

Global Food Automation Market Size study, by Product (Discrete Controller and Visualization, Generators and Motors, Linear and Rotary Products, Motor Controls, Others), Application (Bakery, Beverages, Confectionary, Dairy, Fruits and Vegetables, Poultry, Others) and Regional Forecasts 2018-2025

<https://marketpublishers.com/r/G9D980E0D35EN.html>

Date: May 2019

Pages: 200

Price: US\$ 2,568.00 (Single User License)

ID: G9D980E0D35EN

Abstracts

Global food automation market is valued at approximately USD 118.8 billion in 2018 and is anticipated to grow with a healthy growth rate of more than 8.4% over the forecast period 2018-2025. Automation is the usage of control systems aimed at functioning of different machineries and equipment without human interference. Growing demand for production, profitability and superiority in food industry adoption of automation is increasing. Also, the automation in food industry promotes better quality control and better-quality assurance. Hence, automation is extremely critical for food industry as it matches with the environmental regulatory agencies and food safety terms. Furthermore, rising demand for automation in food sector is key trend for the industrial automation and process control industry. Advancements in food automation have transformed the performance for various food sectors. However, high initial investment related with installation of such equipment is major factor that impede the growth the market over the forecast period of 2018-2025.

On the basis of segmentation, the food automation market is segmented into Product and Application. On the basis of product segment, the food automation market is segmented into discrete controller and visualization, generators and motors, linear and rotary products, motor controls and others. The Generators and Motors segment is on surging trend in the global scenario. The same segment holds the leading position in the

food automation market. The Generators and Motors segment is expected to be valued at USD 5151.9 million in terms of revenue (in 2025). Food manufacturers need to become more flexible and agile to satisfy the increasing and changing requirements of consumers and retailers. Food automation products is gaining traction globally as it simplifies the food wrapping process, which includes sorting, packaging and food management processes. High adoption of automation in food industry is observed owing to the increasing demand for productivity, quality and profitability. Using automation, food manufacturers can use various products such machine vision systems in order to measure some aspects of the outcomes of the manufacturing process (such as texture, shape, size and location) that is indicative of the efficiency, quality and accuracy of the process. The measures parameters can be used as a feedback in real time control loop which optimizes process through variations in process parameters (such as temperature, speed and flow rate). Increasing necessity to overcome challenges of sustaining the product quality and safety coupled with the need to maintain effective and smooth functioning of systems is anticipated to foster the growth of the food automation products.

Among the product segment, generators and motors is gaining acceptance owing to the its inherent advantages such as help to run food industry applications, from raw material handling, to processing and conveying, to packaging and storing, without compromising on the standards required in the industry. Apart from this, discrete controller and visualization segment is expected to emerge as a fastest growing segment. Factors such as increasing demand for cost-effective and quality food products is anticipated to foster the growth of the segment over the forecast period.

On the basis of application segment, the food automation market is segmented into bakery, beverages, confectionary, dairy, Fruits and vegetables, poultry and others. The beverages segment is on surging trend in the global scenario. The same segment holds the leading position in the food automation market. Beverages segment is expected to be valued at USD 4368.7 million (in 2025) in terms of revenue. Complete vertical integration of beverage manufacturing processes by adopting networked and computerized solution along with the value chain optimization is anticipated to promote the growth of the beverage segment over the forecast period. Further, rising adoption of automation in food industry is also anticipated to drive the application segment. For instance: In March 2017, as per the Survey conducted by the Association for Packaging and Processing Technologies reveals that almost a third of food and beverage processing and 94% of packaging operations are done using automation. Private players are also actively investing funds to promote the integration of automation processes into their manufacturing process. For instance: United Kingdom based meat

producer Moy Park has invested around \$ 23.83 million to upgrade its tow poultry processing facilities, that would boost the company's manufacturing capacity to approximately 6 million birds per week. Similarly, as per the Union Budget 2017-2018, Indian government has committed \$1.2 billion to promote dairy processing activities. As a result, the adoption of demand for food automation solutions and systems would increase, promoting the growth of the application segment.

North America food automation market include United States and Canada for analysis. In the United States, According to Food and Drug Administration, the FDA has stated that the food production in the United States should be done through scientific, risk based and hazard analysis approach as it is mandatory to verify the food importer information. According to Food and Agriculture organization, United States is the second leading country in terms of per capita food consumption globally. According to Food and Agriculture Organization, The United States per capita food consumption accounted for 3750 Kilocalories in the year 2016 as compared to 3430 kilocalories in the year 2015. The surging per capita food consumption creates a lucrative opportunity for the development of food automation as escalating per capita food consumption would enhance the utility and demand of food packaging and food processing which would directly impact the adoption and growth of food automation market in the United States.

Market player included in this report are:

Mitsubishi Electric Corporation

ABB Ltd

Rockwell Automation, Inc

Schneider Electric SE

GEA Group

Nord Drivesystems

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Discrete Controller and Visualization

Generators and Motors

Linear and Rotary Products

Motor Controls

Others

By Application:

Bakery

Beverages

Confectionary

Dairy

Fruits and Vegetables

Poultry

Others

By Regions:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America
Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2015, 2016

Base year – 2017

Forecast period – 2018 to 2025

Target Audience of the Global Food Automation Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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