Global Robotic Exoskeletons Market 2016-2023 by Industrial Vertical, Mobility Type, Product Function, Power Technology and Region

Description: During the forecast 2017-2023 period, global demand for robotic exoskeletons is poised to a cumulative market value of over $3.7 billion including sales, rent, lease, commission fee and other sources. This represents an exceptional and accelerating growth with a CAGR of more than 40% in terms of annual revenue across the globe.

Global Robotic Exoskeletons Market 2016-2023 by Industrial Vertical, Mobility Type, Product Function, Power Technology and Region is based on a comprehensive research of the robotic exoskeletons market by analyzing the entire global market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain.

In-depth qualitative analyses include identification and investigation of market structure, growth drivers, restraints and challenges, emerging product trends & market opportunities, Porter's Fiver Forces, partnership and fundraising landscape. Moreover, risks associated with investing in global robotic exoskeletons market are assayed quantitatively and qualitatively through the author's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

The report quantifies global robotic exoskeletons market in every aspect of the classification from perspectives of Industrial Vertical, Mobility Type, Product Function, Power Technology and Region.

Based on industrial vertical, the global market is segmented into the following sections with annual revenue data available for each section over 2014-2023:

- Healthcare Sector (further segmented into Rehabilitation and Mobility Aid by application)
- Military Sector
- Industrial Sector (further segmented into Manufacture, Construction, Logistics, and Other Applications)
- Civilian Sector

On basis of mobility type, the global market is studied in the following segments with annual revenue data provided for each sub-segment covering 2014-2023 duration:

- Mobile Exoskeletons
- Stationary Exoskeletons
- Tethered Exoskeletons

On basis of product function, the global market is studied in the following segments with annual revenue available for each sub-segment covering 2014-2023 duration:

- Upper Body Exoskeletons
- Lower Body Exoskeletons
- Full Body Exoskeletons

On basis of power technology, the global market is segmented into the following sections with annual revenue forecast for each section covering 2014-2023:

- Active Exoskeletons (by power type, this section is further classified into Electric Actuator, Pneumatic Actuator, Hydraulic Actuator, Fuel Cell, and Others)
- Passive Exoskeletons

Geographically, the following five regions together with the listed national markets are fully investigated:

- APAC (China, Japan, South Korea, Australia, India, and Rest of APAC)
- Europe (Germany, France, UK, Italy, Spain, Rest of Europe)
- North America (U.S. and Canada)
- Latin America
- RoW

For each of the aforementioned regions and countries, detailed analysis and data about annual revenue of robotic exoskeletons are available for every single year over 2014-2023.

The report also includes global annual shipment 2014-2023 based on direct sales, the split of overall revenue by revenue mode over the forecast years, average selling price of robotic exoskeletons for 2014-2023, current competitive scenario and the predicted manufacture trend, and profiles 16 robotic exoskeleton vendors including market leaders and important emerging players.

Highlighted with 22 tables and 83 figures, this 167-page report provides timely data and detailed analysis to help clients targeting the global market to identify business opportunities and benchmark effective strategies.

(Note: The report can be customized/updated per request to meet clients’ needs.)

Contents:

1 Introduction
   1.1 Industry Definition and Research Scope
      1.1.1 Industry Definition
      1.1.2 Research Scope
   1.2 Research Methodology
      1.2.1 Overview of Market Research Methodology
      1.2.2 Market Assumption
      1.2.3 Secondary Data
      1.2.4 Primary Data
      1.2.5 Data Filtration and Model Design
      1.2.6 Market Size/Share Estimation
      1.2.7 Research Limitations
   1.3 Executive Summary

2 Market Overview and Qualitative Analysis
   2.1 Market Structure
   2.2 Market Size and Forecast
   2.3 Major Growth Drivers
   2.4 Market Restraints and Challenges
   2.5 Emerging Opportunities and Market Trends
   2.6 Porter’s Fiver Forces Analysis
   2.7 Investing in Global Market: Risk Assessment and Management
      2.7.1 Risk Evaluation of Global Market
      2.7.2 Critical Success Factors (CSFs)

