Automated Storage & Retrieval Systems Market: By Type (Unit Load, Mini Load, Micro Load, Others) By Equipment (Storage Aisles, S/R Machines) By Function (Order Picking, Storage, Others) By Applications - Forecast (2015 - 2021)

Description:

"Automated Storage & Retrieval Systems Market: By Type (Unit Load, Mini Load, Micro Load, Others) By Equipment (Storage Aisles, S/R Machines) By Function (Order Picking, Storage, Others) By Applications (Automotive, Chemical, F&B) - Forecast (2015 - 2021)"

Automated Storage and Retrieval systems refers to machinery which automates storage/retrieval operations to ensure precision, accuracy and speed in performing storage and retrieval operations. As an extension of Material Handling Equipment, AS/RS eliminate human intervention in performing basic operations such as precise storage of an item to predefined location, removal of an item automatically, transferring the goods to specific processing or interface point and so on. AS/RS aids in increasing storage capacity, facilitates efficient floor space utilization and better labor productivity in logistic operations.

The emergence of Automated Storage and Retrieval Systems has created a transformational change in industrial operations. AS/RS systems have the ability to carry any category of material, products and perform these functions in effective and organized manner. The range of product moved by automated storage and retrieval system varies from heavy metal components to small electronic components.

The global market for Automated Storage and Retrieval Systems (AS/RS) has been segmented based on their type, equipment, applications and functions. The market has also been segmented based on different geographical segment. Under the type segment the market has been segmented into Unit-Load AS/RS or Fixed-Aisle S/R System, Mini-Load AS/RS, Micro-Load AS/RS, Vertical Lift Modules and Carousels. Under the equipment segment the market has been categorized into Storage Aisles and Storage/Retrieval (S/R) machines. AS/RS market has also been segmented based on the type of functions they perform into assembly, order picking, storage, consolidation, replenishment and kitting. On the basis of their applications in various industries the market has been classified into Automotive, Chemicals, Food & Beverage, General Manufacturing, Semiconductors & Electronics, Life Sciences, Aerospace and E-commerce among others.

Unit-load as well as Mini-load AS/RS systems are the most preferred type of AS/RS systems contributing to more than half of the overall market in 2014. APAC region emerged out to be the global market leader for AS/RS market in 2014 and is estimated to remain the market leader throughout the forecast period followed by Europe and Americas.

The overall market is also presented from the perspective of different geographic regions and the key countries in each region. The market has been segmented in to four regions North America, Europe, Asia-Pacific and Rest of the World. Competitive landscape for industry and market players are profiled with attributes of company overview, financial overview, business strategies, product portfolio and recent developments.

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