

# **Europe Industrial Automation Equipment (IAE) Market 2022-2032 by Equipment Type (Automation Equipment, Power Transmission, Motors and Motor Controls), Technology (Industrial Robots, Control Valves, Sensors, Machine Vision), Industry Vertical (Oil & Gas, Automotive & Transportation, Mining & Metals, Machine Manufacturing, Energy and Power, Electrical & Electronics, Others), and Country: Trend Forecast and Growth Opportunity**

<https://marketpublishers.com/r/EAFE245BA965EN.html>

Date: September 2023

Pages: 173

Price: US\$ 2,380.00 (Single User License)

ID: EAFE245BA965EN

## **Abstracts**

Europe industrial automation equipment (IAE) market was valued at \$61.8 billion in 2022 and will grow by 6.9% annually over 2022-2032, driven by the technological advancement in industrial automation equipment, emergence of new products and services, and the increasing adoption of advanced automation systems to improve the productivity and save cost.

Highlighted with 42 tables and 61 figures, this 173-page report “Europe Industrial Automation Equipment (IAE) Market 2022-2032 by Equipment Type (Automation Equipment, Power Transmission, Motors and Motor Controls), Technology (Industrial Robots, Control Valves, Sensors, Machine Vision), Industry Vertical (Oil & Gas, Automotive & Transportation, Mining & Metals, Machine Manufacturing, Energy and Power, Electrical & Electronics, Others), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Europe industrial automation equipment (IAE) market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry

professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Europe industrial automation equipment (IAE) Industrial Automation Equipment (IAE) market in every aspect of the classification from perspectives of Equipment Type, Technology, Industry Vertical and Country.

Based on Equipment Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Automation Equipment Sector

Discrete Controllers & Visualization

Process Control

Switchgear

Power Transmission Equipment

Rotary Products

Linear Products

Motors and Motor Controls

Motors & Generators

Motor Controls

Based on Technology, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Industrial Robots

Control Valves

Sensors

Machine Vision

Other Technologies

By Industry Vertical, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Oil & Gas

Automotive & Transportation

Mining & Metals

Machine Manufacturing

Energy and Power

Electrical & Electronics

Aerospace & Defense

Chemical Industry

Pharmaceuticals

Food & Beverages

Other Industries

Geographically, the following national/local markets are fully investigated:

Germany

UK

France

Spain

Italy

Russia

Rest of Europe (further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Equipment Type, Technology, and Industry Vertical over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Azbil Corporation

Bharat Heavy Electrical Ltd

Danaher Corporation

Emerson Electric Co.

Fanuc Corp.

General Electric Co.

Hitachi, Ltd.

Honeywell International Inc.

Johnson Controls Inc

Metso Corporation

Mitsubishi Electric Corp.

Nextnine Ltd

NovaTech Process Solutions LLC

Omron Corporation

Rockwell Automation Inc.

Samsung Electronics

Schneider Electric SE

Siemens AG

Toshiba Machine Co., Ltd.

Yaskawa Electric Corp.

Yokogawa Electric Corporation

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

## Contents

### **1 INTRODUCTION 8**

- 1.1 Industry Definition and Research Scope 8
  - 1.1.1 Industry Definition 8
  - 1.1.2 Research Scope 10
- 1.2 Research Methodology 13
  - 1.2.1 Overview of Market Research Methodology 13
  - 1.2.2 Market Assumption 14
  - 1.2.3 Secondary Data 14
  - 1.2.4 Primary Data 14
  - 1.2.5 Data Filtration and Model Design 15
  - 1.2.6 Market Size/Share Estimation 16
  - 1.2.7 Research Limitations 17
- 1.3 Executive Summary 18

### **2 MARKET OVERVIEW AND DYNAMICS 21**

- 2.1 Market Size and Forecast 21
  - 2.1.1 Impact of COVID-19 on World Economy 22
  - 2.1.2 Impact of COVID-19 on the Market 25
  - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery 27
- 2.2 Major Growth Drivers 31
- 2.3 Market Restraints and Challenges 34
- 2.4 Emerging Opportunities and Market Trends 37
- 2.5 Porter's Fiver Forces Analysis 41

### **3 SEGMENTATION OF EUROPE MARKET BY EQUIPMENT TYPE 45**

- 3.1 Market Overview by Equipment Type 45
- 3.2 Automation Equipment Sector 47
  - 3.2.1 Discrete Controllers & Visualization 48
  - 3.2.2 Process Control 49
  - 3.2.3 Switchgear 50
- 3.3 Power Transmission Equipment 51
  - 3.3.1 Rotary Products 52
  - 3.3.2 Linear Products 53
- 3.4 Motors and Motor Controls 54

