

Italian Industrial Automation Market: Analysis By Control System (DCS, SCADA, PLC, and Others), By Component (Sensors, Control Valves, HMI, Industrial Robots, and Others), By Distribution Channel (OEMs, Distributors, System Specialists, and Others), By Application (Mechanics, Packaging, Food, Logistics, Metallurgy, Electronics, Ceramic, Cement & Bricks, Plastic & Rubber, Wood, and Others) Size and Trends with Impact of COVID-19 and Forecast up to 2028

<https://marketpublishers.com/r/I54934669F4CEN.html>

Date: December 2023

Pages: 142

Price: US\$ 2,250.00 (Single User License)

ID: I54934669F4CEN

Abstracts

The Italian industrial automation market was valued at US\$7.37 billion in 2022. The market value is expected to reach US\$13.46 billion by 2028. Industrial automation refers to the use of control systems, such as computers or robots, to handle different processes and machinery in an industrial setting. The primary goal is to replace or enhance human intervention with automated solutions, leading to increased efficiency, productivity, and safety. Industries are expected to prioritize the implementation of smart manufacturing solutions, including the Internet of Things (IoT) and artificial intelligence, to gain a competitive edge in the market. The need for supply chain resilience, heightened by the lessons learned from the COVID-19 pandemic, will further drive automation adoption to ensure business continuity and mitigate disruptions. As Italy seeks to strengthen its position in the global industrial landscape, the continuous evolution and integration of automation technologies are expected to play a pivotal role in shaping the future growth of the Italian industrial automation market. The market is expected to grow at a CAGR of approx. 11% during the forecasted period of 2023-2028.

Market Segmentation Analysis:

Italian Industrial Automation Market: Analysis By Control System (DCS, SCADA, PLC, and Others), By Component (...)

By Control System: The report provides the bifurcation of the market into four control systems: DCS, SCADA, PLC, and Others. DCS segment held the highest share of the market. The adoption of Distributed Control Systems (DCS) is growing in the Italian industrial automation market due to their ability to efficiently control and monitor complex processes in real-time. DCS provides a distributed architecture, allowing for the integration of various control elements across a manufacturing plant.

By Component: The report provides a glimpse of the market based on component: Sensors, Control Valves, HMI, Industrial Robots, and Others. Sensors held the highest share in the market, whereas Industrial Robots is expected to be the fastest growing segment in the forecasted period. The demand for industrial robots in the Italian industrial automation market is escalating as industries seek to automate repetitive and labor-intensive tasks. As industries prioritize efficiency, quality, and flexibility in production, the adoption of industrial robots is expected to grow significantly.

By Distribution Channel: The report analyzed the industrial automation market based on the following distribution channel: OEMs, Distributors, System Specialists, and Others. OEMs channel held the highest share in the market, whereas system specialists is expected to be the fastest-growing channel in the forecasted period. The growth of OEMs in the Italian industrial automation market is driven by their integral role in providing end-to-end automation solutions. OEMs design and manufacture the original equipment, including automation components and systems. As industries in Italy seek comprehensive solutions tailored to their specific needs, OEMs offer customized and integrated automation packages.

By Application: The report has been analysed based on the following applications: Mechanics, Packaging, Food, Logistics, Metallurgy, Electronics, Ceramic, Cement & Bricks, Plastic & Rubber, Wood, and Others. Mechanics held the highest share in the market and is expected to be the fastest growing segment in the forecasted period. Automation technologies optimize machining processes, assembly lines, and quality control, resulting in improved productivity and reduced production costs. Robotics and CNC systems are extensively used to automate tasks like welding, milling, and assembly, ensuring high precision and speed in mechanical production.

Market Dynamics:

Growth Drivers: The Italian industrial automation market growth is predicted to be supported by numerous growth drivers such as rising installation of industrial robots,

increasing labor cost index, increasing adoption of industry 4.0, favorable government incentives, and many other factors. The increase in the annual installation of industrial robots significantly contributes to the growth of the industrial automation market. As industries across various sectors adopt more industrial robots, the market experiences a surge in demand for robotic automation solutions. Industrial robots play a pivotal role in automating manufacturing processes, leading to improved efficiency, precision, and production capacity. This heightened adoption is driven by the pursuit of increased productivity, cost-effectiveness, and the ability to handle complex tasks.

Challenges: However, the market growth would be negatively impacted by various challenges such as high initial capital investment, lack of skilled labor force, etc.

