

Food Automation Market by Type (Motor Controls, Discrete controllers & visualization, rotary & linear products), Function (Palletizing, Sorting & Grading, Picking & Placing, Processing), Application (Dairy, Bakery), and Region - Global Forecast to 2022

<https://marketpublishers.com/r/FB70E360490EN.html>

Date: July 2017

Pages: 155

Price: US\$ 5,650.00 (Single User License)

ID: FB70E360490EN

Abstracts

“The food automation market is projected to grow at a CAGR of 6.90%.”

The global food automation market was valued at USD 8.22 billion in 2016 and is projected to reach a value of USD 12.26 billion by 2022, growing at a CAGR of 6.90%. The food automation market is driven by the increasing inclination of consumers towards processed and ready to eat foods, technological advancements in automation and stringent international food safety regulations. The requirement of high capital investment has been considered as the restraining factors for the market.

“Discrete controllers & visualization is projected be the fastest-growing type for food automation during the forecast period”

One of the major drivers for the growth of discrete controllers & visualization segment is contributed due to its comprehensive nature to offer integrated and flexible production options to manufacturers. Control and visualization systems provide smooth manufacturing operations through efficient control and management. Incorporating control systems provides manufacturers with increased productivity and quality by streamlining multiple processes in manufacturing plants. Greater coordination of plant processes is achieved by integrating factory automation with control and visualization tools

“Packaging & repackaging is projected be the fastest-growing function for food

automation during the forecast period”

One of the driver for growth of packaging & re-packaging segment is the growing food safety concerns among consumers. Automated packaging helps food manufacturers with their challenges of maintaining food safety/ hygiene and quality.

“Asia-Pacific is projected be the fastest-growing region for food automation during the forecast period”

Asia-Pacific is projected to be the fastest-growing region from 2017 to 2022 due to its large market base for the food & beverage industry; the improved standard of living due to the rise in income levels, and growing number of manufacturer in the region. The food & beverage market in the Asia-Pacific region is currently undergoing a transformation in response to rapid urbanization, diet diversification, and the liberalization of foreign direct investment in the food sector.

Break-up of Primaries:

By Company Type – Tier 1- 35%, Tier 2- 45%, Tier 3- 20%

By Designation – C level- 25%, Directors- 30%, Others - 45%

By Region – North America - 20%, Europe- 25%, Asia-Pacific- 45%, RoW- 10%

Others include sales managers, marketing managers, and product managers.

Leading players profiled in this report are as follows:

Rockwell Automation, Inc. (U.S.)

Siemens AG (Germany)

ABB Ltd (Switzerland)

Mitsubishi Electric Corporation (Japan)

Schneider Electric SE (France)

Yokogawa Electric Corporation (Japan)

GEA Group (Germany)

Fortive Corporation (U.S.)

Yaskawa Electric Corporation (Japan)

Rexnord Corporation (U.S.)

Emerson Electric C. (U.S.)

Nord Drivesystems (Germany)

Study Coverage:

The food automation market has been segmented on the basis of type, function, and application, which are further divided into their subsegments. It has also been segmented on the basis of region into North America, Europe, Asia-Pacific, and the Rest of the World (RoW). In terms of insights, this research report has focused on various levels of analyses—industry analysis, company profiles of top players, which together comprise and discuss the basic views on the competitive landscape, emerging & high-growth segments of the food automation market, high-growth regions, countries, drivers, restraints, and opportunities.

Reasons to buy this report:

To get a comprehensive overview of the global food automation market

To gain wide-ranging information about the top players in this industry, their product portfolios, and key strategies adopted by the players

To gain insights about country- and region-based market trends and growth prospects in the food automation market

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
- 1.4 PERIODIZATION
- 1.5 CURRENCY
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS & LIMITATIONS
 - 2.4.1 ASSUMPTIONS
 - 2.4.2 LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE FOOD AUTOMATION MARKET
- 4.2 ASIA-PACIFIC: FOOD AUTOMATION MARKET, BY COUNTRY AND APPLICATION
- 4.3 FOOD AUTOMATION MARKET, BY COUNTRY
- 4.4 LIFE CYCLE ANALYSIS, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

Food Automation Market by Type (Motor Controls, Discrete controllers & visualization, rotary & linear products...

