

# Food Automation - Global Market Outlook (2020-2028)

<https://marketpublishers.com/r/FDD2992D8A74EN.html>

Date: July 2021

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: FDD2992D8A74EN

## Abstracts

According to Statistics MRC, the Global Food Automation Market is accounted for \$10.73 billion in 2020 and is expected to reach \$21.23 billion by 2028 growing at a CAGR of 8.9% during the forecast period. The growing per capita food consumption and growth of the global food & beverage industry are driving the market growth. However, a stringent international food safety regulation is hampering the growth of the market.

Food automation delivers constantly improved quality, advances picking and handling times, and raises output by speeding up the packaging processes of the food product in food processing. The application of food automation in the food industry is all because of the growing demand for profitability, quality, and production of foods. To control and monitor the production and delivery of several goods and services automation is the formation of technology and its application. It performs tasks that were earlier complete by humans. Food automation is used in the food and beverage industry to formulate, processed, and packaged food products by a mechanical process.

Based on the mode of operation, the fully-automatic segment is going to have lucrative growth during the forecast period, due to factors such as, the increasing adoption of fully automated solutions for processing activities, such as picking & placing, palletizing & depalletizing packaging & repackaging, and grading & sorting. With the accessibility of industrial robot and robotics systems, as an alternative of human labors various food & beverages sector have automated there processing & packaging units. The tendency of substituting human labor with automatic systems is predictable to motivate the fully automatic operational mode.

By geography, Asia Pacific is going to have high growth during the forecast period, owing to the existence of big food & beverages manufacturing industries. The Asian countries, with China and Japan, have the foremost robotics, sensors, and automation

hardware components that additionally lead the automation industry. Moreover, India, China, and Australia have a robust F&B manufacturing sector and export to other European and American countries, creating automation solutions. Furthermore, strict government regulations and standards associated with food safety & quality to stop consumer illness are the main reasons associate with the acceptance of food automation solutions.

Some of the key players profiled in the Food Automation Market include Mitsubishi Electric Corporation, ABB Ltd, Rockwell Automation Inc, Siemens AG, Yokogawa Electric Corporation, Schneider Electric SE, GEA Group, Fortive Corporation, Yaskawa Electric Corporation, Rexnord Corporation, Emerson Electric Co., Nord Drivesystems, Copa-Data, Festo AG & Co and Elwood Corporation.

#### Types Covered:

Discrete Controllers & Visualization

Linear products

Motor Controls

Motors & Generators

Rotary Products

#### Mode of Automations Covered:

Semi-Automatic

Fully-Automatic

#### Functions Covered:

Bio Packaging

Butchery

Packaging & Repackaging

Palletizing & Depalletizing

Picking & Placing

Processing

Sorting & Grading

#### Components Covered:

Enterprise-level Controls

Plant Instrumentation

Plant-level Controls

#### End Users Covered:

Dairy Processing

Beverages & Distilleries

Bakery & Confectionery

Oils & Fats

Meat, Poultry, and Seafood Products

Fruits & Vegetables

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining Power Of Suppliers
- 4.2 Bargaining Power Of Buyers
- 4.3 Threat Of Substitutes
- 4.4 Threat Of New Entrants
- 4.5 Competitive Rivalry

### **5 GLOBAL FOOD AUTOMATION MARKET, BY TYPE**

- 5.1 Introduction
- 5.2 Discrete Controllers & Visualization
- 5.3 Linear products
- 5.4 Motor Controls
- 5.5 Motors & Generators
- 5.6 Rotary Products

## **6 GLOBAL FOOD AUTOMATION MARKET, BY MODE OF AUTOMATION**

- 6.1 Introduction
- 6.2 Semi-Automatic
- 6.3 Fully-Automatic

## **7 GLOBAL FOOD AUTOMATION MARKET, BY FUNCTION**

- 7.1 Introduction
- 7.2 Bio packaging
- 7.3 Butchery
- 7.4 Packaging & Repackaging
- 7.5 Palletizing & Depalletizing
- 7.6 Picking & Placing
- 7.7 Processing
- 7.8 Sorting & Grading

