+357 96 030922
info@marketpublishers.com

Global Food Robotics Market Size Study, by Component (Robots, Software, Services), Robots (Articulated, Cartesian, SCARA, Parallel, Cylindrical, Collaborative), Payload (Low, Medium, High), Application, End Use, and Regional Forecasts 2022-2032

https://marketpublishers.com/r/G24D188776E8EN.html
Date: February 2025
Pages: 285
Price: US$ 3,218.00 (Single User License)
ID: G24D188776E8EN

Abstracts

The Global Food Robotics Market was valued at approximately USD 3.58 million in 2023 and is projected to grow at a CAGR of 12.00% over the forecast period 2024-2032. With the rapid evolution of automation technologies and the increasing demand for efficiency in food processing, packaging, and handling, the food industry is witnessing an unprecedented adoption of robotics. Companies are integrating robotic automation into their production lines to enhance productivity, maintain hygiene standards, and minimize labor costs, thereby transforming conventional food manufacturing processes.

The rising emphasis on food safety and regulatory compliance has further propelled the demand for advanced robotic solutions in food processing and packaging. With stringent regulations governing food handling, manufacturers are investing in automation to ensure precise quality control, reduce contamination risks, and enhance traceability. Additionally, innovations in collaborative robotics (cobots) have enabled seamless human-robot interaction, allowing food companies to optimize workflows while maintaining operational flexibility. However, high initial investment costs and integration complexities continue to challenge widespread adoption, particularly among small and medium-sized enterprises (SMEs).

Regionally, North America dominates the food robotics market, driven by extensive

+357 96 030922
info@marketpublishers.com

technological advancements, a strong regulatory framework, and high consumer demand for processed and packaged food products. Europe follows closely, with the presence of leading food manufacturers incorporating robotic automation to streamline operations and meet stringent food safety standards. Meanwhile, Asia Pacific is experiencing the fastest growth, fueled by expanding food production capabilities in countries like China, India, and Japan, alongside increasing investments in automation technologies. Latin America and the Middle East & Africa are also witnessing a steady rise in adoption, primarily driven by the expansion of food export businesses and growing demand for automation in food processing facilities.

The competitive landscape of the Global Food Robotics Market is characterized by continuous innovation, strategic partnerships, and increasing investments in AI-driven robotic solutions. Market players are focusing on sensor-driven automation, vision-guided robotics, and machine learning-enabled process optimization to gain a competitive edge. As food manufacturers continue to seek efficiency, precision, and scalability, the demand for robotics in food processing, packaging, and handling is set to escalate, making automation a critical driver of the food industry’s future.

Major Market Players Included in This Report:

• ABB Ltd.

• Mitsubishi Electric Corporation

• Kawasaki Heavy Industries, Ltd.

• Yaskawa Electric Corporation

• Rockwell Automation, Inc.

• FANUC Corporation

• KUKA AG

• Staubli International AG

• Denso Corporation

• Universal Robots A/S

+357 96 030922
info@marketpublishers.com

• Seiko Epson Corporation

• Omron Corporation

• Schneider Electric SE

• Mayekawa Mfg. Co., Ltd.

• Soft Robotics Inc.

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Component:

• Robots

• Software

• Services

By Robots:

• Articulated

• Cartesian

• SCARA

• Parallel

• Cylindrical

• Collaborative

By Payload:

• Low

+357 96 030922
info@marketpublishers.com

• Medium

• High

By Application:

• Processing

• Packaging & Repackaging

• Palletizing & Depalletizing

• Picking & Placing

• Quality Inspection

• Others

By End Use:

• Dairy & Beverages

• Meat, Poultry & Seafood

• Bakery & Confectionery

• Fruits & Vegetables

• Others

By Region:

North America

• U.S.

• Canada

Europe

+357 96 030922
info@marketpublishers.com

- UK
- Germany
- France
- Spain
- Italy
- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- Rest of Asia Pacific

Latin America

- Brazil
- Mexico
- Rest of Latin America

Middle East & Africa

- Saudi Arabia

+357 96 030922
info@marketpublishers.com

• UAE

• South Africa

• Rest of Middle East & Africa

Years Considered for the Study:

• Historical Year: 2022

• Base Year: 2023

• Forecast Period: 2024-2032

Key Takeaways:

• Market Estimates & Forecasts for 10 years from 2022 to 2032.

• Annualized revenue projections and regional-level analysis for each market segment.

• Comprehensive insights into the geographical landscape with country-level analysis.

• Competitive analysis of major market players and their strategic developments.

• In-depth analysis of market dynamics, challenges, trends, and growth opportunities.

• Recommendations on business strategies to capitalize on emerging market trends.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

CHAPTER 3. GLOBAL FOOD ROBOTICS MARKET DYNAMICS

CHAPTER 4. GLOBAL FOOD ROBOTICS MARKET INDUSTRY ANALYSIS

CHAPTER 5. GLOBAL FOOD ROBOTICS MARKET SIZE & FORECASTS BY COMPONENT (2022–2032)

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

CHAPTER 11. COMPETITIVE INTELLIGENCE

+357 96 030922
info@marketpublishers.com

CHAPTER 12. RESEARCH PROCESS

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Food Robotics Market Size Study, by Component (Robots, Software, Services), Robots (Articulated, Cartesian, SCARA, Parallel, Cylindrical, Collaborative), Payload (Low, Medium, High), Application, End Use, and Regional Forecasts 2022-2032

Product link: https://marketpublishers.com/r/G24D188776E8EN.html

Price: US$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G24D188776E8EN.html