5.2 MACRO INDICATORS

5.2.1 GROWTH OF THE GLOBAL FOOD & BEVERAGE INDUSTRY

5.2.2 INCREASING PER CAPITA FOOD CONSUMPTION

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Technological advancements in automation

5.3.1.2 Stringent international food safety regulations

5.3.2 RESTRAINTS

5.3.2.1 High capital investment requirement

5.3.3 OPPORTUNITIES

5.3.3.1 Demand for advanced machinery with high productivity and efficiency

5.3.4 CHALLENGES

5.3.4.1 Difficulty in training and managing labor

5.4 VALUE CHAIN ANALYSIS

5.5 REGULATORY ENVIRONMENT

6 FOOD AUTOMATION MARKET, BY TYPE

6.1 INTRODUCTION

6.2 MOTORS & GENERATORS

6.3 MOTOR CONTROLS

6.4 DISCRETE CONTROLLER SYSTEMS & VISUALIZATION

6.5 ROTARY & LINEAR PRODUCTS

6.6 OTHERS

7 FOOD AUTOMATION MARKET, BY FUNCTION

7.1 INTRODUCTION

7.2 PACKAGING & RE-PACKAGING

7.3 PALLETIZING

7.4 SORTING & GRADING

7.5 PICKING & PLACING

7.6 PROCESSING

7.7 OTHER FUNCTIONS

8 FOOD AUTOMATION MARKET, BY APPLICATION

8.1 INTRODUCTION

8.2 DAIRY

- 8.3 BAKERY
- 8.4 BEVERAGE
- 8.5 CONFECTIONERY
- 8.6 FRUITS & VEGETABLES
- 8.7 MEAT, POULTRY, AND SEAFOOD
- 8.8 OTHERS

9 FOOD AUTOMATION MARKET, BY REGION

- 9.1 INTRODUCTION
- 9.2 NORTH AMERICA
 - 9.2.1 U.S.
 - 9.2.2 CANADA
 - 9.2.3 MEXICO
- 9.3 EUROPE
 - 9.3.1 GERMANY
 - 9.3.2 FRANCE
 - 9.3.3 ITALY
 - 9.3.4 U.K.
 - 9.3.5 SPAIN
 - 9.3.6 REST OF EUROPE
- 9.4 ASIA-PACIFIC
 - 9.4.1 CHINA
 - 9.4.2 JAPAN
 - 9.4.3 AUSTRALIA
 - 9.4.4 SOUTH KOREA
 - 9.4.5 TAIWAN
 - 9.4.6 INDIA
 - 9.4.7 REST OF ASIA-PACIFIC
- 9.5 REST OF THE WORLD (ROW)
 - 9.5.1 SOUTH AMERICA
 - 9.5.1.1 Brazil
 - 9.5.1.2 Argentina
 - 9.5.2 AFRICA
 - 9.5.3 MIDDLE EAST

10 COMPETITIVE LANDSCAPE

- 10.1 INTRODUCTION

10.2 COMPETITIVE LEADERSHIP MAPPING

10.2.1 VISIONARY LEADERS

10.2.2 INNOVATORS

10.2.3 DYNAMIC DIFFERENTIATORS

10.2.4 EMERGING COMPANIES

10.3 COMPETITIVE BENCHMARKING

10.3.1 STRENGTH OF PRODUCT PORTFOLIO (FOR 25 PLAYERS)

10.3.2 BUSINESS STRATEGY EXCELLENCE (FOR 25 PLAYERS)

*Top 25 companies analyzed for this study are – Mitsubishi Electric Corporation (Japan), ABB Ltd (Switzerland), Rockwell Automation, Inc. (U.S.), Siemens AG (Germany), Yokogawa Electric Corporation (Japan), Schneider Electric SE (France), GEA Group (Germany), Fortive Corporation (U.S.), Yaskawa Electric Corporation (Japan), Rexnord Corporation (U.S.), Emerson Electric Co. (U.S.), Nord Drivesystems (Germany), Horner APG, LLC. (HS Motion Group) (U.S.), ScandiNova Systems AB (Sweden), Festo AG & Co. KG (Germany), Eaton Corporation plc (Ireland), Ametek Inc. (U.S.), Tetra Laval International SA (Switzerland), COPA-DATA GmbH (Austria), Frontmatec (Denmark), ProLeiT AG (Germany), HollySys Automation Technologies Ltd. (China), Elwood Corporation (U.S.), KEB Automation KG (Germany), ST?BER ANTRIEBSTECHNIK GmbH & Co. KG (Germany)

