

Autonomous Mobile Manipulator Robots Market Report | Global Analysis, Statistics & Revenue Research Report by 2028

The key market competitors of the global AMMR market are Yaskawa Electric Corp, Fanuc Corporation, ABB Ltd., Staubli International AG, and OMRON Corporation.

DOUGLAS, ISLE OF MAN, November 8, 2022 /EINPresswire.com/ -- [Autonomous Mobile Manipulator Robots \(AMMR\) Market](#) Size Analysis:

“

The Asia-Pacific region is expected to be the largest market for AMMRs, due to the increasing demand from industries such as automotive, electronics, and food & beverage.”

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By the end of 2028, the global market for autonomous mobile manipulator robots (AMMR) is anticipated to reach a value of USD 1,515,45 million, representing a CAGR of 25.3% over the forecast period.

An autonomous mobile manipulator robot, or AMMR, is an exceptional type of autonomous mobile robot (AMR) that is equipped with a sophisticated robotic arm for picking or moving materials on a mobile platform. These robots do

not require the close proximity of human specialists. AMMRs can travel autonomously into distribution centre capacity regions, locating stock areas, independently recognising objects, picking items, and transporting them to fulfilment stations. Expanding interest in AMMR for distribution centre robotization is a key factor in worldwide expansion. The growth of the global AMMR market is influenced by several factors, including the increasing demand for robotization systems and the expansion of the online business sector. However, the market's growth is likely to be hampered by high production costs.

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Some of the key findings from the report include:

- The Asia-Pacific region is expected to be the largest market for AMMRs, due to the increasing demand from industries such as automotive, electronics, and food & beverage.

- The automotive industry is expected to be the largest application for AMMRs, due to the increasing use of robots in assembly lines and other processes.

- The North American region is expected to be the second-largest market for AMMRs, due to the presence of major players in this region.

COVID-19 Scenario:

The outbreak of the COVID-19 pandemic has led to a significant increase in the demand for autonomous mobile manipulator robots (AMMRs).

Segmentations covered into report:

By Robot arm manipulator payload

- Up to 5Kg
- 5-10Kg
- 10-15Kg
- 15-20Kg
- 20-40Kg
- 40Kg and Above

By Mobile base/platform

- 50-100Kg
- 100-200Kg
- 200-500Kg
- 500-1000Kg
- 1000Kg and Above

By System type

- Omni-Directional Manipulators
- Differential Manipulators.

By Application

- Material Handling & Transportation

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- Assembly
- Welding
- Machine Tending and Inspection
- Automobile Inspection
- Others

By End use

- Logistics & E-commerce
- Retail
- Electronics and Semiconductors
- Automotive
- Other Manufacturing
- Others

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Autonomous Mobile Manipulator Robots (AMMR) Market Drivers:

The rising adoption of Industry 4.0 technologies is one of the key factors driving the growth of the AMMR market. Industry 4.0 technologies refer to the use of advanced technologies such as artificial intelligence (AI), big data, internet of things (IoT), robotics and 3D printing in manufacturing and other industrial sectors. These technologies help in improving productivity, efficiency and quality while reducing costs. Therefore, the increasing adoption of these technologies across various industries is expected to drive the demand for AMMRs over the forecast period.

Another factor driving the growth of the AMMR market is the increasing labor costs across various regions. The rising wages and salaries are making it difficult for companies to maintain profit margins, especially in developed countries such as the US, UK, Germany and Japan. This is leading companies to look for alternatives to manual labor, which is expected to drive the demand for AMMRs over the forecast period.

Regional Analysis:

The global market for autonomous mobile manipulator robots (AMMR) is segmented into four major regions: North America, Europe, Asia-Pacific, the Middle East and Africa, and South America.

Asia-Pacific is anticipated to lead the global market in 2021, with a 46% market share and a market value of USD 140.75 million. During the review period, the region is anticipated to experience a significant CAGR of 26.4% due to the increasing emphasis on reducing operating costs and increasing end-use productivity.

The growth of the regional market is attributable to the region's leading manufacturer's visibility and the increasing demand for AMMR in logistics and warehouses. During the review period, Europe is anticipated to have the second largest market with a CAGR of 25.6%.

Major Players Profiled in the Market Report:

The key market competitors of the global AMMR market are Yaskawa Electric Corporation (Japan), Fanuc Corporation (Japan), ABB Ltd. (Switzerland), Staubli International AG (Switzerland), and OMRON Corporation (Japan).

Key Questions Answered In This Report:

- Covid 19 impact analysis on global Autonomous Mobile Manipulator Robots (AMMR) industry.
- What are the current market trends and dynamics in the Autonomous Mobile Manipulator Robots (AMMR) market and valuable opportunities for emerging players?
- What is driving Autonomous Mobile Manipulator Robots (AMMR) market?
- What are the key challenges to market growth?
- Which segment accounts for the fastest CAGR during the forecast period?
- Which product type segment holds a larger market share and why?
- Are low and middle-income economies investing in the Autonomous Mobile Manipulator Robots (AMMR) market?
- Key growth pockets on the basis of regions, types, applications, and end-users
- What is the market trend and dynamics in emerging markets such as Asia pacific, Latin America, and Middle East & Africa?
-

Unique data points of this report:

- Statistics on Autonomous Mobile Manipulator Robots (AMMR) and spending worldwide
- Recent trends across different regions in terms of adoption of Autonomous Mobile Manipulator Robots (AMMR) across industries
- Notable developments going on in the industry
- Attractive investment proposition for segments as well as geography
- Comparative scenario for all the segments for years 2018 (actual) and 2028 (forecast)

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*More companies can be added in Detailed Report.

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