## **8 GLOBAL FOOD AUTOMATION MARKET, BY COMPONENT**

- 8.1 Introduction
- 8.2 Enterprise-level Controls
  - 8.2.1 Enterprise Resource Planning (ERP)
  - 8.2.2 Manufacturing Execution Systems (MES)
  - 8.2.3 Product Lifecycle Management (PLM)
- 8.3 Plant Instrumentation
  - 8.3.1 Controllers
  - 8.3.2 Industrial Robotics
  - 8.3.3 Machine Vision Systems
  - 8.3.4 Motors & Drives
  - 8.3.5 Relays & Switches
  - 8.3.6 Sensors and Transmitters



8.3.7 Valves and Actuators

8.4 Plant-Level Controls

8.4.1 Distributed Control Systems (DCS)

8.4.2 Programmable Logic Controllers (PLC)

8.4.3 Supervisory Control and Data Acquisition (SCADA)

8.4.4 Other Plant-Level Controls

8.4.4.1 Artificial Neural Network (ANN)

8.4.4.2 Human Machine Interface (HMI)

8.4.4.3 Variable-frequency Drive (VFD)

## **9 GLOBAL FOOD AUTOMATION MARKET, BY END USER**

9.1 Introduction

9.2 Dairy Processing

9.3 Beverages & Distilleries

9.4 Bakery & Confectionery

9.5 Oils & Fats

9.6 Meat, Poultry, and Seafood

9.7 Fruits & Vegetables

## **10 GLOBAL FOOD AUTOMATION MARKET, BY GEOGRAPHY**

10.1 Introduction

10.2 North America

10.2.1 US

10.2.2 Canada

10.2.3 Mexico

10.3 Europe

10.3.1 Germany

10.3.2 UK

10.3.3 Italy

10.3.4 France

10.3.5 Spain

10.3.6 Rest of Europe

10.4 Asia Pacific

10.4.1 Japan

10.4.2 China

10.4.3 India

10.4.4 Australia

- 10.4.5 New Zealand
- 10.4.6 South Korea
- 10.4.7 Rest of Asia Pacific
- 10.5 South America
  - 10.5.1 Argentina
  - 10.5.2 Brazil
  - 10.5.3 Chile
  - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Rexnord Corporation
- 12.2 ABB Ltd
- 12.3 Copa-Data
- 12.4 Elwood Corporation
- 12.5 Emerson Electric Co.
- 12.6 Festo AG & Co
- 12.7 Fortive Corporation
- 12.8 GEA Group
- 12.9 Mitsubishi Electric Corporation
- 12.10 Nord Drivesystems
- 12.11 Rockwell Automation, Inc.
- 12.12 Schneider Electric SE
- 12.13 Siemens AG
- 12.14 Yaskawa Electric Corporation

## 12.15 Yokogawa Electric Corporation

## List Of Tables

### LIST OF TABLES

Table 1 Global Food Automation Market Outlook, By Region (2019-2028) (US \$MN)

Table 2 Global Food Automation Market Outlook, By Type (2019-2028) (US \$MN)

Table 3 Global Food Automation Market Outlook, By Discrete Controllers & Visualization (2019-2028) (US \$MN)

Table 4 Global Food Automation Market Outlook, By Linear products (2019-2028) (US \$MN)

Table 5 Global Food Automation Market Outlook, By Motor Controls (2019-2028) (US \$MN)

Table 6 Global Food Automation Market Outlook, By Motors & Generators (2019-2028) (US \$MN)

Table 7 Global Food Automation Market Outlook, By Rotary Products (2019-2028) (US \$MN)

Table 8 Global Food Automation Market Outlook, By Mode of Automation (2019-2028) (US \$MN)

Table 9 Global Food Automation Market Outlook, By Semi-Automatic (2019-2028) (US \$MN)