10.4 RANKING ANALYSIS

11 COMPANY PROFILES

(Company overview, Strength of product portfolio, Product offerings, Business strategy excellence, Recent developments)*

11.1 MITSUBISHI ELECTRIC CORPORATION

11.2 ABB LTD

11.3 ROCKWELL AUTOMATION, INC.

11.4 SIEMENS AG

11.5 YOKOGAWA ELECTRIC CORPORATION

11.6 SCHNEIDER ELECTRIC SE

11.7 GEA GROUP

11.8 FORTIVE CORPORATION

11.9 YASKAWA ELECTRIC CORPORATION

11.10 REXNORD CORPORATION

11.11 EMERSON ELECTRIC CO.

11.12 NORD DRIVESYSTEMS

*Details on Company overview, Strength of product portfolio, Product offerings, Business strategy excellence, Recent developments might not be captured in case of unlisted companies.

12 APPENDIX

12.1 KEY INDUSTRY INSIGHTS

12.2 DISCUSSION GUIDE

12.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

12.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

12.5 AVAILABLE CUSTOMIZATIONS

12.6 RELATED REPORTS

12.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 FOOD AUTOMATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 2 MOTORS & GENERATORS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 3 MOTOR CONTROLS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 4 DISCRETE CONTROLLERS & VISUALIZATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 5 ROTARY PRODUCTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 6 LINEAR PRODUCTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 7 FOOD AUTOMATION MARKET SIZE FOR OTHER TYPES, BY REGION, 2015–2022 (USD MILLION)

Table 8 FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 9 PACKAGING & RE-PACKAGING: FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 10 PALLETIZING: FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 11 SORTING & GRADING: FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 12 PICKING & PLACING: FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 13 PROCESSING: FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 14 OTHER FUNCTIONS: FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 15 FOOD AUTOMATION MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 16 FOOD AUTOMATION MARKET SIZE IN DAIRY, BY REGION, 2015–2022 (USD MILLION)

Table 17 FOOD AUTOMATION MARKET SIZE IN BAKERY, BY REGION, 2015–2022 (USD MILLION)

Table 18 FOOD AUTOMATION MARKET SIZE IN BEVERAGE, BY REGION, 2015–2022 (USD MILLION)

Table 19 FOOD AUTOMATION MARKET SIZE IN CONFECTIONERY, BY REGION, 2015–2022 (USD MILLION)

Table 20 FOOD AUTOMATION MARKET SIZE IN FRUITS & VEGETABLES, BY REGION, 2015–2022 (USD MILLION)

Table 21 FOOD AUTOMATION MARKET SIZE IN MEAT, POULTRY, AND SEAFOOD, BY REGION, 2015–2022 (USD MILLION)

Table 22 FOOD AUTOMATION MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2015–2022 (USD MILLION)

Table 23 FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 24 NORTH AMERICA: FOOD AUTOMATION MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 25 NORTH AMERICA: FOOD AUTOMATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 26 NORTH AMERICA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 27 NORTH AMERICA: FOOD AUTOMATION MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 28 U.S.: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 29 CANADA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 30 MEXICO: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 31 EUROPE: FOOD AUTOMATION MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 32 EUROPE: FOOD AUTOMATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 33 EUROPE: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 34 EUROPE: FOOD AUTOMATION MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 35 GERMANY: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 36 FRANCE: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 37 ITALY: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 38 U.K.: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022

(USD MILLION)

Table 39 SPAIN: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022

(USD MILLION)

Table 40 REST OF EUROPE: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 41 ASIA-PACIFIC: FOOD AUTOMATION MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 42 ASIA-PACIFIC: FOOD AUTOMATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 43 ASIA-PACIFIC: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 44 ASIA-PACIFIC: FOOD AUTOMATION MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 45 CHINA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 46 JAPAN: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 47 AUSTRALIA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 48 SOUTH KOREA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 49 TAIWAN: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 50 INDIA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 51 REST OF ASIA-PACIFIC: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 52 ROW: FOOD AUTOMATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 53 ROW: FOOD AUTOMATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 54 ROW: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 55 ROW: FOOD AUTOMATION MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 56 SOUTH AMERICA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 57 BRAZIL: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022 (USD MILLION)

Table 58 ARGENTINA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION,
2015–2022 (USD MILLION)

