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Middle East & Africa 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 Middle East & Africa automated guided vehicle market was valued at US$ 201.92 million in 2022 and is expected to reach US$ 471.06 million by 2030; it is estimated to grow at a CAGR of 11.2% from 2022 to 2030.

Increasing Industrialization and Automation in Industries fuel the Middle East & Africa Automated Guided Vehicle Market

Industrialization and automation are revolutionizing the way businesses and industries operate across the Middle East & Africa. Automation has enabled businesses to become more cost-effective and efficient by excluding labor-intensive tasks and increasing production accuracy and speed. Automation also has the potential to improve product quality and decrease human error. It has allowed businesses to improve customer service, modernize their operations, and reduce customer wait times. Automation is also helping businesses become more flexible, acknowledging them to respond quickly to changes in the market. As businesses embrace automation, they quickly realize the benefits it can bring to their operations. Industrialization and

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automation in industries are growing significantly. For instance, in June 2023, Rockwell Automation announced that 85% of automotive manufacturers plan to maintain or even increase their workforce due to technology adoption. In addition, 64% of businesses use software to automate processes, and 54% of leaders are increasing automation to address labor shortages.

According to the data of SSE Automation, industrial production has grown rapidly, and almost 90% of companies perceive benefits in automation. Automated guided vehicles are widely used for several purposes: increasing safety, lowering production time, assuring high production volume, and minimizing the risk of human mistakes. Thus, growing industrialization and automation in industries drive the Middle East & Africa automated guided vehicles market.

Middle East & Africa Automated Guided Vehicle Market Overview

The Middle East & Africa automated guided vehicle market is segmented into Saudi Arabia, the UAE, South Africa, and the Rest of Middle East & Africa. For cost savings and better operational efficiencies, the food, pharmaceutical, and logistics industries seek solutions that can optimize their inventories, deliver products efficiently, and maintain a balance between supply and demand. With better access to advanced IT infrastructure and equipment, the performance of the workforce in an organization is likely to increase significantly. For example, the demand for automated dispensing systems is estimated to grow due to increasing implementations of AGVs by these industries.

Middle East & Africa Automated Guided Vehicle Market Revenue and Forecast to 2030 (US$ Million)

Middle East & Africa Automated Guided Vehicle Market Segmentation

The Middle East & Africa automated guided vehicle market is segmented based on technology, vehicle type, end user, and country. Based on technology, the Middle East & Africa 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 Middle East & Africa 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.

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Based on end user, the Middle East & Africa 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 Middle East & Africa automated guided vehicle market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa automated guided vehicle market share in 2022.

Daifuku Co Ltd; Dematic Corp; John Bean Technologies Corp; Jungheinrich AG; Konecranes Plc; Murata Machinery Ltd; and Toyota Material Handling Inc are some of the leading players operating in the Middle East & Africa automated guided vehicle market.

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