3.4.1 Motors & Generators 55

3.4.2 Motor Controls 56

## **4 SEGMENTATION OF EUROPE MARKET BY TECHNOLOGY 57**

4.1 Market Overview by Technology 57

4.2 Industrial Robots 59

4.3 Control Valves 60

4.4 Sensors 61

4.5 Machine Vision 62

4.6 Other Technologies 63

## **5 SEGMENTATION OF EUROPE MARKET BY INDUSTRY VERTICAL 64**

5.1 Market Overview by Industry Vertical 64

5.2 Oil & Gas 66

5.3 Automotive & Transportation 67

5.4 Mining & Metals 68

5.5 Machine Manufacturing 69

5.6 Energy and Power 70

5.7 Electrical & Electronics 71

5.8 Aerospace & Defense 72

5.9 Chemical Industry 73

5.10 Pharmaceuticals 74

5.11 Food & Beverages 75

5.12 Other Industries 76

## **6 EUROPEAN MARKET 2022-2032 BY COUNTRY 77**

6.1 Overview of European Market 77

6.2 Germany 80

6.3 U.K. 83

6.4 France 86

6.5 Spain 89

6.6 Italy 92

6.7 Russia 95

6.8 Rest of European Market 98

## **7 COMPETITIVE LANDSCAPE 100**



7.1 Overview of Key Vendors	100
7.2 New Product Launch, Partnership, Investment, and M&A	104
7.3 Company Profiles	105
ABB Ltd.	105
Azbil Corporation	107
Bharat Heavy Electrical Ltd	109
Danaher Corporation	111
Emerson Electric Co.	113
Fanuc Corp.	119
General Electric Co.	121
Hitachi, Ltd.	124
Honeywell International Inc.	128
Johnson Controls Inc	134
Metso Corporation	135
Mitsubishi Electric Corp.	137
Nextnine Ltd	141
NovaTech Process Solutions LLC	142
Omron Corporation	143
Rockwell Automation Inc.	146
Samsung Electronics	149
Schneider Electric SE	154
Siemens AG	159
Toshiba Machine Co., Ltd.	163
Yaskawa Electric Corp.	166
Yokogawa Electric Corporation	170
RELATED REPORTS	173

## List Of Tables

### LIST OF TABLES:

Table 1. Snapshot of Europe Industrial Automation Equipment Market in Balanced Perspective, 2022-2032	19
Table 2. World Economic Outlook, 2021-2031	23
Table 3. World Economic Outlook, 2021-2023	24
Table 4. Scenarios for Economic Impact of Ukraine Crisis	28
Table 5. Main Product Trends and Market Opportunities in Europe Industrial Automation Equipment Market	37
Table 6. Europe Industrial Automation Equipment Market by Equipment Type, 2022-2032, \$ mn	45
Table 7. Europe Industrial Automation Equipment Market: Automation Equipment Sector by Product, 2022-2032, \$ mn	47
Table 8. Europe Industrial Automation Equipment Market: Power Transmission Equipment by Product, 2022-2032, \$ mn	51
Table 9. Europe Industrial Automation Equipment Market: Motors and Motor Controls by Product, 2022-2032, \$ mn	54
Table 10. Europe Industrial Automation Equipment Market by Technology, 2022-2032, \$ mn	57
Table 11. Europe Industrial Automation Equipment Market by Industry Vertical, 2022-2032, \$ mn	64
Table 12. Europe Industrial Automation Equipment Market by Country, 2022-2032, \$ mn	79
Table 13. Germany Industrial Automation Equipment Market by Equipment Type, 2022-2032, \$ mn	81
Table 14. Germany Industrial Automation Equipment Market by Technology, 2022-2032, \$ mn	81
Table 15. Germany Industrial Automation Equipment Market by Industry Vertical, 2022-2032, \$ mn	82
Table 16. U.K. Industrial Automation Equipment Market by Equipment Type, 2022-2032, \$ mn	84
Table 17. U.K. Industrial Automation Equipment Market by Technology, 2022-2032, \$ mn	84
Table 18. U.K. Industrial Automation Equipment Market by Industry Vertical, 2022-2032, \$ mn	85
Table 19. France Industrial Automation Equipment Market by Equipment Type, 2022-2032, \$ mn	87

Table 20. France Industrial Automation Equipment Market by Technology, 2022-2032, \$ mn 87

Table 21. France Industrial Automation Equipment Market by Industry Vertical, 2022-2032, \$ mn 88

Table 22. Spain Industrial Automation Equipment Market by Equipment Type, 2022-2032, \$ mn 90

Table 23. Spain Industrial Automation Equipment Market by Technology, 2022-2032, \$ mn 90