Trends: The market is projected to grow at a fast pace during the forecast period, due to various latest trends such as growing impact of AI-driven industrial robotics, growing use of blockchain, growing industrial internet of things, robotics and collaborative automation, integration of digital twin technology, human machine interface evolution, etc. The impact of the Industrial Internet of Things (IIoT) on the growth of the industrial automation market is profound. IIoT seamlessly integrates smart devices, sensors, and machinery, fostering real-time data exchange and connectivity on the industrial floor. This connectivity enhances operational visibility, facilitates predictive maintenance, and enables data-driven decision-making. As industries in Italy and globally embrace Industry 4.0 principles, the synergies between IIoT and industrial automation are evident.

Impact Analysis of COVID-19 and Way Forward:

The COVID-19 pandemic significantly impacted the Italian industrial automation market in 2020, causing disruptions and a decline in market value. However, in 2021, with vaccination efforts and economic recovery, the market rebounded. Industries invested in automation to enhance competitiveness, adapt to the new normal, and prioritize resilience. Post-COVID-19, there was a notable shift towards remote operations, increased adoption of DCS and SCADA systems, and heightened investments in robotics, AI, and sustainability. This transformative phase marked a commitment to innovation and resilience in Italy's industrial automation landscape.

Competitive Landscape:

The Italian industrial automation market is moderately consolidated. The key players in the Italian industrial automation market are:

ABB Group
Mitsubishi Electric Corporation
Omron Corporation
Rockwell Automation, Inc.
Schneider Electric SE
Siemens AG
Honeywell International Inc.
General Electric Company
Stellantis N.V. (Comau S.p.A.)
Robert Bosch GmbH (Bosch Rexroth AG)
Yokogawa Electric Corporation
Festo

Italy has a diverse industrial landscape with a multitude of companies providing various automation solutions and services across different sectors. These companies offer a wide range of automation solutions, from control systems to robotics, catering to various industries. The market is characterized by technological innovation, strategic partnerships, and a focus on delivering efficient and advanced automation solutions to meet evolving industrial needs.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 Industrial Automation: An Overview

2.1.1 Introduction of Industrial Automation

2.1.2 Advantages and Disadvantages of Industrial Automation

2.2 Industrial Automation Segmentation: An Overview

2.2.1 Industrial Automation Segmentation

3. ITALIAN MARKET ANALYSIS

3.1 Italian Industrial Automation Market: An Analysis

3.1.1 Italian Industrial Automation Market: An Overview

3.1.2 Italian Industrial Automation Market by Value

3.1.3 Italian Industrial Automation Market by Control System (DCS, SCADA, PLC, and Others)

3.1.4 Italian Industrial Automation Market by Component (Sensors, Control Valves, HMI, Industrial Robots, and Others)

3.1.5 Italian Industrial Automation Market by Distribution Channel (OEMs, Distributors, System Specialists, and Others)

3.1.6 Italian Industrial Automation Market by Application (Mechanics, Packaging, Food, Logistics, Metallurgy, Electronics, Ceramic, Cement & Bricks, Plastic & Rubber, Wood, and Others)

3.2 Italian Industrial Automation Market: Control System Analysis

3.2.1 Italian Industrial Automation Market by Control System: An Overview

3.2.2 Italian DCS Industrial Automation Market by Value

3.2.3 Italian SCADA Industrial Automation Market by Value

3.2.4 Italian PLC Industrial Automation Market by Value

3.2.5 Italian Others Industrial Automation Market by Value

3.3 Italian Industrial Automation Market: Component Analysis

3.3.1 Italian Industrial Automation Market by Component Analysis: An Overview

3.3.2 Italian Sensors Industrial Automation Market by Value

3.3.3 Italian Control Valves Industrial Automation Market by Value

3.3.4 Italian HMI Industrial Automation Market by Value

3.3.5 Italian Industrial Robots Automation Market by Value

- 3.3.6 Italian Others Industrial Automation Market by Value
- 3.4 Italian Industrial Automation Market: Distribution Channel Analysis
 - 3.4.1 Italian Industrial Automation Market by Distribution Channel: An Overview
 - 3.4.2 Italian OEMs Industrial Automation Market by Value
 - 3.4.3 Italian Distributors Industrial Automation Market by Value
 - 3.4.4 Italian System Specialists Industrial Automation Market by Value
 - 3.4.5 Italian Others Industrial Automation Market by Value
- 3.5 Italian Industrial Automation Market: Application Analysis
 - 3.5.1 Italian Industrial Automation Market by Application: An Overview
 - 3.5.2 Italian Mechanics Industrial Automation Market by Value
 - 3.5.3 Italian Packaging Industrial Automation Market by Value
 - 3.5.4 Italian Food Industrial Automation Market by Value
 - 3.5.5 Italian Logistics Industrial Automation Market by Value
 - 3.5.6 Italian Metallurgy Industrial Automation Market by Value
 - 3.5.7 Italian Electronics Industrial Automation Market by Value
 - 3.5.8 Italian Ceramic, Cement and Bricks Industrial Automation Market by Value
 - 3.5.9 Italian Plastic and Rubber Industrial Automation Market by Value
 - 3.5.10 Italian Wood Industrial Automation Market by Value
 - 3.5.11 Italian Others Industrial Automation Market by Value

