

Europe Autonomous Mobile Manipulator Robots Market Size study, by Type (Differential, Omni-Directional), by Application (Sorting, Transportation, Assembly, Inventory Management, Others), by Payload (3-5 Kg, 5-10 Kg, 10-20 Kg, More Than 20 Kg), by End- Use (Automotive, Electronics, Logistics, FMCG, Healthcare, Others) and Country Forecasts 2022-2032

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Abstracts

Europe Autonomous Mobile Manipulator Robots Market is valued at approximately USD 100 million in 2023 and is anticipated to grow with a healthy growth rate of more than 27.57% over the forecast period 2024-2032. Autonomous mobile manipulator Robots are autonomous systems capable of navigating and manipulating objects. They combine mobile bases for movement with robotic arms for tasks such as picking up and placing objects. These robots utilize sensors, computer vision, and artificial intelligence to monitor their environment, plan routes, and accomplish tasks independently. The market for autonomous mobile manipulator robots is rapidly expanding due to increased automation in manufacturing, logistics, and healthcare industries. Moreover, the Europe Autonomous Mobile Manipulator Robots Market is growing due to rising emphasis on Industry 4.0 initiatives and the integration of advanced automation in manufacturing processes.

The Europe Autonomous Mobile Manipulator Robots Market is driven by several factors such as the ageing workforce, advancements in collaborative robot technology, and increasing demand for high-quality production standards. Europe faces a significant challenge with an ageing workforce, particularly in sectors such as manufacturing and

logistics. As a large portion of the workforce approaches retirement, there is a growing need to fill the resulting labor gaps. Autonomous mobile manipulator robots offer a solution by performing physically demanding and repetitive tasks and reduce the dependency on human labor. This ensures continuity in operations and improves productivity and efficiency by making these robots an asset in addressing the demographic shift. However, the high cost of initial investment and integration of these robots into existing systems can hinder the market growth in the forecasts period.

The key countries considered for the Europe Autonomous Mobile Manipulator Robots market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany is dominating the Europe Autonomous Mobile Manipulator Robots market in terms of largest market share. Germany has a robust industrial base with a strong focus on advanced manufacturing and automation technologies. The country's automotive, electronics, and logistics sectors are particularly prominent adopters of autonomous mobile manipulator robots to improve production efficiency and maintain competitiveness in the market. Additionally, Germany has a proficient workforce and a supportive ecosystem of research institutions and technology providers, fostering innovation and development in robotics. Furthermore, favorable government initiatives and incentives aimed at promoting automation and Industry 4.0 practices further bolster market growth in Germany. Moreover, the UK is the fastest growing region in the forecast period.

Major market player included in this report are:

Asea Brown Boveri Ltd (ABB)

KUKA AG

Robotnik Automation S.L.L

Staubli International AG

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Differential

Omni-Directional

By Application

Sorting

Transportation

Assembly

Inventory Management

Others

By Payload

3-5 Kg

5-10 Kg

10-20 Kg

More than 20 Kg

By End-Use

Automotive

Electronics

Logistics

FMCG

Healthcare

Others

By Region:

Europe

UK

Germany

France

Spain

Italy

ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.
Demand side and supply side analysis of the market.

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