Programmable Robots Market by Component (Hardware and Software), Application, and Geography - Global Forecast to 2020

Description:

"Programmable Robots Market by Component (Hardware and Software), Application (Education & Research and Hobbyist and Entertainment), and Geography (North America, Europe, Asia-Pacific and RoW) - Global Forecast to 2020"

Programmable robot is an automatic device that performs functions normally ascribed though programs or remote control. These can range from remote-controlled to PC-controlled robots and also from simple wheeled robots to complex robots such as humanoids. These robots help in understanding and conceptualizing the theories involved in designing and operating a robot and also help to program the robot using simple virtual programming languages such C, C++, Java, and others, helping consumers to have a structured thinking towards problem solving. The major consumers of these robots are students, hobbyists and researchers.

Key Take-Aways:

- Analysis of the programmable robots market which has been segmented based on component, application, and geography.

- The analysis of the market dynamics, based on factors such as key drivers, restraints, opportunities, and challenges that influence the growth of the market, along with the value chain analysis of the programmable robots market.

- Detailed competitive landscape of the key players with an in-depth market share analysis, along with their growth strategies.

- The Porter's five forces framework has been applied for the analysis of the programmable robots market. Illustrative analysis, segmentation, and forecast of the market in the major geographies has been done to provide an overall view of the programmable robots market.

- Detailed profiles of the key companies present in the programmable robots market, along with their growth strategies.

The global market for programmable robots is expected to grow at a CAGR of 14.94% between 2015 and 2020. North America is expected to continue to lead the market and is the hub for several programmable robots vendors. The programmable robots market in Asia-Pacific and RoW regions has been gaining traction and is expected to witness the highest rate of growth during the forecast period. The increasing demand for programmable robots from educational institutions is expected to drive this growth.

This programmable robots market report includes the detailed analysis of market dynamics, Porter's five forces model, value chain, competitive landscape, and market scenario during the forecast period. The report profiles the key players in the programmable robots market with their respective market share analysis. The prominent players profiled in this report are The Lego Group (Denmark), Honda Motor Co., Ltd. (Japan), Aldebaran Robotics SAS (France), Innovation First International, Inc. (U.S.), WowWee Group Limited (Hong Kong), RobotShop, Inc. (Canada), Orbotix, Inc. (U.S.), Bossa Nova Robotics, Inc. (U.S.), RoboBuilder Co., Ltd. (South Korea), Romotive, Inc. (U.S.), Yujin Robot Co., Ltd. (South Korea), and others.

Contents:

1 Introduction
   1.1 Objectives of the Study
1.2 Market Definition
1.3 Study Scope
   1.3.1 Market Covered
   1.3.2 Geographic Scope
1.3.3 Years Considered For the Study
1.4 Currency
1.5 Stakeholders

2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.2 Market Size Estimation
2.2.1 Bottom-Up Approach
2.2.2 Top-Down Approach
2.3 Market Breakdown and Data Triangulation
2.4 Research Assumptions and Limitations
2.4.1 Assumptions
2.4.2 Limitations

3 Executive Summary

4 Premium Insights
4.1 Opportunities in the Global Programmable Robots Market
4.2 Global Programmable Robots Market, By Application
4.3 Global Programmable Robots Market, By Geography and By Type
4.4 Global Programmable Robots Market, By Geography
4.5 Global Programmable Robots Market, By Type (2014, 2015, and 2020)
4.6 Global Programmable Robots Market, By Component

5 Market Overview
5.1 Introduction
5.2 Evolution
5.3 Market Segmentation
5.3.1 By Component
5.3.2 By Application
5.3.3 By Geography
5.4 Market Dynamics
5.4.1 Drivers
5.4.1.1 Increasing Adoption of Robots in the Education and Research Sector Stimulates the Growth of Educational Robots
5.4.1.2 Potential Open-Source Platforms Would Fuel Innovation
5.4.2 Restraints
5.4.2.1 High Initial Cost of Robotic Kits Associated With the Lack of Awareness in Developing Economies
5.4.3 Opportunities
5.4.3.1 Tremendous Research Activities in Programmable Robots
5.4.4 Challenges
5.4.4.1 Improving the Durability and Robustness of Programmable Robots

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter'S Five Forces Model
6.3.1 Degree of Rivalry
6.3.2 Bargaining Power of Suppliers
6.3.3 Bargaining Power of Buyers
6.3.4 Threat of New Entrants
6.3.5 Threat of Substitutes
6.4 Industry Life Cycle

7 Programmable Robots Market, By Component
7.1 Introduction
7.2 Software
7.3 Hardware
7.3.1 Sensors
7.3.2 Actuators
7.3.3 Power Sources
7.3.4 Personal Computer (PC) Interface Kits
7.3.5 Programmable Platforms
7.3.6 Others

8 Global Programmable Robots Market, By Application
8.1 Introduction
8.2 Education & Research and Hobbyist Programmable Robots
8.3 Entertainment
8.3.1 Smart Toys
8.3.2 Robotic Pets

