

Global Automotive Robotic Painting Market Size study, by Product Type (Cartesian, Cylindrical, Articulated, SCARA, Others), By Components (Robotic Arm, Sensors, Controller, End Effector, Drive, Others), by Material (Titanium, Carbon fiber, Steel and Iron, Alloy Metal, Others), by End-User (OEM, Aftermarket) and Regional Forecasts 2022-2028

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Abstracts

Global Automotive Robotic Painting market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. The automobile robotic painting machine is used to apply paint or coatings to the body of the vehicles. Automotive robotic painting machines can operate in tough environments where workers are harmed by the environment, can apply paint without leaving errors, drips, or overspray, and can release various forms of toxic gases from paint that can harm human health. Increasing demand for vehicles and increase in industrial plans such as industry 4.0 are the key drivers in the automotive robotic painting market. For instance, as per Statista, investments in Industry 4.0 technologies were expected to increase in the years following the launch of the plan, as the Italian government encouraged the digital transformation of the industrial sector through a variety of tax incentives. The market for Industry 4.0 is estimated to reach USD 3.53 billion in 2021. Furthermore, the packaging industry is expecting to invest about USD 15 billion per annum into digital operations solutions until 2020. Moreover, growing sales of passenger cars and light commercial vehicles create lucrative opportunities in the forecast years. For instance, as per the UN Environment Programme, The worldwide light-duty vehicle fleet, which includes passenger cars and light commercial vehicles (such as pick-up trucks and delivery vans), is rapidly growing, with more than 2.5 billion vehicles expected by 2050. The majority of this expansion will

occur in emerging markets such as Europe. However, high initial investment impedes the growth of the market over the forecast period of 2022-2028.

The geographical regions considered for the global Automotive Robotic Painting market analysis include Asia Pacific, North America, Europe, Latin America and Rest of the World. APAC is leading the automotive robotic painting market and is estimated to be the fastest growing market owing to increase in the adoption of automatic technology in painting and coating. Also, China and India are projected to grow in upcoming years owing to the increasing demand for vehicle modification.

Major market players included in this report are:

Kawasaki (Chongqing) Robotic Engineering Co., Ltd.

ABB Flexible Automation GmbH

FANUC America Corporation

NewGenic VacuuTek Pvt. Ltd. (NGVT)

KUKA Aktiengesellschaft

DENSO Robotic

St?ubli International AG

Acieta LLC

D?rr India

Epson America, Inc.

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Product Type:

Cartesian

Cylindrical

Articulated

SCARA

Others

By Components:

Robotic Arm

Sensors

Controller

End Effector

Drive

Others

By Material:

Titanium

Carbon fiber

Steel and Iron

Alloy Metal

Others

By End-User:

OEM

Aftermarket

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

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Automotive Robotic Painting Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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