Table 24. Spain Industrial Automation Equipment Market by Industry Vertical, 2022-2032, \$ mn 91

Table 25. Italy Industrial Automation Equipment Market by Equipment Type, 2022-2032, \$ mn 93

Table 26. Italy Industrial Automation Equipment Market by Technology, 2022-2032, \$ mn 93

Table 27. Italy Industrial Automation Equipment Market by Industry Vertical, 2022-2032, \$ mn 94

Table 28. Russia Industrial Automation Equipment Market by Equipment Type, 2022-2032, \$ mn 96

Table 29. Russia Industrial Automation Equipment Market by Technology, 2022-2032, \$ mn 96

Table 30. Russia Industrial Automation Equipment Market by Industry Vertical, 2022-2032, \$ mn 97

Table 31. Industrial Automation Equipment Market in Rest of Europe by Country, 2022-2032, \$ mn 99

Table 32. Breakdown of World Market by Key Vendor, 2022, % 102

Table 33. ABB Ltd.: Company Snapshot 105

Table 34. ABB Ltd.: Business Segmentation 106

Table 35. ABB Ltd.: Product Portfolio 106

Table 36. Emerson Electric Co.: Sales, Earnings and Assets by Business Division, 2015-2017, \$ million 115

Table 37. Emerson Electric Co.: Sales by Region, 2015-2017, \$ million 115

Table 38. General Electric: Revenue, Net Income and Assets, 2007-2017, \$ million 122

Table 39. Honeywell International Inc: Revenue, Net Income and Assets, 2007-2017, \$ million 130

Table 40. Honeywell International Inc.: Sales by Business Division, 2014-2017, \$ million 132

Table 41. Samsung Electronics Major Products by Business Division, 2017 149

Table 42. Siemens AG: Revenue, Net Income and Assets, 2013-2017, ?billion 160

## List Of Figures

### LIST OF FIGURES:

- Figure 1. Research Method Flow Chart 13
- Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation 16
- Figure 3. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032 18
- Figure 4. Europe Industrial Automation Equipment Market, 2022-2032, \$ mn 21
- Figure 5. Impact of COVID-19 on Business 25
- Figure 6. Primary Drivers and Impact Factors of Europe Industrial Automation Equipment Market 31
- Figure 7. Primary Restraints and Impact Factors of Europe Industrial Automation Equipment Market 34
- Figure 8. Investment Opportunity Analysis 38
- Figure 9. Porter's Fiver Forces Analysis of Europe Industrial Automation Equipment Market 41
- Figure 10. Breakdown of Europe Industrial Automation Equipment Market by Equipment Type, 2022-2032, % of Revenue 46
- Figure 11. Europe Addressable Market Cap in 2023-2032 by Equipment Type, Value (\$ mn) and Share (%) 46
- Figure 12. Europe Industrial Automation Equipment Market by Equipment Type: Automation Equipment Sector, 2022-2032, \$ mn 47
- Figure 13. Europe Industrial Automation Equipment Market by Automation Equipment Sector: Discrete Controllers & Visualization, 2022-2032, \$ mn 48
- Figure 14. Europe Industrial Automation Equipment Market by Automation Equipment Sector: Process Control, 2022-2032, \$ mn 49
- Figure 15. Europe Industrial Automation Equipment Market by Automation Equipment Sector: Switchgear, 2022-2032, \$ mn 50
- Figure 16. Europe Industrial Automation Equipment Market by Equipment Type: Power Transmission Equipment, 2022-2032, \$ mn 51
- Figure 17. Europe Industrial Automation Equipment Market by Power Transmission Equipment: Rotary Products, 2022-2032, \$ mn 52
- Figure 18. Europe Industrial Automation Equipment Market by Power Transmission Equipment: Linear Products, 2022-2032, \$ mn 53
- Figure 19. Europe Industrial Automation Equipment Market by Equipment Type: Motors and Motor Controls, 2022-2032, \$ mn 54
- Figure 20. Europe Industrial Automation Equipment Market by Motors and Motor Controls: Motors & Generators, 2022-2032, \$ mn 55

Figure 21. Europe Industrial Automation Equipment Market by Motors and Motor Controls: Motor Controls, 2022-2032, \$ mn 56

Figure 22. Breakdown of Europe Industrial Automation Equipment Market by Technology, 2022-2032, % of Sales Revenue 58

Figure 23. Europe Addressable Market Cap in 2023-2032 by Technology, Value (\$ mn) and Share (%) 58

Figure 24. Europe Industrial Automation Equipment Market by Technology: Industrial Robots, 2022-2032, \$ mn 59

