

Autonomous Mobile Robot Market Revenues to Reach USD 6.94 billion by 2028 - Market Size, Share, Forecasts, & Trends Analysis Report by Mordor Intelligence

According to a new market research report titled “[Autonomous Mobile Robot Market Report \(2023-2028\)](#),” the market is estimated at USD 3.36 billion in 2023. It is expected to register a CAGR of 15.60% during the forecast period.

The fundamental benefit of an AMR is its ability to understand its operating environment, enabling it to navigate around obstacles and operate safely in the presence of human operators. In disparity with an automated guided vehicle, an AMR can use data from cameras, laser scanners, and other sensors to understand its operating environment and make the decisions needed to move around it. Strengthening robotics, autonomous technologies, and IoT advancements have created an ideal environment for adopting connected industrial autonomous vehicles beyond various industries.

Report Summary:

Report Attribute	Details
Market Size (2023)	USD 3.36 billion
Market Size (2028)	USD 6.94 billion
CAGR (2023-2028)	15.60%
Study Period	2018-2028
Forecast Units	Value (billion)
Fastest Growing Market	Asia-Pacific
Largest Market	Asia-Pacific
Report Scope	Market Dynamics, Revenue Forecast and Segmentation, Competitive Landscape, and Recent Developments, Market Growth, Future Opportunities, and Trends
Key Market Drivers	The growing burden of cancer.
	Increasing robotics, autonomous technologies, and IoT advancements.

Who are the Top Companies in the Autonomous Mobile Robot Market?

The global AMR market is highly fragmented, with the presence of major players.

The key players holding the global AMR market are:

- Fetch Robotics (Zebra Technologies Corporation)
- Mobile Industrial Robots (Mir)(Teradyne Inc.)
- Geek+ Technology Co. Ltd.
- Vecna Robotics Inc.
- Seegrid Corporation
- Aethon Inc. (ST ENGINEERING HUB)

- Omron Corporation
- OTTO Motors
- Clearpath Robotics
- HiK Robot
- Softbank Robotics
- SMP Robotics

Other Reports That Might Be of Your Interest:

- [Robot Market for Commercial Buildings Report](#) - The global robot market for commercial buildings is expected to reach USD 2.3 billion in the current year and will register a CAGR of 27.1% over the forecast period.
- [Surgical Robots Market Report](#) - The surgical robots market size is estimated at USD 6.98 billion in 2023 and is expected to reach USD 10.78 billion by 2028 at a CAGR of 9.07% during the forecast period.

Key Highlights from the Autonomous Mobile Robot Market Report:

Automotive Sector to Hold the Largest Market Share

- AMRs enable automotive manufacturers to streamline the material flow, shorten lead time, and achieve more efficient production. Furthermore, as automotive manufacturers prioritize flexibility over volume throughout the forecast period, with the adoption of Just-In-Time (JIT) manufacturing techniques, autonomous mobile robots (AMRs) are becoming progressively popular as a logistic solution that can adapt rapidly to altering production layouts and processes.
- Employing robotics in vehicle manufacturing is estimated to continue to grow fast enough to speed up production. Auto manufacturers are investing to leverage what they already know about robotics and manufacturing to mount their share in the robotics market.

Asia-Pacific to Account for Major Market Growth

- Asia-Pacific held the largest market share in 2022 and is anticipated to witness the highest growth during the forecast period. The growing e-commerce industry in APAC's emerging nations is encouraging the usage of autonomous mobile robots for inventory management.
- China has always been an important user of industrial robots. However, owing to various government initiatives like "Made in China 2025", it aims to improve its research capacities in robots, artificial intelligence (AI), and cloud data technologies.

What are the Latest Developments in the Autonomous Mobile Robot Market?

- In May 2023, Mitsubishi Electric Corporation strategically invested in Clearpath Robotics, the parent company of autonomous mobile robot leader OTTO Motors. The investment is expected to expand the strategic relationship between OTTO Motors and Mitsubishi Electric and strengthen the two companies' commercial collaboration.
- In April 2023, Radial Inc. collaborated with Geek+ to provide automation and robotics for its new 601,045-square-foot fulfillment center in Indianapolis, Indiana, creating over 100 new jobs in the local community by positioning nearly 200 P800 autonomous mobile robots (AMR).

Mordor Intelligence has Segmented the Autonomous Mobile Robot Market Based on Type, End-user Industry, and Geography:

- By Type
 - Unmanned Ground Vehicle
 - Humanoid
 - Unmanned Aerial Vehicle
 - Unmanned Marine Vehicle
- By End-user Industry
 - Defense and Security
 - Warehouse and Logistics
 - Energy and Power
 - Automotive
 - Manufacturing
 - Oil and Gas
 - Mining and Minerals
 - Other End-user Industries
- By Geography
 - North America
 - United States
 - Canada
 - Europe
 - United Kingdom
 - Germany
 - France
 - Rest of Europe
 - Asia-Pacific
 - China
 - India
 - Japan
 - Rest of Asia-Pacific
 - Latin America
 - Brazil
 - Argentina
 - Rest of Latin America
 - Middle East & Africa
 - South Africa
 - Saudi Arabia
 - United Arab Emirates
 - Rest of Middle East & Africa

In a nutshell, the Mordor Intelligence market research report is a must-read for start-ups, industry players, investors, researchers, consultants, business strategists, and all those who are looking to understand this industry. Get a glance at the [Autonomous Mobile Robot Market Report \(2023-2028\)](#).

Mordor Intelligence constantly tracks industry trends. Some relevant market reports from the analysts that might be of interest to you:

- [Construction Robots Market Report](#) - The construction robots market size is expected to grow from USD 331.70 million in 2023 to USD 681.80 million by 2028 at a CAGR of 15.50% during the forecast period (2023-2028).
- [Household Robots Market Report](#) – The household robots market size is estimated at USD 7.98 billion in 2023 and is expected to reach USD 18.90 billion by 2028 at a CAGR of 18.81% during the forecast period (2023-2028).
- [Global Mobile Robots Market Report](#) - The global mobile robots market size is estimated at USD 5.48 billion in 2023 and is expected to reach USD 18.48 billion by 2028 at a CAGR of 27.50% during the forecast period (2023-2028).

About Mordor Intelligence:

[Mordor Intelligence](#) is a market intelligence and advisory firm. At Mordor Intelligence, we believe in predicting butterfly effects that have the potential to change or significantly impact market dynamics.

Our market research reports are comprehensive and provide exclusive data, facts and figures, trends, and the industry's competitive landscape.