Description:

Global Automotive Robotics Market Information by Product Type (SCARA Robot, Articulated Robot, and Cartesian Robot), by Type (Hardware, Software, and Service), by Application (Gripping, Stamping, Welding, Painting, Assembly, and Others), and by Region - Forecast to 2022

Market Scenario

Automotive robotics system is used to assist the manufacturing process in the automotive industries such as assembling, welding, cutting, dispensing, painting and others. The usage of the automotive robotics in the manufacturing process helps reducing the operational cost as it helps improve quality & operational flexibility, decrease production & manufacturing errors, and also reduce wastage of the raw material. Moreover, Increased concerns for labor safety, the adoption of automation to ensure quality production, and to meet market demand on time are the main drivers which is expected to contribute in the growth of the automotive robotics market. The global automotive robotics market is expected to show a growth at CAGR of about 10% from 2016 to 2022.

Study Objectives of Global Automotive Robotics Market

- To provide detailed analysis of the market structure along with forecast for the next five years of various segments and sub-segments of the global Automotive Robotics market
- To provide insights about factors affecting the market growth
- To analyze the global Automotive Robotics market based on various factors such as supply chain analysis, and Porter’s five forces analysis
- To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries - North America, Europe, Asia-Pacific, and ROW.
- To provide country level analysis of the market with respect to the current market size and future prospective
- To provide country level analysis of the market for segment by product type, type, application, and region
- To provide strategic profiling of the key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market
To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the global Automotive Robotics market.

Market Segmentation

Regional Analysis of Global Automotive Robotics Market

In North America, automotive robotics market would grow rapidly due to the demand & adoption of robotics technology and in Europe the market is showing substantial hike due to presence of large number of automotive industry. However, Asia Pacific is expected to witness considerable growth due to rapid industrialization and rising automotive industries.

Automotive Robotics Market, by Region (USD Million)

Key Players

The key players of Global Automotive Robotics Market report include: ABB Group, Comau SpA, Denso Wave Incorporated, Dürr AG, Fanuc Corporation, Harmonic Drive System, KUKA AG, Kawasaki Heavy Industries (Kawasaki Robotics), Nabtesco Motion Control, Inc., and Nachi-Fujikoshi Corp.

Target Audience
Manufacturers of Automotive Robotics  
Traders, distributors, and automotive Robotics suppliers  
Government and research organization  
Investment bankers and M&A Consultants

Geographic Analysis

- Geographical analysis across 17 countries

Company Information

- Profiling of 10 key market players
- SWOT analysis, and strategy information of top five players in the market
- Competitive landscape including emerging trends adopted by major companies

The report covers brief analysis of country level market information – North America

- U.S.
- Canada
- Rest of North America

Europe

- U.K.
- Germany
- France
- Sweden
- Italy
- Rest of Europe

Asia-Pacific

- China
- India
- Japan
- Rest of Asia-Pacific

ROW

- Brazil
- Saudi Arabia
The report for Global Automotive Robotics Market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.

Contents:

1. REPORT PROLOGUE

2. INTRODUCTION
   2.1. DEFINITION
   2.2. SCOPE OF THE STUDY
       2.2.1. RESEARCH OBJECTIVE
       2.2.2. ASSUMPTIONS
       2.2.3. LIMITATIONS
   2.3. MARKET STRUCTURE
   2.4. MARKET SEGMENTATION

3. RESEARCH METHODOLOGY
   3.1. RESEARCH PROCESS
   3.2. PRIMARY RESEARCH
   3.3. SECONDARY RESEARCH
   3.4. MARKET SIZE ESTIMATION
   3.5. FORECAST MODEL

4. MARKET DYNAMICS
   4.1. DRIVERS & OPPORTUNITIES
   4.2. CHALLENGES & RESTRAINTS
   4.3. VALUE CHAIN ANALYSIS
   4.4. PORTER’S FIVE FORCES ANALYSIS

5. AUTOMOTIVE ROBOTICS MARKET, BY PRODUCT TYPE
   5.1. INTRODUCTION
   5.2. SCARA ROBOT
   5.3. ARTICULATED ROBOT
   5.4. CARTESIAN ROBOT

6. AUTOMOTIVE ROBOTICS MARKET, BY TYPE
   6.1. INTRODUCTION
   6.2. HARDWARE
   6.3. SOFTWARE
   6.4. SERVICE

7. AUTOMOTIVE ROBOTICS MARKET, BY APPLICATION
   7.1. INTRODUCTION
   7.2. GRIPPING
7.3. STAMPING
7.4. WELDING
7.5. PAINTING
7.6. ASSEMBLY
7.7. OTHERS