Figure 25. Europe Industrial Automation Equipment Market by Technology: Control Valves, 2022-2032, \$ mn 60

Figure 26. Europe Industrial Automation Equipment Market by Technology: Sensors, 2022-2032, \$ mn 61

Figure 27. Europe Industrial Automation Equipment Market by Technology: Machine Vision, 2022-2032, \$ mn 62

Figure 28. Europe Industrial Automation Equipment Market by Technology: Other Technologies, 2022-2032, \$ mn 63

Figure 29. Breakdown of Europe Industrial Automation Equipment Market by Industry Vertical, 2022-2032, % of Sales Revenue 65

Figure 30. Europe Addressable Market Cap in 2023-2032 by Industry Vertical, Value (\$ mn) and Share (%) 65

Figure 31. Europe Industrial Automation Equipment Market by Industry Vertical: Oil & Gas, 2022-2032, \$ mn 66

Figure 32. Europe Industrial Automation Equipment Market by Industry Vertical: Automotive & Transportation, 2022-2032, \$ mn 67

Figure 33. Europe Industrial Automation Equipment Market by Industry Vertical: Mining & Metals, 2022-2032, \$ mn 68

Figure 34. Europe Industrial Automation Equipment Market by Industry Vertical: Machine Manufacturing, 2022-2032, \$ mn 69

Figure 35. Europe Industrial Automation Equipment Market by Industry Vertical: Energy and Power, 2022-2032, \$ mn 70

Figure 36. Europe Industrial Automation Equipment Market by Industry Vertical: Electrical & Electronics, 2022-2032, \$ mn 71

Figure 37. Europe Industrial Automation Equipment Market by Industry Vertical: Aerospace & Defense, 2022-2032, \$ mn 72

Figure 38. Europe Industrial Automation Equipment Market by Industry Vertical: Chemical Industry, 2022-2032, \$ mn 73

Figure 39. Europe Industrial Automation Equipment Market by Industry Vertical: Pharmaceuticals, 2022-2032, \$ mn 74

Figure 40. Europe Industrial Automation Equipment Market by Industry Vertical: Food &

Beverages, 2022-2032, \$ mn 75

Figure 41. Europe Industrial Automation Equipment Market by Industry Vertical: Other Industries, 2022-2032, \$ mn 76

Figure 42. Breakdown of European Industrial Automation Equipment Market by Country, 2022 and 2032, % of Revenue 78

Figure 43. Contribution to Europe 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%) 79

Figure 44. Industrial Automation Equipment Market in Germany, 2022-2032, \$ mn 80

Figure 45. Industrial Automation Equipment Market in U.K., 2022-2032, \$ mn 83

Figure 46. Industrial Automation Equipment Market in France, 2022-2032, \$ mn 86

Figure 47. Industrial Automation Equipment Market in Spain, 2022-2032, \$ mn 89

Figure 48. Industrial Automation Equipment Market in Italy, 2022-2032, \$ mn 92

Figure 49. Industrial Automation Equipment Market in Russia, 2022-2032, \$ mn 95

Figure 50. Industrial Automation Equipment Market in Rest of Europe, 2022-2032, \$ mn 98

Figure 51. Growth Stage of Europe Industrial Automation Equipment Industry over the Forecast Period 100

Figure 52. Samsung Electronics Financial Summary by Division, 2014-2016, KRW million 150

Figure 53. Total Revenue and Consumer Electronics Revenue of Samsung Electronics, 2015-2016, \$bn 151

Figure 54. Samsung Electronics: Regional Segmentation of Revenue, 2017, % 151

Figure 55. Company Overview and Key Figures of Schneider Electric as of 2016 154

Figure 56. Schneider Electric: Sales Revenue by Business Segment, % of 2016 Revenue 155

Figure 57. Schneider Electric: Sales Revenue by Region, % of 2016 Revenue 155

Figure 58. Toshiba Machine Revenue by Business Segment, 2017, % 164

Figure 59. Toshiba Machine Revenue by Region in 2017, % 164

Figure 60. Yaskawa Net Sales by Business Segment, 2018, % 166

Figure 61. Yaskawa Revenue by Region in 2018, % 167

## I would like to order

Product name: Europe Industrial Automation Equipment (IAE) Market 2022-2032 by Equipment Type (Automation Equipment, Power Transmission, Motors and Motor Controls), Technology (Industrial Robots, Control Valves, Sensors, Machine Vision), Industry Vertical (Oil & Gas, Automotive & Transportation, Mining & Metals, Machine Manufacturing, Energy and Power, Electrical & Electronics, Others), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/EAFE245BA965EN.html>

Price: US\$ 2,380.00 (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/EAFE245BA965EN.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