3 Segmentation of Global Market by Industrial Vertical
   3.1 Market Overview by Industrial Vertical
   3.2 Global Robotic Exoskeletons Market in Healthcare Sector 2014-2023
      3.2.1 Global Rehabilitation Exoskeletons Market 2014-2023
      3.2.2 Global Mobility Aid Exoskeletons Market 2014-2023
   3.3 Global Robotic Exoskeletons Market in Military Sector 2014-2023
   3.4 Global Robotic Exoskeletons Market in Industrial Sector 2014-2023
      3.4.1 Global Robotic Exoskeletons Market for Industrial Manufacture 2014-2023
      3.4.2 Global Robotic Exoskeletons Market for Construction Industry 2014-2023
      3.4.3 Global Robotic Exoskeletons Market for Logistics Industry 2014-2023
      3.4.4 Global Robotic Exoskeletons Market for Other Industrial Applications 2014-2023
   3.5 Global Robotic Exoskeletons Market in Civilian Sector 2014-2023

4 Segmentation of Global Market by Mobility Type
   4.1 Market Overview by Mobility Type
   4.2 Global Mobile Exoskeletons Market 2014-2023
   4.3 Global Stationary Exoskeletons Market 2014-2023
   4.4 Global Tethered Exoskeletons Market 2014-2023
5 Segmentation of Global Market by Product Function
5.1 Market Overview by Product Function
5.2 Global Upper Body Exoskeletons Market 2014-2023
5.3 Global Lower Body Exoskeletons Market 2014-2023
5.4 Global Full Body Exoskeletons Market 2014-2023

6 Segmentation of Global Market by Power Technology
6.1 Market Overview by Power Technology
6.2 Global Active Exoskeletons Market 2014-2023
   6.2.1 Global Market of Active Exoskeletons with Electric Actuators 2014-2023
   6.2.2 Global Market of Active Exoskeletons with Pneumatic Actuators 2014-2023
   6.2.3 Global Market of Active Exoskeletons with Hydraulic Actuators 2014-2023
   6.2.4 Global Market of Active Exoskeletons with Fuel Cells 2014-2023
   6.2.5 Global Market of Active Exoskeletons with Other Power Technology 2014-2023
6.3 Global Passive Exoskeletons Market 2014-2023

7 Segmentation of Global Market by Region
7.1 Geographic Market Overview by Region 2016-2023
7.2 North America Market 2014-2023
   7.2.1 Overview of North America Market
   7.2.2 U.S. Market
   7.2.3 Canadian Market
7.3 European Market 2014-2023
   7.3.1 Overview of European Market
   7.3.2 Germany
   7.3.3 France
   7.3.4 UK
   7.3.5 Italy
   7.3.6 Spain
   7.3.7 Rest of European Market
7.4 Asia-Pacific Market 2014-2023
   7.4.1 Overview of Asia-Pacific Market
   7.4.2 Japan
   7.4.3 China
   7.4.4 South Korea
   7.4.5 Australia
   7.4.6 India
   7.4.7 Rest of APAC Region
7.5 Latin America Market 2014-2023
7.6 Rest of World Market 2014-2023

8 Competitive Landscape
8.1 Overview of Global Vendors
8.2 Key M&A Trends and Strategic Partnerships
8.3 Fundraising in Global Market
8.4 Recent Product Launches and Development
8.5 Company Profiles (16 Vendors)
   - AlterG, Inc.
   - Bionik Laboratories Corp.
   - Cyberdyne, Inc.
   - Daewoo Shipbuilding & Marine Engineering Co., Ltd
   - Ekso Bionics
   - Hocoma
   - Honda Motor Co., Ltd.
   - Lockheed Martin Corporation
   - Myomo
   - Panasonic Corporation (Activelink)
   - Parker Hannifin Corporation
   - RB3D
   - ReWalk Robotics Ltd.
   - Rex Bionics Plc.
- Sarcos Corporation
- U.S. Bionics, Inc. (suitX)