8. AUTOMOTIVE ROBOTICS MARKET, BY REGION

8.1. INTRODUCTION
8.2. NORTH AMERICA
  8.2.1. U.S.
  8.2.2. CANADA
  8.2.3. MEXICO
  8.2.4. REST OF NORTH AMERICA
8.3. EUROPE
  8.3.1. U.K.
  8.3.2. GERMANY
  8.3.3. FRANCE
  8.3.4. SPAIN
  8.3.5. REST OF EUROPE
8.4. ASIA–PACIFIC
  8.4.1. CHINA
  8.4.2. INDIA
  8.4.3. JAPAN
  8.4.4. SOUTH KOREA
  8.4.5. REST OF ASIA-PACIFIC
8.5. ROW
  8.5.1. BRAZIL
  8.5.2. RUSSIA
  8.5.3. OTHERS

9. COMPANY LANDSCAPE

9.1. INTRODUCTION
9.2. COMPETITIVE STRATEGY ANALYSIS

10. COMPANY PROFILE

10.1. ABB Group
  10.1.1. COMPANY OVERVIEW
  10.1.2. INDUSTRY /BUSINESS SEGMENT OVERVIEW
  10.1.3. FINANCIAL UPDATES
  10.1.4. KEY DEVELOPMENTS
10.2. Comau SpA
  10.2.1. COMPANY OVERVIEW
  10.2.2. INDUSTRY /BUSINESS SEGMENT OVERVIEW
LIST OF TABLES

Table 1 Global Automotive Robotics Market: By Product Type, 2014-2022 (USD Billion)
Table 2 SCARA Robot: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 3 Articulated Robot: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 4 Cartesian: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 5 Global Automotive Robotics Market: By Type, 2014-2022 (USD Billion)
Table 6 Hardware: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 7 Software: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 8 Service: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 9 Global Automotive Robotics Market: By Application, 2014-2022 (USD Billion)
Table 10 Gripping: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 11 Stamping: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 12 Welding: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 13 Painting: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 14 Assembly: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 15 Others: Automotive Robotics Market, By Region, 2014-2022 (USD Billion)
Table 16 Global Automotive Robotics Market: By Region, 2014-2022 (USD Billion)
Table 17 North America: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 18 North America: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 19 North America: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 20 North America: Automotive Robotics Market, By Country, 2014-2022 (USD Billion)
Table 21 U.S.: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 22 U.S.: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 23 U.S.: Automotive Robotics Market, By User, 2014-2022 (USD Billion)
Table 24 Canada: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 25 Canada: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 26 Canada: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 27 Rest of North America: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 28 Rest of North America: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 29 Rest of North America: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 30 Europe: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 31 Europe: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 32 Europe: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 33 Europe: Automotive Robotics Market, By Country, 2014-2022 (USD Billion)
Table 34 U.K.: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 35 U.K.: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 36 U.K.: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 37 Germany: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 38 Germany: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 39 Germany: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 40 France: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 41 France: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 42 France: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 43 Sweden: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 44 Sweden: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 45 Sweden: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 46 Italy: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 47 Italy: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 48 Italy: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 49 Rest of Europe: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 50 Rest of Europe: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 51 Rest of Europe: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 52 Asia-Pacific: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 53 Asia-Pacific: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 54 Asia-Pacific: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 55 China: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 56 China: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 57 China: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 58 India: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 59 India: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 60 India: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 61 Japan: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 62 Japan: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 63 Japan: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 64 Japan: Automotive Robotics Market, By Country, 2014-2022 (USD Billion)
Table 65 Rest of Asia-Pacific: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 66 Rest of Asia-Pacific: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 67 Rest of Asia-Pacific: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 68 ROW: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 69 ROW: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 70 ROW: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 71 ROW: Automotive Robotics Market, By Country, 2014-2022 (USD Billion)
Table 72 Brazil: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 73 Brazil: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 74 Brazil: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 75 Argentina: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 76 Argentina: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 77 Argentina: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 78 Others: Automotive Robotics Market, By Product Type, 2014-2022 (USD Billion)
Table 79 Others: Automotive Robotics Market, By Type, 2014-2022 (USD Billion)
Table 80 Others: Automotive Robotics Market, By Application, 2014-2022 (USD Billion)
Table 81 Automotive Robotics, by Region, 2014-2016 (Units)