

Packaging Robots Market Growing at a CAGR of 12.3% from 2021 to 2030 | End-user: Food Beverage Pharma Consumer Products.

packaging robots' market is poised for substantial growth in the coming years, driven by the increasing adoption of automation to boost operational efficiency.

WILMINGTON, DE, UNITED STATES, January 7, 2025 /EINPresswire.com/ -- Packaging Robots Market: Key Insights and Growth Forecast

According to a report by Allied Market Research, the [global packaging robots market](#) was valued at \$4.35 billion in 2020 and is projected to reach \$14.47 billion by 2030, growing at a compound annual growth rate (CAGR) of 12.3% from 2021 to 2030. This growth is fueled by the increasing adoption of robots to enhance packaging efficiency, reduce costs, and meet the rising demand for industrial automation.

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Market Drivers, Restraints, and Opportunities

The packaging robots market is experiencing robust growth due to several key factors. The surge in demand for automation across various industries, coupled with the cost-reduction benefits offered by robotic packaging systems, has been a primary growth driver. Additionally, the need to improve operational efficiency has accelerated the adoption of robots in the packaging process. However, high initial costs and a shortage of skilled labor remain significant challenges for market expansion. On the bright side, rapid advancements in robotics technology and the continued growth of the e-commerce and retail sectors are expected to create lucrative opportunities in the future.

the packaging robots market. Many companies were forced to suspend operations temporarily to comply with government restrictions aimed at containing the virus. The disruption in supply chains and the shortage of raw materials and workforce further hampered market growth. Despite these challenges, the demand for automation in packaging rebounded as industries resumed operations, driven by the need to maintain efficiency while adhering to health and safety guidelines.

Segment Analysis

By Gripper Type:

In 2020, the vacuum gripper segment dominated the market, accounting for about one-third of

the overall share. Vacuum grippers are widely used in the packaging industry due to their versatility and ability to handle a variety of products. The segment is also expected to exhibit the highest CAGR of 14.1% during the forecast period, as demand for automated solutions in material handling continues to grow.

By Application:

The packing segment emerged as the largest contributor in 2020, holding nearly 40% of the market share. This segment is anticipated to grow at the highest CAGR of 14.8% from 2021 to 2030. The increasing need for efficient and reliable packing solutions, especially in food and beverage, pharmaceutical, and consumer goods industries, has been a key factor driving this growth.

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Regional Insights

Geographically, the global packaging robots market is analyzed across North America, Europe, Asia-Pacific, and LAMEA (Latin America, Middle East, and Africa). In 2020, North America held the largest market share, accounting for more than 60% of the global market. The region's dominance is attributed to the presence of advanced manufacturing facilities and early adoption of automation technologies.

However, Asia-Pacific is projected to witness the highest CAGR of 15.7% during the forecast period. The rapid industrialization, growing e-commerce sector, and increasing investments in automation in countries like China, Japan, and India are key factors contributing to the region's high growth rate.

Competitive Landscape

The report offers a comprehensive analysis of key players operating in the packaging robots market. Major companies profiled include:

ABB Limited
Krones AG
Schneider Electric SE
Fanuc Corporation
Mitsubishi Electric Corporation
Yaskawa America Inc.
Brenton Engineering
Bosch Packaging Technology (Robert Bosch GmbH)
Remtec Automation LLC
Kuka Roboter GmbH

These players are focusing on strategies such as mergers and acquisitions, product launches, and technological innovations to strengthen their market position and cater to evolving customer needs.

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