

Italy Factory Automation And ICS - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Italy Factory Automation And ICS Market size is estimated at USD 3.65 billion in 2025, and is expected to reach USD 5.21 billion by 2030, at a CAGR of 7.31% during the forecast period (2025-2030).

Key Highlights

- Italy has small and medium-sized businesses (SMEs), most of which are grouped in clusters. These enterprises specialize in high-quality products and lower labor costs, which enable them to withstand competition from upcoming economies. The northern part of the country is mainly industrialized, with a network of private companies. Due to the presence of many SMEs, the country has been actively starting initiatives to encourage the adoption of automation solutions among these companies, which are anticipated to drive the demand for factory automation solutions in the country.
- The Northwest region (Milan-Turin-Genoa) is home to large industries as aerospace, naval, machinery, and automotive. The Central and Northeast parts of Italy (which were previously rural areas) have become a region with many small businesses of high craftsmanship, coupled with low technology, specialized in textiles, clothing, footwear, furniture, leather products, jewelry, and furniture, among others.
- Furthermore, the country has been witnessing new initiatives that are mainly focused on encouraging the adoption of Industry 4.0. For instance, investments made in the fiscal years 2022 to 2025 are now eligible for the tax credit for qualified investments in new assets for the technological transformation of businesses under the "Industry 4.0" programme. The regime would have terminated after December 31, 2022, without this prolongation.
- Moreover, recent controller vulnerabilities that attackers have exploited to disrupt operations are on the rise. This challenges the implementation of ICS, as to secure ICS networks, there is usage of different communication protocols. Also, operational technology vendors use their own proprietary implementation of the IEC-61131 standard for programmable logic controllers.
- Post pandemic has triggered the manufacturing sector in Italy to re-evaluate its conventional production processes,

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fundamentally driving digital transformation and factory automation practices across the production lines. The manufacturers are also collectively driven to devise and deploy multiple new and agile approaches to monitor product and quality control.?

Italy Factory Automation And ICS Market Trends

Automation is Observing a Significant Increase

- Italy is not commonly known to be at the forefront of the manufacturing sector. However, the government of Italy introduced Industria 4.0 (I4.0) in 2020 and aimed to include strategic guidelines to be implemented in a year. The initiative is focused on transforming traditional manufacturing methods with a focus on skills and advanced technology and supporting the digitization of the Italian economy. It also emphasizes a future based on collaboration with other countries-this driving factory automation in the country.
- In another instance, Comau, industrial automation, and robotics company supports the Milan Competence Center by providing its most innovative products, like the MATE exoskeleton, traditional industrial robots and collaborative robots, the autonomous driving vehicle Agile1500, and thee.DO educational robot. By doing so, Comau aims to support companies in acquiring production processes and tools, enabling the smart factory in an increasingly incisive manner.
- Italy is also witnessing a robust increase in automotive manufacture and sales. In the past few years, many automakers have automated their plants, and many companies have been identified as tending toward one-stop automation solution providers who can cater to all of their automation needs to gain better returns and efficiency, driving the smart factory market.
- Moreover, the inculcation of industrial control systems in auto manufacturing plants allows companies to keep real-time track of productivity & quality through the data generated through plant connectivity. It may offer mitigating actions to the line supervisors and plant executives. Data analytics can provide a gateway for predicting various outcomes, from the quality of the part being produced to the next machine breakdown.
- Furthermore, with the Italian market posing high potential opportunities for adopting automation in the textile industries, various international players see expanding in the country. Jack Sewing Machine Co., a leading Chinese sewing technology provider, acquired Italian jeans automation company ViBeMac SPA in yet another accomplishment.

Robotics is Propelling the Market With Gradual Growth

- The industrial robotics segment consists of articulated robots, cartesian robots, SCARA robots, collaborative industry robots (cobots), parallel robots, piece picking robots, etc. The adoption of industrial robots has been increasing in most end-users and applications as these robots enhance accuracy, flexibility, reduced product damage, speed, and ultimately the efficiency of operations. Further, Industry 4.0, a scheme introduced by the Italian government to encourage the growth and development of companies, especially through support for research and development and increased innovation in production processes, would also aid in the augmented penetration of industrial robots.
- The rapidly growing market for smart production and automation is propelling the use of industrial robotics across the globe. According to a survey by Yokogawa Electric Corporation, 64% of respondents from companies in process industries pointed out that they anticipate fully autonomous operations by 2030.
- Also, 89% of the respondents said their companies currently plan to increase their level of autonomy in their operations. Regarding the current status, 68% of respondents said they are conducting or are piloting semi-autonomous or autonomous operations, while 71% expect significant automation of most decision-making processes in plant operations by 2025.
- The adoption of industrial robotics is rising, enhancing operational efficiency across various sectors such as automotive, oil and gas, and textiles. Major players in the market include Honeywell, Siemens, and ABB, who are focusing on innovations and strategic

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partnerships to expand their offerings in automation and robotics.

- Further, there are a lot of innovation practices done in industrial robotics by start-ups as well as established vendors. The focus is on improving the robotic senses of industrial robots, which helps their interaction with the world around them. Overall, there is a robust growth trajectory for factory automation and industrial controls in Italy, particularly with the integration of robotics and smart technologies.

Italy Factory Automation And ICS Industry Overview

The Italy factory automation and industrial control market is highly competitive, with several major players. The companies continuously invest in strategic partnerships and product developments to gain market share. Key players in the market are Honeywell International Inc., Schneider Electric SE, Siemens AG, and others.

The future of factory automation in Italy will likely see increased focus on sustainability and eco-friendly practices, greater integration of AI and machine learning into operational processes, and expansion of smart factories that utilize advanced robotics and data analytics for enhanced production capabilities.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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