

Global Automated Guided Vehicle (AGV) Market 2022-2028

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Abstracts

An automated guided vehicle or automatic guided vehicle (AGV) is a mechanical vehicle which carries a load through either an assembly, manufacturing or warehousing facility. Using an AGV instead of a human removes the potential for human mistakes. This also reduces product and equipment damage in the distribution center. Reduced errors leads to increased productivity and improved bottom line. The global automated guided vehicles (AGV) market was estimated at USD 2,247 million in 2021 and is expected to hit USD 6,428 million by 2028, registering a CAGR of 16.2% from 2022 to 2028 as per the latest report by Gen Consulting Company.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global automated guided vehicles (AGV) market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the automated guided vehicles (AGV) industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, navigation technology, battery, application, end user, and region. The global market for automated guided vehicles (AGV) can be segmented by type: assembly line vehicles, forklift vehicles, pallet trucks, tow vehicles, unit load carriers, others. The tow vehicles segment held the largest share of the global automated guided vehicles (AGV) market in 2021 and is anticipated to hold its share during the forecast period. Automated guided vehicles (AGV) market is further segmented by navigation technology: inductive guidance, laser guidance, magnetic guidance, optical tape guidance, vision guidance, others. Globally, the laser guidance segment made up the largest share of the automated guided vehicles (AGV) market.

Based on battery, the automated guided vehicles (AGV) market is segmented into: lead battery, lithium-ion battery, nickel-based battery. The lead battery segment was the largest contributor to the global automated guided vehicles (AGV) market in 2021. On the basis of application, the automated guided vehicles (AGV) market also can be divided into: manufacturing, warehouse and distribution. Automated guided vehicles (AGV) market by end user is categorized into: automotive, aerospace, e-commerce, electrical and electronics, food and beverages, healthcare, industrial, others. The automated guided vehicles (AGV) market by region can be segmented into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By type:

assembly line vehicles

forklift vehicles

pallet trucks

tow vehicles

unit load carriers

others

By navigation technology:

inductive guidance

laser guidance

magnetic guidance

optical tape guidance

vision guidance

others

By battery:

lead battery

lithium-ion battery

nickel-based battery

By application:

manufacturing

warehouse and distribution

By end user:

automotive

aerospace

e-commerce

electrical and electronics

food and beverages

healthcare

industrial

others

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The report also provides a detailed analysis of several leading automated guided vehicles (AGV) market vendors that include Amerden Inc., Balyo SA, Daifuku Co., Ltd., E&K Automation GmbH, Hyster-Yale Materials Handling, Inc., JBT Corporation, Jungheinrich AG, Kion Group AG, KUKA AG, Murata Machinery, Ltd., Oceaneering International, Inc., Scott Systems International, Inc., Seegrid Corporation, SSI SCHAFER - Fritz Schafer GmbH, System Logistics S.p.A., Toyota Industries Corporation, among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global automated guided vehicles (AGV) market.

To classify and forecast the global automated guided vehicles (AGV) market based on type, navigation technology, battery, application, end user, region.

To identify drivers and challenges for the global automated guided vehicles (AGV) market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global automated guided vehicles (AGV) market.

To identify and analyze the profile of leading players operating in the global automated guided vehicles (AGV) market.

Why Choose This Report

Gain a reliable outlook of the global automated guided vehicles (AGV) market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Aerospace
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Electrical and electronics
Food and beverages
Healthcare
Industrial
Others

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Asia Pacific
Europe
North America
Rest of the World (RoW)

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Balyo SA
Daifuku Co., Ltd.
E&K Automation GmbH
Hyster-Yale Materials Handling, Inc.
JBT Corporation
Jungheinrich AG

Kion Group AG

KUKA AG

Murata Machinery, Ltd.

Oceaneering International, Inc.

Scott Systems International, Inc.

Seegrid Corporation

SSI SCHAFFER - Fritz Schafer GmbH

System Logistics S.p.A.

Toyota Industries Corporation

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