

Asia Pacific 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

Asia Pacific Autonomous Mobile Manipulator Robots Market is valued at approximately USD 140 million in 2023 and is anticipated to grow with a healthy growth rate of more than 25.11% over the forecast period 2024-2032. Autonomous Mobile Manipulator Robots are autonomous systems designed to navigate and manipulate items. They combine mobile platforms for movement with robotic arms to perform activities such as picking and managing goods. These robots utilize sensors, computer vision, and artificial intelligence (AI) to analyze their surroundings, plan routes, and accomplish tasks on their own. The Asia Pacific Autonomous Mobile Manipulator Robots Market is increasing due to increased automation in areas such as manufacturing, logistics, and healthcare. Moreover, The Asia-Pacific Autonomous Mobile Manipulator Robots Market is rapidly growing due to increasing industrial automation, substantial investments in robotics, and strong government support.

The Asia Pacific Autonomous Mobile Manipulator Robots Market is driven by several factors such as rapid industrialization, increasing labor costs, and government initiatives supporting automation and innovation. Rising labor costs in the Asia Pacific region, particularly in countries such as China and South Korea, are captivating companies to

adopt automation solutions to maintain competitiveness. The rising expense of human labor drives the demand for robotic systems that can perform repetitive and hazardous tasks more efficiently and cost-effectively. This shift helps companies decrease operational costs, enhance productivity, and address labor shortages and making automation essential for sustained growth and profitability in the region. However, the lack of skilled employees to operate and maintain these advanced robotic systems can hinder the market growth over the forecast period.

The key Countries considered for the Asia Pacific Autonomous Mobile Manipulator Robots market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China is dominating the Asia Pacific Autonomous Mobile Manipulator Robots market in terms of revenue. China has a wide manufacturing base, significant investments in automation technologies, and strong government support for innovation in robotics. China's industrial sector is rapidly adopting autonomous mobile manipulators to enhance productivity and efficiency, driven by the need to address rising labor costs and maintain global competitiveness. Additionally, the presence of numerous leading companies and research institutions further fuels market growth. The market in India, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Yaskawa Electric Corporation

PBA Group

Omron Corporation

Company 4

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:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

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 of major regions.

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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