

# **Food Robotics Market by Type (Articulated Robots [SCARA, Six-axis Robots], Delta & Parallel Robots, Collaborative Robots, Cartesian Robots, Cylindrical Robots, Portal Robots), Payload, Application, End Use, and Geography - Global Forecast to 2028**

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## **Abstracts**

Food Robotics Market by Type (Articulated Robots [SCARA, Six-axis Robots], Delta & Parallel Robots, Collaborative Robots, Cartesian Robots, Cylindrical Robots, Portal Robots), Payload, Application, End Use, and Geography—Global Forecast to 2028

The food robotics market is expected to reach USD 2.02 billion by 2028, at a CAGR of 11.6 % during the forecast period, 2021-2028.

The research report titled 'Food Robotics Market by Type (Articulated Robots [SCARA, Six-axis Robots, and Other Articulated Robots], Delta & Parallel Robots, Collaborative Robots, Cartesian Robots, Cylindrical Robots, Portal Robots), Payload (Low, Medium, and High Payload), Application (Palletizing and Depalletizing, Packaging and Repacking, Pick and Place, Cutting and Slicing, Grading and Sorting, Butchery, Quality Inspection, and Other Applications), End Use (Dairy, Beverage, Bakery & Confectionery, Meat, Poultry, and Seafood, Fruits and Vegetables, Oil & Fats, Other End Uses) and Geography—Global Forecast to 2028' provides an in-depth analysis of the food robotics market across five major geographies and emphasizes on the current market size, market shares, recent developments, and forecast till 2028.

This market's growth is mainly attributed to increasing food safety regulations, rising investments in robots for the food industry, growing adoption of digitalization across the food & beverage industry, growing focus on efficient food packaging. Moreover, the increasing adoption of robots in emerging economies is expected to stimulate this

market's growth.

The study offers a comprehensive analysis of the food robotics market with respect to type, payload, application, end use, and geography. The food robotics market is segmented based on Type (Articulated Robots [SCARA, Six-axis Robots, Other Articulated Robots], Delta & Parallel Robots, Collaborative Robots, Cartesian Robots, Cylindrical Robots, Portal Robots), Payload (Low Payload, Medium Payload, High Payload), Application (Palletizing and Depalletizing, Packaging and Repacking, Pick and Place, Cutting and Slicing, Grading and Sorting, Butchery, Quality Inspection, Other Applications), End Use (Dairy, Beverage, Bakery & Confectionery, Meat, Poultry, and Seafood, Fruits and Vegetables, Oil & Fats, Other End Uses) and geography (Asia-Pacific, Europe, North America, Latin America, and the Middle East & Africa). The study also evaluates industry competitors and analyzes the market at the country level.

Based on type, the collaborative robots segment is expected to grow at the highest CAGR during the forecast period. The rapid growth of this segment is mainly attributed to the specialty of working in humid greenhouses, from refrigerated rooms to tending hot ovens, relieving employees from repetitive tasks that can cause injury in unfavorable environments. Collaborative robots have the potential to identify, align and place products with the pick-and-place action. Moreover, it supports several tasks along with quality analysis, which drives demand for these robots.

Based on payload, the low payload segment is expected to grow at the highest CAGR during the forecast period. Low payload robots are preferred due to their compact design that allows operating in the limited workspace.

Based on application, the packaging and repacking segment is expected to grow at the highest CAGR during the forecast period.

Based on end use, the beverages segment is projected to grow at the highest CAGR during the forecast period. The rapid growth of this segment is mainly attributed to the growing need to cater to consumer demand, maintain quality, consistency, and hygiene, and optimize production.

Geographically, the Asia-Pacific food robotics market is expected to grow at the fastest CAGR during the forecast period. The high growth of the food robotics market is attributed to the rising concerns regarding food hygiene and lifestyle that have directed the population towards ready-to-eat and packaged food items. The increase in consumer income has fueled the demand for advanced packaged food and beverages

across the region.

The key players operating in the food robotics market are ABB Ltd (Switzerland), Fanuc Corporation (Japan), Yaskawa Electric Corporation (Japan), Kuka AG (Germany), Mitsubishi Electric Corporation (Japan), Kawasaki Heavy Industries, Ltd. (Japan), Universal Robots A/S (Denmark), Stäubli International AG (Switzerland), Denso Corporation (Japan), Seiko Epson Corporation (Japan), Mayekawa Mfg. Co., Ltd. (Japan), Omron Corporation (Japan), and Autonox Robotics GmbH (Germany).

#### Key Questions Answered in the Report-

Which are the high-growth market segments in terms of type, payload, application, end use, and geography?

What is the historical market size for the food robotics market across the globe?

What are the market forecasts and estimates for the period 2021-2028?

What are the major drivers, restraints, opportunities, and challenges in the food robotics market?

Who are the major players in the market, and what are their market shares?

How is the competitive landscape for the food robotics market?

What are the recent developments in the food robotics market?

What are the different strategies adopted by the major players in the market?

Which are the high-growth countries?

Who are the local emerging players in the food robotics market, and how do they compete with other players?

#### Scope of the Report

#### Food Robotics Market, by Type

Articulated Robots

SCARA

Six-Axis Robots

Other Articulated Robots

Delta & Parallel Robots

Collaborative Robots

Cartesian Robots

Portal Robots

Food Robotics Market, by Payload

Medium Payload

Low Payload

High Payload

Food Robotics Market, by Application

Palletizing & Depalletizing

Packaging & Repacking

Pick-and-Place

Cutting & Slicing

Grading & Sorting

Butchery

Quality Inspection

Other Applications

## Food Robotics Market, by End Use

Dairy

Beverages

Bakery & Confectionery

Meat, Poultry, and Seafood

Fruits and Vegetable

Oil & Fats

Other End Users

## Food Robotics Market, by Geography

Asia-Pacific (APAC)

China

Japan

South Korea

India

Australia

Taiwan

Indonesia

New Zealand

Rest of Asia-Pacific (RoAPAC)

Europe

Germany

U.K.

France

Spain

Benelux

Switzerland

Italy

Poland

Austria

Czech Republic

Hungary

Romania

Slovakia

Turkey

Greece

Rest of Europe (RoE)

North America

U.S.

Canada

Latin America

Mexico

Brazil

Argentina

Rest of Latin America (RoLATAM)

Middle East

Africa

South Africa

Rest of Africa (RoAfrica)

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