Table 59 AFRICA: FOOD AUTOMATION MARKET SIZE, BY FUNCTION, 2015–2022
(USD MILLION)

Table 60 MIDDLE EAST: FOOD AUTOMATION MARKET SIZE, BY FUNCTION,
2015–2022 (USD MILLION)

List Of Figures

LIST OF FIGURES

Figure 1 MARKET SEGMENTATION

Figure 2 REGIONAL SCOPE

Figure 3 FOOD AUTOMATION MARKET: RESEARCH DESIGN

Figure 4 FOOD AUTOMATION MARKET: BREAKDOWN OF PRIMARY INTERVIEWS

Figure 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 7 DATA TRIANGULATION METHODOLOGY

Figure 8 DISCRETE CONTROLLERS AND VISUALIZATION PROJECTED TO BE THE FASTEST-GROWING SEGMENT DURING THE FORECAST PERIOD

Figure 9 PALLETIZING IS PROJECTED TO ACCOUNT FOR THE LARGEST SHARE DURING THE FORECAST PERIOD

Figure 10 DEMAND FOR AUTOMATION IS PROJECTED TO BE THE HIGHEST IN BEVERAGE THROUGH 2022

Figure 11 EUROPE WAS THE LARGEST MARKET IN 2016

Figure 12 TECHNOLOGICAL ADVANCEMENTS AND STRINGENT FOOD REGULATIONS ARE EXPECTED TO DRIVE GROWTH IN THE MARKET

Figure 13 BEVERAGE SEGMENT ACCOUNTED FOR THE LARGEST SHARE IN THE ASIA-PACIFIC MARKET IN 2016

Figure 14 SOUTH KOREA IS PROJECTED TO GROW AT THE HIGHEST RATE FROM 2017 TO 2022

Figure 15 FOOD AUTOMATION MARKET IS PROJECTED TO EXPERIENCE STRONG GROWTH IN THE ASIA-PACIFIC REGION

Figure 16 GLOBAL FOOD, BEVERAGE, AND TOBACCO INDUSTRIES, 2006–2015 (USD BILLION)

Figure 17 GLOBAL PER CAPITA FOOD CONSUMPTION ACROSS REGIONS (KCAL PER CAPITA PER DAY)

Figure 18 MARKET DYNAMICS: FOOD AUTOMATION

Figure 19 VALUE CHAIN OF FOOD AUTOMATION

Figure 20 GEOGRAPHIC SNAPSHOT (2017–2022): RAPIDLY GROWING MARKETS ARE EMERGING AS NEW HOTSPOTS

Figure 21 U.S. WAS THE LARGEST MARKET FOR FOOD AUTOMATION IN NORTH AMERICA

Figure 22 GERMANY HELD THE LARGEST MARKET SHARE FOR FOOD AUTOMATION IN EUROPE IN 2016

Figure 23 CHINA HELD THE LARGEST SHARE IN THE ASIA-PACIFIC FOOD

AUTOMATION MARKET

Figure 24 GLOBAL FOOD AUTOMATION MARKET: COMPETITIVE LEADERSHIP MAPPING, 2017

Figure 25 MITSUBISHI ELECTRIC CORPORATION: COMPANY SNAPSHOT

Figure 26 ABB LTD: COMPANY SNAPSHOT

Figure 27 ROCKWELL AUTOMATION, INC.: COMPANY SNAPSHOT

Figure 28 SIEMENS AG: COMPANY SNAPSHOT

Figure 29 YOKOGAWA ELECTRIC CORPORATION: COMPANY SNAPSHOT

Figure 30 SCHNEIDER ELECTRIC SE: COMPANY SNAPSHOT

Figure 31 GEA GROUP: COMPANY SNAPSHOT

Figure 32 FORTIVE CORPORATION: COMPANY SNAPSHOT

Figure 33 YASKAWA ELECTRIC CORPORATION: COMPANY SNAPSHOT

Figure 34 REXNORD CORPORATION: COMPANY SNAPSHOT

Figure 35 EMERSON ELECTRIC CO.: COMPANY SNAPSHOT

I would like to order

Product name: Food Automation Market by Type (Motor Controls, Discrete controllers & visualization, rotary & linear products), Function (Palletizing, Sorting & Grading, Picking & Placing, Processing), Application (Dairy, Bakery), and Region - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/FB70E360490EN.html>

Price: US\$ 5,650.00 (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/FB70E360490EN.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