

Global Packaging Robots Market Size study, by Type (Clamp, Claw, Vacuum, Others), By Application (Pick & Place, Packing, Palletizing), By End User (Food & Beverage, Pharmaceuticals, Consumer Products, Logistics, Others), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GF8044406F02EN.html>

Date: June 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GF8044406F02EN

Abstracts

Global Packaging Robots Market is valued approximately USD 6.09 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 12.30% over the forecast period 2024-2032. Packaging robots are automated machines used in industries to handle tasks like picking, packing, labeling, palletizing, and sorting items for streamline and automate packaging processes across diverse industry sectors like pharmaceuticals, consumer goods, logistics, and food & beverages. Vacuum grippers play a crucial role in picking up flat materials such as glass or metal sheets, employing suction caps to grip multiple objects simultaneously during packaging and palletizing operations. These grippers are particularly effective in handling large crates, boxes, cans, and bottles, making them highly prevalent in the packaging industry. These robots offer benefits such as increased speed, efficiency, accuracy, reduced labor costs, and the ability to handle repetitive tasks without errors. They are integrated into production lines and warehouse systems to streamline packaging processes and improve overall operations. The surge in proliferation of collaborative robots is a key trend for the Global Packaging Robots Market. Collaborative robots, or cobots, are revolutionizing the packaging industry as they work alongside humans, boosting efficiency and safety in packaging tasks. Equipped with advanced sensors and programming, cobots seamlessly collaborate with human workers, handling activities like picking, packing, and palletizing with accuracy and adaptability.

The growth of the global packaging robots' market is fueled by several factors, including the rising demand for automation across industry sectors, the widespread

adoption of robots for enhanced efficiency, and the cost-saving advantages of these robots. Moreover, the increasing collaboration of packaging robots with the e-commerce sector is a key driver propelling the growth of the packaging robots' market. Packaging robots have revolutionized inventory management by reducing the time and effort needed for tasks like scanning and updating inventory, packing parcels, arranging items on shelves, and more, all within a short timeframe. Packaging robots help businesses streamline operations, reduce labor costs, minimize errors, and optimize resource utilization, leading to overall cost savings. Therefore, the packaging robots' market is expected to increase significantly over the forthcoming years as the global robotics industry changes and the retail and e-commerce industries continue expanding. However, the high initial costs associated with packaging robots and shortage of skilled and trained personnel are expected to stifle Global Packaging Robots Market growth between 2022 and 2032. Whereas, the anticipated increase in automation and industrialization presents opportunities for robust growth in the global market.

The key regions considered for the global Packaging Robots Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, Asia Pacific dominates the Packaging Robots Market share and is poised for rapid growth because of the rising demand for packaging robots in nations like South Korea, India, and China. Additionally, the region's dominance in the market is attributed to the availability of affordable packaging robots, their extensive utilization, and the presence of well-known industrial automation robot manufacturers. Furthermore, the rapid expansion of the e-commerce industry is expected to witness increased demand for packaging robots over anticipated years.

Major market player included in this report are:

ABB Limited

Krones AG

Fanuc Corporation

Schneider Electric SE

Yaskawa America Inc.

Mitsubishi Electric Corporation

Bosch Packaging Technology (Robert Bosch GmbH)

Brenton Engineering

Kuka AG

Remtec Automation LLC

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

By Gripper Type

Clamp
Claw
Vacuum
Others

By Application
Pick & Place
Packing
Palletizing

By End User
Food & Beverage
Pharmaceuticals
Consumer Products
Logistics
Others

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Middle East & Africa

Saudi Arabia
South Africa
RoMEA

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 regional 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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