9 Global Programmable Robots Market, By Geography
9.1 Introduction
9.2 North America
9.2.1 U.S.
9.2.2 Canada
9.2.3 Mexico
9.3 Europe
9.3.1 U.K.
9.3.2 Germany
9.3.3 France
9.4 Asia-Pacific
9.4.1 China
9.4.2 Japan
9.4.3 India
9.4.4 South Korea
9.5 Rest of the World (ROW)
9.5.1 the Middle East & Africa
9.5.2 South America

10 Competitive Landscape
10.1 Overview
10.2 Programmable Robots Market Share Analysis
10.3 Competitive Situation and Trends
10.3.1 New Product Launches
10.3.2 Agreements, Collaborations, Contracts, and Partnerships
10.3.3 Expansions
10.3.4 Mergers and Acquisitions

11 Company Profiles
(Business Overview, Products & Services, Key Insights, Recent Developments, Swot Analysis, MNM View)*
11.1 Honda Motor Co., Ltd. (Japan)
11.2 the Lego Group (Denmark)
11.3 Aldebaran Robotics Sas (France)
11.4 Innovation First International, Inc. (U.S.)
11.5 Wowwee Group Limited (Hong Kong)
11.6 Orbotix, Inc. (U.S.)
11.7 Evollve, Inc. (U.S.)
11.8 Bossa Nova Robotics, Inc. (U.S.)
11.9 Robobuilder Co., Ltd. (South Korea)
11.10 Robotshop, Inc. (Canada)
11.11 Romotive, Inc. (U.S.)
11.12 Yujin Robot Co., Ltd. (South Korea)
*Details On Business Overview, Products & Services, Key Insights, Recent Developments, Swot Analysis, MNM View Might not be Captured in Case of Unlisted Companies.

12 Appendix
12.1 Insights of Industry Experts
12.2 Discussion Guide
12.3 Introducing RT: Real-Time Market Intelligence
12.4 Available Customizations
12.5 Related Reports
List Of Tables:
Table 1 Global Programmable Robots Market, By Component, 2014-2020 (USD Million)
Table 2 Impact Analysis Of Drivers
Table 3 Impact Analysis Of Restraints
Table 4 Impact Analysis Of Opportunities
Table 5 Impact Analysis Of Challenges
Table 6 Global Programmable Robots Market, By Component, 2014-2020 (USD Million)
Table 7 Global Programmable Robots Market, By Hardware Component, 2014-2020 (USD Million)
Table 8 the Global Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 9 the Global Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 10 Programmable Robots Market For Education & Research And Hobbyist, By Target Group, 2014-2020 (USD Million)
Table 11 Programmable Robots Market For Education & Research And Hobbyist, By Target Group, 2014-2020 (Thousand Units)
Table 12 Global Programmable Robots Market, By Entertainment Application, 2014-2020 (USD Million)
Table 13 Global Programmable Robots Market, By Entertainment Application, 2014-2020 (Thousand Units)
Table 14 Global Programmable Robots Market For the Education & Research And Hobbyist Application, By Region, 2014-2020 (USD Million)
Table 15 Global Programmable Robots Market For the Education & Research And Hobbyist Application, By Region, 2014-2020 (Thousand Units)
Table 16 Global Programmable Robots Market For the Entertainment Application, By Region, 2014-2020 (USD Million)
Table 17 Global Programmable Robots Market For the Entertainment Application, By Region, 2014-2020 (Thousand Units)
Table 18 Global Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 19 Global Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 20 Global Programmable Robots Market, By Region, 2014-2020 (USD Million)
Table 21 Global Programmable Robots Market, By Region, 2014-2020 (Thousand Units)
Table 22 North America: Programmable Robots Market, By Country, 2014-2020 (USD Million)
Table 23 North America: Programmable Robots Market, By Country, 2014-2020 (Thousand Units)
Table 24 North America: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 25 North America: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 26 North America: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 27 North America: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 28 U.S.: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 29 U.S.: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 30 U.S.: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 31 U.S.: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 32 Europe: Programmable Robots Market, By Country, 2014-2020 (USD Million)
Table 33 Europe: Programmable Robots Market, By Country, 2014-2020 (Thousand Units)
Table 34 Europe: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 35 Europe: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 36 Europe: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 37 Europe: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 38 U.K.: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 39 U.K.: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 40 U.K.: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 41 U.K.: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 42 Asia-Pacific: Programmable Robots Market, By Geography, 2014-2020 (USD Million)
Table 43 Asia-Pacific: Programmable Robots Market, By Geography, 2014-2020 (Thousand Units)
Table 44 Asia-Pacific: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 45 Asia-Pacific: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 46 Asia-Pacific: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 47 Asia-Pacific: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 48 China: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 49 China: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 50 China: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 51 China: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 52 Japan: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 53 Japan: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 54 Japan: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 55 Japan: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 56 Row: Programmable Robots Market, By Region, 2014-2020 (USD Million)
Table 57 Row: Programmable Robots Market, By Region, 2014-2020 (Thousand Units)
Table 58 Row: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 59 Row: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 60 Row: Programmable Robots Market, By Type, 2014-2020 (USD Million)
Table 61 Row: Programmable Robots Market, By Type, 2014-2020 (Thousand Units)
Table 62 Middle East & Africa: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 63 Middle East & Africa: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 64 South America: Programmable Robots Market, By Application, 2014-2020 (USD Million)
Table 65 South America: Programmable Robots Market, By Application, 2014-2020 (Thousand Units)
Table 66 New Product Launches, 2012-2015
Table 67 Agreements, Collaborations, Contracts, And Partnerships, 2013-2014
Table 68 Expansions, 2014-2015
Table 69 Mergers And Acquisitions, 2012-2014

