

North America Automated Guided Vehicle Market Forecast to 2030 – Regional Analysis – by Technology (Wired Navigation, Guide Tape Navigation, Laser Target Navigation, Magnetic Navigation, and Others), Vehicle Type (Pallet Trucks, Unit Load Carriers, Driverless Trains, Forklift Trucks, and Others), and End User (General Manufacturing, Food and Beverage, Aerospace, Retail, Healthcare, Logistics, Automotive, and Others)

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Abstracts

The North America automated guided vehicle market was valued at US\$ 1,161.16 million in 2022 and is expected to reach US\$ 2,976.90 million by 2030; it is estimated to grow at a CAGR of 12.5% from 2022 to 2030.

Huge Growth in E-Commerce Sector fuel the North America Automated Guided Vehicle Market

The growing e-commerce sector worldwide has surged the adoption of the automated material handling process. E-commerce companies such as Alibaba, Walmart, Amazon, and Flipkart are increasing their focus on automated material handling to reduce operational costs and increase inventory size. In 2023, the successful launch of Rocrich AGV systems was announced by German intralogistics pioneer Jungheinrich and Mitsubishi Logisnext Americas, a major North American provider and manufacturer of material handling, automation, and fleet systems.

The players operating in the e-commerce industry are upgrading, and industry

executives are trying to stand out by lowering the time taken to deliver products to end users. The adoption of AGVs in the e-commerce industry is increasing extensively as industry executives try to roll out a reliable storage process and improve efficiency. Further, the deployment of AGVs in warehouses is helping e-commerce companies automate the intralogistics tasks, such as picking, sorting, and palletizing, thereby increasing efficiency.

North America Automated Guided Vehicle Market Overview

The North American automated guided vehicles market is segmented into the US, Canada, and Mexico. The US is estimated to hold the largest automated guided vehicles market share during the forecast period. The adoption of AGVs in North America has been experiencing rapid growth across the manufacturing, warehousing, automotive, pharmaceuticals, and e-commerce industries. As businesses aim to improve efficiency and reduce operational costs, AGVs have become an attractive solution to overcome these issues. The surge in e-commerce activities in North America is a key factor boosting the demand for AGVs.

North America Automated Guided Vehicle Market Revenue and Forecast to 2030 (US\$ Million)

North America Automated Guided Vehicle Market Segmentation

The North America automated guided vehicle market is segmented based on technology, vehicle type, end user, and country. Based on technology, the North America automated guided vehicle market is segmented into wired navigation, guide tape navigation, laser target navigation, magnetic navigation, and others. The laser target navigation segment held the largest market share in 2022.

Based on vehicle type, the North America automated guided vehicle market is segmented into pallet trucks, tow vehicle, tugger trains, forklift trucks, and others. The tow vehicle segment held the largest market share in 2022.

Based on end user, the North America automated guided vehicle market is segmented into general manufacturing, food and beverage, aerospace, retail, healthcare, logistics, automotive, and others. The logistics segment held the largest market share in 2022.

Based on country, the North America automated guided vehicle market is segmented into the US, Canada, and Mexico. The US dominated the North America automated

guided vehicle market share in 2022.

Bastian Solutions LLC; Daifuku Co Ltd; Dematic Corp; Hyster-Yale Group Inc; John Bean Technologies Corp; Jungheinrich AG; Kion Group AG; Konecranes Plc; Murata Machinery Ltd; and Toyota Material Handling Inc are some of the leading players operating in the North America automated guided vehicle market.

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