

Food Robotics Market Size, Share, and Outlook, 2025 Report- By Type (Articulated, Parallel, SCARA, Cylindrical, Others), By Application (Palletizing, Packaging, Repackaging, Pick & Place, Others), By End-User (Beverages, Meat, poultry, and seafood, Dairy, Bakery, Fruits & vegetables, Confectionery, Others), By Pay Load (Low (10 Kg-100 kg)), 2018-2032

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Abstracts

Food Robotics Market Outlook

The Food Robotics Market size is expected to register a growth rate of 20.9% during the forecast period from \$2.22 Billion in 2025 to \$8.4 Billion in 2032. The Food Robotics market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Food Robotics segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Articulated, Parallel, SCARA, Cylindrical, Others), By Application (Palletizing, Packaging, Repackaging, Pick & Place, Others), By End-User (Beverages, Meat, poultry, and seafood, Dairy, Bakery, Fruits & vegetables, Confectionery, Others), By Pay Load (Low (10 Kg-100 kg)). Over 70 tables and charts showcase findings from our latest survey report on Food Robotics markets.

Food Robotics Market Insights, 2025

The food robotics market is witnessing rapid growth as automation transforms food processing, packaging, and foodservice industries. Leading robotics manufacturers like

ABB, FANUC, and KUKA are developing high-speed, precision-driven robotic arms for sorting, slicing, and packaging food products. The rise of collaborative robots (cobots) in food production lines is enhancing efficiency while maintaining hygiene standards. Additionally, fast-food chains and restaurants are increasingly adopting robotic chefs and baristas to automate cooking and beverage preparation, reducing labor costs and improving consistency. AI-powered vision systems enable robots to handle delicate food items with precision, preventing contamination and reducing waste. As labor shortages and stringent food safety regulations drive automation, food robotics will continue to play a crucial role in the future of food manufacturing and service industries.

Five Trends that will define global Food Robotics market in 2025 and Beyond

A closer look at the multi-million market for Food Robotics identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Food Robotics companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Food Robotics vendors.

What are the biggest opportunities for growth in the Food Robotics industry?

The Food Robotics sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Food Robotics Market Segment Insights

The Food Robotics industry presents strong offers across categories. The analytical report offers forecasts of Food Robotics industry performance across segments and countries. Key segments in the industry include%li%By Type (Articulated, Parallel, SCARA, Cylindrical, Others), By Application (Palletizing, Packaging, Repackaging, Pick & Place, Others), By End-User (Beverages, Meat, poultry, and seafood, Dairy, Bakery, Fruits & vegetables, Confectionery, Others), By Pay Load (Low (10 Kg-100 kg)). The

largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Food Robotics market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Food Robotics industry ecosystem. It assists decision-makers in evaluating global Food Robotics market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Food Robotics industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Food Robotics Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Food Robotics Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of

the largest markets for Food Robotics with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Food Robotics market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Food Robotics market Insights%li%Vendors are exploring new opportunities within the US Food Robotics industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Food Robotics companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Food Robotics market.

Latin American Food Robotics market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Food Robotics Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Food Robotics markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Food Robotics markets including the

UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Food Robotics companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include ABB Group, FANUC Corp, Kawasaki Heavy Industries Ltd, KUKA AG, Mitsubishi Electric Corp, Rockwell Automation Inc, Seiko Epson Corp, Staubli International Corp, Yaskawa Electric Corp.

Food Robotics Market Segmentation

By Type

Articulated

Parallel

SCARA

Cylindrical

Others

By Application

Palletizing

Packaging

Repackaging

Pick & Place

Others

By End-User

Beverages

Meat, poultry, and seafood

Dairy

Bakery

Fruits & vegetables

Confectionery

Others

By Pay Load

Low (10 Kg-100 kg)

Leading Companies

ABB Group

FANUC Corp

Kawasaki Heavy Industries Ltd

KUKA AG

Mitsubishi Electric Corp

Rockwell Automation Inc

Seiko Epson Corp

Staubli International Corp

Yaskawa Electric Corp

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

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By Type

Articulated

Parallel

SCARA

Cylindrical

Others

By Application

Palletizing

Packaging

Repackaging

Pick & Place

Others

By End-User

Beverages

Meat, poultry, and seafood

Dairy

Bakery

Fruits & vegetables

Confectionery

Others

By Pay Load

Low (10 Kg-100 kg)

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Mitsubishi Electric Corp
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