4. IMPACT OF COVID-19

- 4.1 Impact of COVID-19 on Italian Industrial Automation Market
- 4.2 Post COVID-19 Impact on Italian Industrial Automation Market

5. MARKET DYNAMICS

- 5.1 Growth Drivers
 - 5.1.1 Rising Installation of Industrial Robots
 - 5.1.2 Increasing Labor Cost Index
 - 5.1.3 Growing Gross Domestic Product
 - 5.1.4 Increasing Adoption of Industry 4.0
 - 5.1.5 Advent of 5G Subscription
 - 5.1.6 Favorable Government Incentives
 - 5.1.7 Increasing Demand for Efficiency and Productivity
- 5.2 Challenges
 - 5.2.1 High Initial Capital Investment
 - 5.2.2 Lack of Skilled Labor Force
 - 5.2.3 Data Security Concern

5.3 Market Trends

- 5.3.1 Growing Impact of AI-driven Industrial Robotics
- 5.3.2 Growing Use of Blockchain for Supply Chain Management
- 5.3.3 Growing Industrial Internet of Things
- 5.3.4 Robotics and Collaborative Automation
- 5.3.5 Integration of Digital Twin Technology
- 5.3.6 Integration Of Edge and Cloud Computing
- 5.3.7 Increasing Emphasis on Cybersecurity
- 5.3.8 Human Machine Interface Evolution
- 5.3.9 Increasing Demand for Sustainable and Clean Energy Solutions

6. COMPETITIVE LANDSCAPE

6.1 Italian Industrial Automation Market Players: Product Comparison

7. COMPANY PROFILES

7.1 ABB Group

- 7.1.1 Business Overview
- 7.1.2 Revenues by Business Areas
- 7.1.3 Business Strategy

7.2 Mitsubishi Electric Corporation

- 7.2.1 Business Overview
- 7.2.2 Revenue by Business Segments
- 7.2.3 Business Strategy

7.3 Omron Corporation

- 7.3.1 Business Overview
- 7.3.2 Operating Segments
- 7.3.3 Business Strategy

7.4 Rockwell Automation, Inc.

- 7.4.1 Business Overview
- 7.4.2 Operating Segments
- 7.4.3 Business Strategy

7.5 Schneider Electric SE

- 7.5.1 Business Overview
- 7.5.2 Operating Segments
- 7.5.3 Business Strategy

7.6 Siemens AG

- 7.6.1 Business Overview

- 7.6.2 Operating Segments
- 7.6.3 Business Strategy
- 7.7 Honeywell International Inc.
 - 7.7.1 Business Overview
 - 7.7.2 Operating Segment
 - 7.7.3 Business Strategy
- 7.8 General Electric Company
 - 7.8.1 Business Overview
 - 7.8.2 Operating Segments
 - 7.8.3 Business Strategy
- 7.9 Stellantis N.V. (Comau S.p.A.)
 - 7.9.1 Business Overview
 - 7.9.2 Operating Segments
 - 7.9.3 Business Strategy
- 7.10 Robert Bosch GmbH (Bosch Rexroth AG)
 - 7.10.1 Business Overview
 - 7.10.2 Sales by Business Sector
 - 7.10.3 Business Strategy
- 7.11 Yokogawa Electric Corporation
 - 7.11.1 Business Overview
 - 7.11.2 Operating Segments
 - 7.11.3 Business Strategy
- 7.12 Festo
 - 7.12.1 Business Overview
 - 7.12.2 Business Strategy

List Of Figures

LIST OF FIGURES

Figure 1: Advantages and Disadvantages of Industrial Automation

Figure 2: Industrial Automation Segmentation

Figure 3: Italian Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 4: Italian Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 5: Italian Industrial Automation Market by Control System; 2022 (Percentage, %)

Figure 6: Italian Industrial Automation Market by Component; 2022 (Percentage, %)

Figure 7: Italian Industrial Automation Market by Distribution Channel; 2022
(Percentage, %)

Figure 8: Italian Industrial Automation Market by Application; 2022 (Percentage, %)