Table 10 Global Food Automation Market Outlook, By Fully-Automatic (2019-2028) (US \$MN)

Table 11 Global Food Automation Market Outlook, By Function (2019-2028) (US \$MN)

Table 12 Global Food Automation Market Outlook, By Bio packaging (2019-2028) (US \$MN)

Table 13 Global Food Automation Market Outlook, By Butchery (2019-2028) (US \$MN)

Table 14 Global Food Automation Market Outlook, By Packaging & Repackaging (2019-2028) (US \$MN)

Table 15 Global Food Automation Market Outlook, By Palletizing & Depalletizing (2019-2028) (US \$MN)

Table 16 Global Food Automation Market Outlook, By Picking & Placing (2019-2028) (US \$MN)

Table 17 Global Food Automation Market Outlook, By Processing (2019-2028) (US \$MN)

Table 18 Global Food Automation Market Outlook, By Sorting & Grading (2019-2028) (US \$MN)

Table 19 Global Food Automation Market Outlook, By Component (2019-2028) (US \$MN)

Table 20 Global Food Automation Market Outlook, By Enterprise-level Controls

(2019-2028) (US \$MN)

Table 21 Global Food Automation Market Outlook, By Enterprise Resource Planning (ERP) (2019-2028) (US \$MN)

Table 22 Global Food Automation Market Outlook, By Manufacturing Execution Systems (MES) (2019-2028) (US \$MN)

Table 23 Global Food Automation Market Outlook, By Product Lifecycle Management (PLM) (2019-2028) (US \$MN)

Table 24 Global Food Automation Market Outlook, By Plant Instrumentation (2019-2028) (US \$MN)

Table 25 Global Food Automation Market Outlook, By Controllers (2019-2028) (US \$MN)

Table 26 Global Food Automation Market Outlook, By Industrial Robotics (2019-2028) (US \$MN)

Table 27 Global Food Automation Market Outlook, By Machine Vision Systems (2019-2028) (US \$MN)

Table 28 Global Food Automation Market Outlook, By Motors & Drives (2019-2028) (US \$MN)

Table 29 Global Food Automation Market Outlook, By Relays & Switches (2019-2028) (US \$MN)

Table 30 Global Food Automation Market Outlook, By Sensors and Transmitters (2019-2028) (US \$MN)

Table 31 Global Food Automation Market Outlook, By Valves and Actuators (2019-2028) (US \$MN)

Table 32 Global Food Automation Market Outlook, By Plant-Level Controls (2019-2028) (US \$MN)

Table 33 Global Food Automation Market Outlook, By Distributed Control Systems (DCS) (2019-2028) (US \$MN)

Table 34 Global Food Automation Market Outlook, By Programmable Logic Controllers (PLC) (2019-2028) (US \$MN)

Table 35 Global Food Automation Market Outlook, By Supervisory Control and Data Acquisition (SCADA) (2019-2028) (US \$MN)

Table 36 Global Food Automation Market Outlook, By Other Plant-Level Controls (2019-2028) (US \$MN)

Table 37 Global Food Automation Market Outlook, By End User (2019-2028) (US \$MN)

Table 38 Global Food Automation Market Outlook, By Dairy Processing (2019-2028) (US \$MN)

Table 39 Global Food Automation Market Outlook, By Beverages & Distilleries (2019-2028) (US \$MN)

Table 40 Global Food Automation Market Outlook, By Bakery & Confectionery

(2019-2028) (US \$MN)

Table 41 Global Food Automation Market Outlook, By Oils & Fats (2019-2028) (US \$MN)

Table 42 Global Food Automation Market Outlook, By Meat, Poultry, and Seafood (2019-2028) (US \$MN)

Table 43 Global Food Automation Market Outlook, By Fruits & Vegetables (2019-2028) (US \$MN)

Note: Tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are represented in the same manner above.

## I would like to order

Product name: Food Automation - Global Market Outlook (2020-2028)

Product link: <https://marketpublishers.com/r/FDD2992D8A74EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/FDD2992D8A74EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970