List of Figures:
Figure 1 Markets Covered
Figure 2 Global Programmable Robots Market, By Geography
Figure 3 Research Design
Figure 4 Breakdown of Primaries
Figure 5 Market Size Estimation Methodology: Bottom-Up Approach
Figure 6 Market Size Estimation Methodology: Top-Down Approach
Figure 7 Market Breakdown and Data Triangulation
Figure 8 Assumptions of the Research Study
Figure 9 Limitations of the Research Study
Figure 10 Global Programmable Robots Market Snapshot (2014 Vs. 2020): the Education & Research and Hobbyist Sector to Witness the Highest Growth During the Forecast Period
Figure 11 Global Programmable Robots Market For the Education & Research and Hobbyist Application Is Expected to Grow At the Highest Rate During the Forecast Period
Figure 12 Global Programmable Robots Market Snapshot (2014 Vs. 2020): Educational Kits to Witness the Highest Growth During the Forecast Period
Figure 13 Global Programmable Robots Market, By Geography, 2014
Figure 14 Attractive Market Opportunities For the Programmable Robots Market
Figure 15 Education & Research and Hobbyist Segment Is Expected to Witness the Highest Growth Rate During the Forecast Period
Figure 16 North America Held the Largest Share of the Programmable Robots Market in 2014
Figure 17 North America and Europe Together Accounted For About 82% of the Global Programmable Robots Market in 2014
Figure 18 Educational Kits Held the Largest Share in the Global Programmable Robots Market in 2014
Figure 19 Software Component Is Expected to Grow At the Highest Rate During the Forecast Period
Figure 20 Evolution of Robots
Figure 21 Global Programmable Robots Market
Figure 22 Global Programmable Robots Market, By Component
Figure 23 Global Programmable Robots Market, By Application
Figure 24 Global Programmable Robots Market, By Geography
Figure 25 Drivers, Restraints, Opportunities, and Challenges For the Programmable Robots Market
Figure 26 Global Programmable Robots Market: Value Chain Analysis
Figure 27 Porter’S Five Forces Analysis
Figure 28 the Porter’S Five Forces Analysis of the Global Programmable Robots Market in 2014
Figure 29 Global Programmable Robots Market: Degree of Rivalry
Figure 30 Global Programmable Robots Market: Bargaining Power of Suppliers
Figure 31 Global Programmable Robots Market: Bargaining Power of Buyers
Figure 32 Global Programmable Robots Market: Threat of New Entrants
Figure 33 Global Programmable Robots Market: Threat of Substitutes
Figure 34 Global Programmable Robots Market: Industry Life Cycle
Figure 35 Global Programmable Robots Market, By Component
Figure 36 Global Programmable Robots Market, By Hardware Component
Figure 37 Global Programmable Robots Market, By Application
Figure 38 Programmable Robots Market For Education & Research and Hobbyist, By Target Group
Figure 39 Global Entertainment Programmable Robots Market, By Type
Figure 40 Global Programmable Robots Market, By Geography, 2015-2020
Figure 41 Education & Research and Hobbyist Robots Market in Asia-Pacific and Row Is Expected to Grow
Exponentially During the Forecast Period
Figure 42 North American Programmable Robots Market, 2014
Figure 43 European Programmable Robots Market, 2014
Figure 44 Asia-Pacific: Programmable Robots Market, 2014
Figure 45 Top 5 Companies Adopted New Product Launches as the Key Growth Strategy Over the Last Three Years
Figure 46 Programmable Robots Market Share Analysis, 2014
Figure 47 Market Evolution Framework: Agreements and Acquisitions Have Fueled Growth and Innovation in the Global Programmable Robots Market
Figure 48 Battle For Market Share: Agreements, Collaborations, Contracts, and Partnership Emerged as the Key Strategy
Figure 49 Honda Motor Co., Ltd.: Company Snapshot
Figure 50 Honda Motor Co., Ltd.: SWOT Analysis
Figure 51 the Lego Group: Company Snapshot
Figure 52 Lego Group: SWOT Analysis
Figure 53 Aldebaran Robotics Sas: SWOT Analysis
Figure 54 Innovation First International, Inc.: SWOT Analysis
Figure 55 Wowwee Group Limited: SWOT Analysis
Figure 56 Yujin Robot Co., Ltd.: Company Snapshot

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