

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Industrial Robots in Automotive Market 2018, Forecast to 2023

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Abstracts

There are six main types of industrial robots: cartesian, SCARA, cylindrical, parallel, articulated and collaborative robot. However, there are several additional types of robot configurations. Each of these types offers a different joint configuration.

Scope of the Report:

This report focuses on the Industrial Robots in Automotive in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The following 6 robotic applications are the most common in the automotive industry. Collaborative Robots: these collaborative robots are built to work together with other robots, on enormous assembly lines. Robots must collaborate between handling and welding robots to make such assembly lines function properly. Robotic Painting: Professional painters are difficult to find and the job is a highly toxic one. This makes it perfect for robots because the paint job needs to be highly consistent over a large area of paint, and reducing the amount of wasted material can add up to quite a bit of savings over time. Robotic Welding: Robotic welding has been the top robotic application in the automotive sector for a long time, as every car needs a high number of welds before it's complete. Given the high value of the finished product, productivity from automation is enormous. Robotic Assembly: In many automotive plants, robots are assembling smaller components like pumps and motors at high speeds. Often, robots are performing tasks like windshield installation and wheel mounting to increase throughput. Material Removal: High consistency and repeatability make robots perfect for material removal processes like trimming and cutting. This could be in the form of cutting fabrics, trimming plastic moldings and die castings or even polishing molds. Part

Transfer and Machine Tending: Pouring molten metal, transferring metal stamps, and loading and unloading CNC machines are all best completed by a robot as they are dangerous. When completed consistently with little downtime they can also be a source of major productivity.

The worldwide market for Industrial Robots in Automotive is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ABB

Fanuc

KUKA

Yaskawa Electric

Adept Technology

Apex Automation and Robotics

Aurotek

Daihen

Finsar

Kawasaki Robotics

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Articulated robot

Cartesian robot

SCARA robot

Cylindrical robot

Parallel Robots

Collaborative Robots

Market Segment by Applications, can be divided into

Material handling

Welding and soldering

Dispensing

Assembling and disassembling

Painting

There are 15 Chapters to deeply display the global Industrial Robots in Automotive market.

Chapter 1, to describe Industrial Robots in Automotive Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Industrial Robots in Autom...

Chapter 2, to analyze the top manufacturers of Industrial Robots in Automotive, with sales, revenue, and price of Industrial Robots in Automotive, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Industrial Robots in Automotive, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Industrial Robots in Automotive market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Industrial Robots in Automotive sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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