

Asia Pacific Automated Guided Vehicle Market By Component (Hardware, Software and Services) By type (Tow Vehicle, Pallet Truck, Unit Load Carrier, Hybrid Vehicles and Forklift Truck & Others) By Navigation Technology (Laser Guidance, Vision Guidance, Magnetic Guidance, Inductive Guidance and Natural Navigation & Others) By Application (Logistics & Warehousing, Assembly, Packaging, Trailer Loading & Unloading and Raw Material Handling & Others) By End User (Automotive, Manufacturing, Logistics, Food & Beverages, Retail, Healthcare and Others) By Country, Industry Analysis and Forecast, 2019 - 2025

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Abstracts

The Asia Pacific Automated Guided Vehicle Market would witness market growth of 14.4% CAGR during the forecast period (2019-2025).

Automated guided vehicle (AGV) systems help in moving and transporting items in warehouses, manufacturing facilities, and distribution centers without any fixed conveying system or manual intervention. It follows configurable guide paths to optimize storage, picking, and transport functionality in the premium space environment. Last few decades witnessed significant advances in robotic technology. AGVs have now become the mainstay of distribution center operations and manufacturing facilities where activities are repetitive and structured. On the basis of the requirement, automated

vehicles are required for various industries, such as automotive, pharmaceuticals, warehouses and distribution, and food and beverages. Keeping into consideration the intensity of the task, AGVs are available through various payload capacities from 3 kg to 65 tons.

The e-commerce industry has grown dramatically in developing economies in the Asia-Pacific region, like China and India. Such an improvement in the e-commerce sector allows a variety of e-commerce companies to take part in these regional markets. Therefore, competition in the e-commerce sector is intensifying and the established industry is trying to differentiate itself by attempting to reduce the time required to deliver the products to end-users. Deploying AGVs in warehouses helps e-commerce companies automate intralogistics operations, such as sorting, selecting and palletizing, while increasing efficiency. The acceptance of AGVs by the e-commerce industry is growing considerably as the incumbents of the industry try to implement a reliable storage mechanism and improve efficiency.

Based on Component, the market is segmented into Hardware, Software and Services. Based on type, the market is segmented into Tow Vehicle, Pallet Truck, Unit Load Carrier, Hybrid Vehicles and Forklift Truck & Others. Based on Navigation Technology, the market is segmented into Laser Guidance, Vision Guidance, Magnetic Guidance, Inductive Guidance and Natural Navigation & Others. Based on Application, the market is segmented into Logistics & Warehousing, Assembly, Packaging, Trailer Loading & Unloading and Raw Material Handling & Others. Based on End User, the market is segmented into Automotive, Manufacturing, Logistics, Food & Beverages, Retail, Healthcare and Others. Based on countries, the market is segmented into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include ABB Group, Kion Group (Dematic), Toyota Industries Corporation (Bastian Solutions LLC), Daifuku Co., Limited, John Bean Technologies Corporation, Oceaneering International, Inc., Kuka AG (Swisslog Holding), Hyster-Yale Materials Handling, Inc., E&K Automation GmbH, and The Krones Group.

Scope of the Study

Market Segmentation:

By Component

Hardware

Software

Services

By Type

Tow Vehicle

Pallet Truck

Unit Load Carrier

Hybrid Vehicles

Forklift Truck & Others

By Navigation Technology

Laser Guidance

Vision Guidance

Magnetic Guidance

Inductive Guidance

Natural Navigation & Others

By Application

Logistics & Warehousing

Assembly

Packaging

Trailer Loading and Unloading

Raw Material Handling & Others

By End User

Automotive

Manufacturing

Logistics

Food & Beverages

Retail

Healthcare

Others

By Country

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

Companies Profiled

ABB Group

Kion Group (Dematic)

Toyota Industries Corporation (Bastian Solutions LLC)

Daifuku Co., Limited

John Bean Technologies Corporation

Oceaneering International, Inc.

Kuka AG (Swisslog Holding)

Hyster-Yale Materials Handling, Inc.

E&K Automation GmbH

The Krones Group

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