

# **Packaging Robots Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

<https://marketpublishers.com/r/P1E110D51B08EN.html>

Date: June 2023

Pages: 144

Price: US\$ 2,499.00 (Single User License)

ID: P1E110D51B08EN

## **Abstracts**

The global packaging robots market size reached US\$ 3,198 Million in 2022. Looking forward, IMARC Group expects the market to reach a value of US\$ 7,056 Million by 2028, exhibiting a growth rate (CAGR) of 12.8% during 2023-2028.

Packaging robots refer to industrial robot systems designed to handle materials, move or pack items, and seal and label them. Some commonly used packaging robots include articulated, cartesian, selective compliance assembly robot arm (SCARA), and delta robots. They are easy to integrate into manufacturing facilities and allow goods to be packed with quality, accuracy, and consistency. They are more reliable, efficient, flexible, and cost-effective than their human counterparts as they minimize the instances of faulty packaging, improve productivity, and speed up the delivery time. In recent years, packaging robots have gained traction across numerous industries, including food and beverage (F&B), pharmaceuticals, consumer goods, chemicals, electronics, and logistics.

### **Packaging Robots Market Trends:**

Packaging robots help automate the packaging production line thereby, reducing labor costs, improving efficiency, enhancing safety in the work environment, and minimizing the damage to products. As a result, the rising need for high-degree automation across various sectors to cut costs and decrease wastage represents the primary factor driving the market growth. Besides this, the growing need to reduce operational costs and the escalating demand for high-quality products from consumers are accelerating the adoption of packaging robots. Additionally, significant growth in the e-commerce industry is escalating the demand for packaging robots to perform labor-intensive manual item picking tasks. Furthermore, several leading players in different sectors are

making heavy investments in the modernization of manufacturing facilities to enhance productivity, efficiency, and output. Along with this, the easy availability of low-cost industrial robots is propelling the market growth. Moreover, the emerging pick and place applications across various sectors, rapid industrialization, favorable government policies, ongoing research and development (R&D) activities, product innovations, and technological advancements are some of the other factors providing a positive thrust to the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global packaging robots market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on gripper type, application and end user.

#### Breakup by Gripper Type:

- Clamp
- Claw
- Vacuum
- Others

#### Breakup by Application:

- Picking and Placing
- Packing
- Tray Packing
- Case Packing
- Filling
- Others
- Palletizing
- Case Palletizing
- Bag Palletizing
- De-Palletizing

#### Breakup by End User:

- Food and Beverage
- Pharmaceutical
- Consumer Products

Logistics

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ABB Ltd., Fanuc Corporation, FIPA GmbH, KRONES AG, KUKA AG, MIP Robotics, Mitsubishi Electric Corporation, ProMach Inc., Remtec Automation LLC, Schneider Electric SE, Syntegon Holding GmbH and Yaskawa America Inc. (Yaskawa Electric Corporation).

Key Questions Answered in This Report:

How has the global packaging robots market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global packaging robots market?

What are the key regional markets?

What is the breakup of the market based on the gripper type?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global packaging robots market and who are the key players?

What is the degree of competition in the industry?

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