotic systems, wireless technologies, and driverless vehicles foster the demand for ASRS in the region.

Based on function, the storage segment accounted for nearly one-third of the global automated storage and retrieval systems market revenue in 2019, and is expected to rule the roost by the end of 2027. The fact that automated storage systems provides solid inventory storage to maximize the floor space fuels the growth of the segment. The knitting segment, on the other hand, would grow at the fastest CAGR of 11.7% during the study period. Rise in competition between the manufacturers and marketers have propelled the adoption of industrial transformation in the knitting industry.

Based on industry vertical, the automotive segment contributed to nearly one-fourth of the global automated storage and retrieval systems market share in 2019, and is anticipated to lead the trail by 2027. The automotive sector has become extremely competitive and the players are making efforts to cut down unnecessary costs. This factor propels the growth of the segment. At the same time, the healthcare & pharmaceuticals segment would portray the fastest CAGR of 11.7% till 2027. Healthcare industry is leveraging ASRS technologies to help their inventory be more efficient and reduce labor errors which, in turn, drives the segment growth.

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COVID-19 Scenario

□ With the outbreak of COVID-19, a lot of precautionary measures have been taken by the

government bodies to prevent further spread of the virus. And, with lockdown coming into the scenario, there have been huge disruptions in the automated storage and retrieval systems.

□ In a nutshell, the overall inventory management system in industries like automotive, food & beverages, chemicals, e-commerce, semiconductors & electronics, and healthcare has been affected with huge economic implications to linger for months to come.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into market dynamics and will enable strategic decision-making for existing market players as well as those willing to enter the market.

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

Contact:

David Correa
1209 Orange Street,
Corporation Trust Center,
Wilmington, New Castle,
Delaware 19801 USA.
Int'l: +1-503-894-6022
Toll Free: +1-800-792-5285
UK: +44-845-528-1300 | India (Pune): +91-20-66346060

David Correa
Allied Market Research
+1 800-792-5285
[email us here](#)
Visit us on social media:
[LinkedIn](#)
[Facebook](#)
[YouTube](#)
[X](#)

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