

Global Paint Process Automation Market Size study & Forecast, by Offering (Hardware, Software, and Services), Purpose (Interior, and Exterior), and Vertical (Automotive, Aviation, Agriculture, Textile, Furniture, Pharmaceutical, Electronics, Construction, and Others), and Type (Floor-Mounted Systems, Wall-Mounted Systems, Rail-Mounted Systems, and Others), and Regional Analysis, 2023-2030

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Abstracts

Global Paint Process Automation Market is valued approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Paint process automation involves the precise application of paint and coatings to equipment, products, and components using automated assembly lines and robotic systems. Despite the best efforts of skilled workers, industrial painting often faces challenges with consistency and error reduction, prompting significant advancements through automation. Robotic painting systems provide reliability essential for painting and coating businesses, addressing common challenges effectively and enhancing overall quality and efficiency in the process. The market growth is driven by key factors such as integration of advanced technologies with painting robots and surge in demand for paint process automation industry.

As Industry 4.0 continues to unfold, the integration of paint process automation is gaining momentum within factory automation. Achieving consistent painting or coating quality and facilitating high-volume production through automation are vital for mass manufacturing in global manufacturing facilities. As a result, the adoption of paint process automation has witnessed a notable surge in popularity in recent years. As per

Statista, in 2023, the worldwide paint and coatings industry reached an estimated value of around USD 179.98 billion USD. Projections indicate that by 2032, the sector's market worth will exceed USD 255.59 billion USD. This growth trajectory is primarily propelled by escalating demand within the construction sector, supplemented by robust growth in markets such as automotive, general industrial, coil, wood, aerospace, railing, and packaging coatings. Also, the Asia-Pacific region stands as the dominant force in the global paint and coatings industry, commanding a formidable 45 percent market share in 2022. This dominance is poised to strengthen further, propelled by sustained population growth and rapid urbanization in key economies like China and India. However, high installation cost stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Paint Process Automation Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. The Asia-Pacific region is leading the global market share of paint process automation and is projected to exhibit a robust CAGR throughout the forecast period. This dominance is closely tied to the proliferation of mass-production automotive facilities, which significantly drive growth in the painting process automation market across the region. Additionally, Europe is expected to grow at a significant CAGR during the forecast period. The presence of major automotive manufacturers in Europe, coupled with efforts to diversify production away from heavy reliance on China, has spurred increased investment in rapid automation across the continent.

Major market player included in this report are:

FANUC AMERICA CORPORATION

ABB

CMA Robotics

DURR AG

Epistolio robot

Graco Inc.

KAWASAKI HEAVY INDUSTRIES LTD

KUKA Aktiengesellschaft

Staubli International AG

YASKAWA ELECTRIC PTE LTD.

Recent Developments in the Market:

In April 2022, ABB India unveiled a new production facility aimed at enhancing the production capacity of digital technologies and expanding exports, with plans to export 20% of its production overseas.

Also in April 2022, Yaskawa Electric PTE Ltd launched innovative industrial robot technology capable of transporting objects based on their color and shape to precisely designated locations.

In January 2022, FANUC America Corporation introduced the groundbreaking M-1000iA robot, engineered to handle heavy-duty products such as automotive components, construction.

Global Paint Process Automation Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Offering, Purpose, Vertical, Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional &

segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Offering:

Hardware

Software

Service

By Purpose:

Interior

Exterior

By Vertical:

Automation

Aviation

Agriculture

Furniture

Textile

Pharmaceutical

Electronics

Construction

By Type:

Floor-mounted Systems

Wall-mounted Systems

Rail-mounted Systems

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

Rest of Middle East & Africa

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