

# **Middle East & Africa Autonomous Mobile Robots Market Forecast to 2030 - Regional Analysis - by Component (Hardware and Software & Services), Type (Picking Robots, Self-Driving Forklifts, and Autonomous Inventory Robots), and End Use (Manufacturing and Distribution & Warehousing)**

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## **Abstracts**

The Middle East & Africa autonomous mobile robots market was valued at US\$ 16.89 million in 2022 and is expected to reach US\$ 91.58 million by 2030; it is estimated to grow at a CAGR of 23.5% from 2022 to 2030.

Introduction of Advanced and Smart AMR fuel the Middle East & Africa Autonomous Mobile Robots Market

Autonomous mobile robots (AMMR) mounted with a robot arm are examples of advanced and intelligent AMR. AMMRs are increasingly gaining traction due to their ability to efficiently pick up and move things on a mobile platform in logistics, retail, healthcare, automobile, aerospace, and other sectors. They can recognize objects, and perform pick-and-place, assembly, packing, sorting, and other tasks without human intervention. The market for AMMRs is still in a developing phase due to their higher cost than AMRs. However, the rising adoption of these robots is credited to the increasing awareness of their ability to maximize operational efficiency, minimize error, and increase productivity output.

The rising factory automation that enhances the productivity and quality of the output while decreasing the overall production cost triggers the adoption of AMMRs across industries such as automotive and manufacturing. These advanced robots guarantee

consistent and superior-quality results, and they can especially be deployed to fulfill mass production requirements in different industries to ensure improved quality, minimal human intervention, and lesser labor expenses.

Therefore, the growing adoption of AMMR is expected to provide lucrative growth opportunities to the Middle East & Africa autonomous mobile robots market in the near future.

### Middle East & Africa Autonomous Mobile Robots Market Overview

The Middle East & Africa autonomous mobile robots market is further segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The above countries in the region are adopting factory automation and smart working techniques to enhance their manufacturing capabilities. Saudi Arabia is automating 4,000 factories to curb reliance on low-skilled workers. Also, the Ministry of Industry and Mineral Resources has launched The Future Factories Program to build a robust tech ecosystem for transforming the country's manufacturing sector. Similarly, the UAE is focusing on the Fourth Industrial Revolution (4IR) or Industry 4.0 to increase productivity and provide more innovative products using automated systems. Thus, the Middle East & Africa is advancing toward automation through such initiatives, which is likely to favor the growth of the autonomous mobile robots market in the region.

### Middle East & Africa Autonomous Mobile Robots Market Revenue and Forecast to 2030 (US\$ Million)

### Middle East & Africa Autonomous Mobile Robots Market Segmentation

The Middle East & Africa autonomous mobile robots market is segmented based on component, type, end use, and country. Based on component, the Middle East & Africa autonomous mobile robots market is bifurcated into hardware and software & services. The hardware navigation segment held a larger market share in 2022.

Based on type, the Middle East & Africa autonomous mobile robots market is segmented into picking robots, self-driving forklifts, and autonomous inventory robots. The picking robots segment held the largest market share in 2022.

Based on end use, the Middle East & Africa autonomous mobile robots market is

bifurcated into manufacturing and distribution & warehousing. The distribution & warehousing segment held a larger market share in 2022.

Based on country, the Middle East & Africa autonomous mobile robots market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The UAE dominated the Middle East & Africa autonomous mobile robots market share in 2022.

ABB Ltd; Milvus Robotics; Geekplus Technology Co Ltd; OMRON Corp; and Teradyne Inc are some of the leading companies operating in the Middle East & Africa autonomous mobile robots market.

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