

Global Professional Service Robots Market – Analysis and Trends to 2020

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Abstracts

Service robotics will show far more disruptive effects on the competitiveness of non-manufacturing industries and the growth in these areas over the coming decade will be much more dramatic. Although accounting for a small fraction in terms of total sales volume of service robots, professional applications of service robots grab over 65% of the total sales revenue generated from service robots. Professional service robots will continue to dominate the service robot market, with medical robots leading gains, particularly in developed countries. Global professional service robot sales revenue is expected to grow by 11.9% annually in the coming 2015-2020 years.

Global Professional Service Robots Market – Analysis and Trends to 2020 examines the worldwide market of specialized robotics for industrial non-manufacture applications and commercial uses through a comprehensive review and analysis of information sources. This report provides market environments, qualitative analysis of market forces, quantitative studies of worldwide professional service robots market by application field, and profound research of global geographic distribution of professional robotics markets. In most analysis, historical statistics together with market outlook cover the 2012-2020 period.

Qualitative market analyses include identification and evaluation of key growth drivers, market restraints and challenges, emerging market opportunities, Porter's Five Forces as well as M&A activities and funding trend (IPO and VCI).

By application field, worldwide professional service robot markets are divided into Defense, Field, Medical Applications, Logistics, Mobile Robot Platforms, Construction and Demolition, Professional Cleaning, Inspection and Maintenance, Underwater System, Rescue and Security, and other applications. The most valuable and promising

market is medical robotics mainly used as surgery assistance. Other important markets include military robots (Unmanned Aerial Vehicles, Unmanned Ground Vehicles, and Demining Robots), milking robots, logistics robots, mobile robots, cleaning robots, inspection and security robotics.

Geographically speaking, American market represents the largest share of the global pie, and also the most innovative region for professional service robots. However, best market opportunities are expected in APAC region which currently ranks the second on revenue size and will expand its global share over the coming years. Europe is the third largest market followed by the rest of world region. Important country markets such as US, Japan, and China are analyzed specifically regarding market overview, industry landscape, and developing trends.

The market data and outlook trends are highlighted by 6 tables and 17 figures. The global leading providers of professional service robots in 2015 are listed and profiled.

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Scope
- 1.2 Research Methodology
- 1.3 Executive Summary

2 MARKET ENVIRONMENT

- 2.1 Prospects for the World Economy in 2015–2016
- 2.2 Outlook of the World Economy to 2030

3 MARKET ANALYSIS

- 3.1 Major Growth Drivers
- 3.2 Market Restraints and Challenges
- 3.3 Emerging Opportunities
- 3.4 Porter's Fiver Forces Analysis
- 3.5 Key M&A Trends and Strategic Partnerships
- 3.6 IPO and VCI

4 GLOBAL PROFESSIONAL ROBOT MARKET BY APPLICATION

- 4.1 Overview of Worldwide Professional Robot Market by Application
- 4.2 Defense
- 4.3 Field
- 4.4 Medical Applications
- 4.5 Logistics
- 4.6 Mobile Robot Platforms
- 4.7 Construction and Demolition
- 4.8 Professional Cleaning
- 4.9 Inspection and Maintenance
- 4.10 Underwater System
- 4.11 Rescue and Security
- 4.12 Other Professional Service Robots

5 GLOBAL PROFESSIONAL ROBOT MARKET BY REGION

- 5.1 Geographic Overview of Global Professional Robot Sales 2012-2020
- 5.2 America Professional Robot Market 2012-2020
- 5.3 European Professional Robots Market 2012-2020
- 5.4 Asia-Pacific Professional Robot Market 2012-2020
- 5.5 Professional Robots Market in Rest of World 2012-2020

6 COMPETITIVE LANDSCAPE OF MANUFACTURE

- 6.1 Overview of Global Professional Robot Manufacturers
- 6.2 Company Profiles

RELATED REPORTS AND PRODUCTS

List Of Tables

LIST OF TABLES

Table 1. Market Trend of Global Service Robots and Professional Service Robot Sector, 2012-2020

Table 2. Average Annual Growth Rates of Global Real GDP, Outlook to 2030

Table 3. Major M&A Deals of Professional Robots Industry in 2015

Table 4. Demand Trend of Global Defense Robots Sector, 2012-2020

Table 5. Sales Volume and Revenue of Global Field Robots Sector, 2012-2020

Table 6. Leading Suppliers of Professional Service Robots in the World

List Of Figures

LIST OF FIGURES

Figure 1. Recent Growth Trend of World Gross Product, 2008–2016

Figure 2. Distribution of Global Professional Robot Sales Volume by Application, 2015 and 2020, %

Figure 3. Distribution of Global Professional Robot Sales Value by Application, 2015 and 2020, %

Figure 4. Sales Volume and Revenue of Global Medical Robots, 2012-2020

Figure 5. Sales Volume and Revenue of Global Logistics Robots, 2012-2020

Figure 6. Sales Volume of Global Mobile Robot Platforms, 2012-2020

Figure 7. Sales Volume of Global Construction and Demolition Robots, 2012-2020

Figure 8. Sales Volume of Global Professional Cleaning Robots, 2012-2020

Figure 9. Sales Volume of Global Inspection and Maintenance Robots, 2012-2020

Figure 10. Sales Volume and Revenue of Global Underwater System Robots, 2012-2020

Figure 11. Sales Volume of Global Rescue and Security Robots, 2012-2020

Figure 12. Sales Volume of Worldwide Other Professional Robots, 2012-2020

Figure 13. Geographic Spread of Worldwide Professional Robot Sales Value, 2015 and 2020

Figure 14. Professional Robot Sales Revenue in America Market, 2012-2020, \$ mn

Figure 15. Professional Robot Sales Revenue in European Market, 2012-2020, \$ mn

Figure 16. Professional Robot Sales Revenue in APAC Market, 2012-2020, \$ mn

Figure 17. Professional Robot Sales Revenue in RoW Market, 2012-2020, \$ mn

COMPANIES MENTIONED

iRobot Corporation

Intuitive Surgical Inc.

Amazon Robotics LLC

Honda Motor Co., Ltd.

GeckoSystems Intl. Corp.

Bluefin Robotics

Deep Ocean Engineering, Inc.

Eca Hytec Sa

International Submarine Engineering Ltd.

MacArtney Group

Touch Bionics Limited

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