

Global Industry 5.0 Market Size study, by End-Use Vertical (Manufacturing, Healthcare, Telecommunication, Automotive, Semiconductor, Others) By Technology (Robotics, Internet of Things (IoT), Automation, Augmented Reality and Virtual Reality, Cloud Computing, Big Data, Others) and Regional Forecasts 2022-2032

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Abstracts

Global Industry 5.0 Market is valued approximately USD 60.21 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 31.20% over the forecast period 2024-2032. Industry 5.0 is a framework that emphasizes the integration of human-centric principles into advanced manufacturing processes. It represents the next stage of industrial evolution beyond Industry 4.0, which is characterized by automation, data exchange, and smart technologies. Furthermore, rising focus on digital twin technology are gaining attention towards Global Industry 5.0 Market. Digital twin technology allows companies to create virtual replicas of physical assets, processes, or systems. These digital twins can simulate real-world scenarios, enabling companies to analyze performance, optimize processes, and predict outcomes with greater accuracy

Global Industry 5.0 Market is driven by rising demand for personalization and increasing focus on additive manufacturing across the world. Industry 5.0 emphasizes on the integration of human expertise and creativity into advanced manufacturing processes. This allows companies to offer highly customized products and services that meet the unique preferences, needs, and requirements of individual customers. In addition, Additive manufacturing offers unparalleled flexibility and customization compared to traditional manufacturing methods. It allows companies to produce complex geometries and customized products without the need for expensive tooling or equipment changes.

However, high cost of Industry 5.0 technologies and lack of standardization is going to impede the overall demand for the market during the forecast period 2024-2032.

The key regions considered for the Global Industry 5.0 market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the largest regional market in terms of revenue owing to factors such as rising industrial automation across the region. Industry 5.0 leverages smart manufacturing technologies to create agile, adaptive, and responsive manufacturing systems that can quickly adapt to changing market conditions and customer demands. Furthermore, the market in Asia Pacific, on the other hand, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Fanuc Corporation
Cisco Systems, Inc.
Yaskawa Electric Corp.
Universal Robots A/S
Kuka AG
Siemens AG
Nexus Integra
ABB Ltd
Rockwell Automation, Inc.
Schneider Electric SE

The detailed segments and sub-segment of the market are explained below:

By End-Use Vertical

Manufacturing
Healthcare
Telecommunication
Automotive
Semiconductor
Others

By Technology

Robotics
Internet of Things (IoT)
Automation
Augmented Reality and Virtual Reality

Cloud Computing
Big Data
Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major

regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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