Figure 9: Italian DCS Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 10: Italian DCS Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 11: Italian SCADA Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 12: Italian SCADA Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 13: Italian PLC Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 14: Italian PLC Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 15: Italian Others Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 16: Italian Others Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 17: Italian Sensors Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 18: Italian Sensors Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 19: Italian Control Valves Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 20: Italian Control Valves Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 21: Italian HMI Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 22: Italian HMI Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 23: Italian Industrial Robots Automation Market by Value; 2018-2022 (US\$ Million)

Figure 24: Italian Industrial Robots Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 25: Italian Others Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 26: Italian Others Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 27: Italian OEMs Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 28: Italian OEMs Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 29: Italian Distributors Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 30: Italian Distributors Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 31: Italian System Specialists Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 32: Italian System Specialists Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 33: Italian Others Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 34: Italian Others Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 35: Italian Mechanics Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 36: Italian Mechanics Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 37: Italian Packaging Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 38: Italian Packaging Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 39: Italian Food Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 40: Italian Food Industrial Automation Market by Value; 2023-2028 (US\$ Million)

Figure 41: Italian Logistics Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 42: Italian Logistics Industrial Automation Market by Value; 2023-2028 (US\$ Million)

Figure 43: Italian Metallurgy Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 44: Italian Metallurgy Industrial Automation Market by Value; 2023-2028 (US\$ Million)

Figure 45: Italian Electronics Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 46: Italian Electronics Industrial Automation Market by Value; 2023-2028 (US\$

Million)

Figure 47: Italian Ceramic, Cement and Bricks Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 48: Italian Ceramic, Cement and Bricks Industrial Automation Market by Value; 2023-2028 (US\$ Million)

Figure 49: Italian Plastic and Rubber Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 50: Italian Plastic and Rubber Industrial Automation Market by Value; 2023-2028 (US\$ Million)

Figure 51: Italian Wood Industrial Automation Market by Value; 2018-2022 (US\$ Million)

Figure 52: Italian Wood Industrial Automation Market by Value; 2023-2028 (US\$ Million)

Figure 53: Italian Others Industrial Automation Market by Value; 2018-2022 (US\$ Billion)

Figure 54: Italian Others Industrial Automation Market by Value; 2023-2028 (US\$ Billion)

Figure 55: Top 10 Countries Annual Installations of Industrial Robot; 2022 (Thousand Units)

Figure 56: Italy's Labor Cost Index; 2021-2023 (Index)

Figure 57: Italy's Gross Domestic Product; 2018-2023 (US\$ Billion)

Figure 58: Italy's Industry 4.0 Market Size; 2019-2026 (US\$ Billion)

Figure 59: Western Europe 5G Subscription; 2022-2029 (Million)

Figure 60: Italian AI Industrial Robotics Market Size; 2022-2030 (US\$ Million)

Figure 61: The Italian New Blockchain Startups; 2017-2022 (Number of Startups)

Figure 62: The Italian Industrial IoT Market Size; 2023-2028 (US\$ Billion)

Figure 63: ABB Group Revenues by Business Areas; 2022 (Percentage, %)

Figure 64: Mitsubishi Electric Corporation Revenue by Business Segment; 2023 (Percentage, %)

Figure 65: Omron Corporation Net Sales by Segment; 2023 (Percentage, %)

Figure 66: Rockwell Automation, Inc. Sales by Segment; 2023 (Percentage, %)

Figure 67: Schneider Electric SE Revenue by Segment; 2022 (Percentage, %)

Figure 68: Siemens AG Revenue by Segments; 2022 (Percentage, %)

Figure 69: Honeywell International Inc. Net Sales by Segment; 2022 (Percentage, %)

Figure 70: General Electric Company Revenue by Segments; 2022 (Percentage, %)

Figure 71: Stellantis N.V. Net Revenue by Segment; 2022 (Percentage, %)

Figure 72: Robert Bosch Sales by Business Sector; 2022 (Percentage, %)

Figure 73: Yokogawa Electric Corporation Net Sales by Segment; 2022 (Percentage, %)

Table 1: Italian Industrial Automation Market Players: Product Comparison

I would like to order

Product name: Italian Industrial Automation Market: Analysis By Control System (DCS, SCADA, PLC, and Others), By Component (Sensors, Control Valves, HMI, Industrial Robots, and Others), By Distribution Channel (OEMs, Distributors, System Specialists, and Others), By Application (Mechanics, Packaging, Food, Logistics, Metallurgy, Electronics, Ceramic, Cement & Bricks, Plastic & Rubber, Wood, and Others) Size and Trends with Impact of COVID-19 and Forecast up to 2028

Product link: <https://marketpublishers.com/r/I54934669F4CEN.html>

Price: US\$ 2,250.00 (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/I54934669F4CEN.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