List of Tables

Table 1. Trend of Global Robotic Exoskeletons Market by Shipment and Revenue, 2016-2023
Table 2. Main Product Trends and Market Opportunities in Global Robotic Exoskeletons Market
Table 3. Summary and Outlook of Risk Evaluation for Investing in Global Robotic Exoskeletons Market, 2016-2023
Table 4. List of Critical Success Factors and Key Takeaway Notes
Table 5. Leading National Exoskeletons Markets by Revenue, 2016 and 2023, $ mn
Table 6. North America Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 7. North America Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 8. U.S. Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 9. U.S. Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 10. Europe Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 11. Europe Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 12. Germany Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 13. Germany Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 14. APAC Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 15. APAC Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 16. Japan Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 17. Japan Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 18. Latin America Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 19. Latin America Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 20. RoW Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, $ mn
Table 21. RoW Robotic Exoskeletons Market by Mobility Type, 2016-2023, $ mn
Table 22. Main Vendors and Product Offerings

List of Figures

Figure 1. Exemplary Pictures of Robotic Exoskeletons
Figure 2. Research Method Flow Chart
Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation
Figure 4. Structure of Global Robotic Exoskeletons Market
Figure 5. Global Robotic Exoskeletons Market by Revenue, 2014-2023, $ mn
Figure 6. Breakdown of Global Robotic Exoskeletons Market by Revenue Source, 2014-2023, % of Revenue
Figure 7. Global Robotic Exoskeletons Market by Unit Shipment, 2014-2023, thousand units
Figure 8. Average Selling Price (ASP) of Robotic Exoskeletons, 2014-2023, ‘000 USD/unit
Figure 9. Primary Drivers and Impact Factors of Global Robotic Exoskeletons Market
Figure 10. Primary Restraints and Impact Factors of Global Robotic Exoskeletons Market
Figure 11. Porter’s Fiver Forces Analysis of Global Robotic Exoskeletons Market
Figure 12. Breakdown of Global Robotic Exoskeletons Market by Industrial Vertical, 2016-2023, % of Revenue
Figure 13. 2016-2023 Revenue Growth Rates of Global Sub-markets by Industrial Vertical
Figure 14. Global Robotic Exoskeletons Market in Healthcare Sector by Revenue, 2014-2023, $ mn
Figure 15. Breakdown of Global Healthcare Exoskeletons Market by Application, 2016-2023, % of Revenue
Figure 16. Revenue Growth Rates of Healthcare Exoskeleton Sub-markets by Application, 2016-2023
Figure 17. Global Rehabilitation Exoskeletons Market by Revenue, 2014-2023, $ mn
Figure 18. Global Mobility Aid Exoskeletons Market by Revenue, 2014-2023, $ mn
Figure 19. Global Robotic Exoskeletons Market in Military Sector by Revenue, 2014-2023, $ mn
Figure 20. Examples of Full Body Military Exoskeletons
Figure 21. Examples of Lower Body Powered Military Exoskeletons
Figure 22. Examples of Passive Military Exoskeletons
Figure 23. Global Robotic Exoskeletons Market in Industrial Sector by Revenue, 2014-2023, $ mn
Figure 24. Breakdown of Global Industrial Exoskeletons Market by Application, 2016-2023, % of Revenue
Figure 25. Revenue Growth Rates of Industrial Exoskeleton Sub-markets by Application, 2016-2023
Figure 26. Global Robotic Exoskeletons Market for Industrial Manufacture by Revenue, 2014-2023, $ mn
Figure 27. Global Robotic Exoskeletons Market for Construction Industry by Revenue, 2014-2023, $ mn
Figure 28. Global Robotic Exoskeletons Market for Logistics Industry by Revenue, 2014-2023, $ mn
Figure 29. Global Robotic Exoskeletons Market for Other Industrial Applications by Revenue, 2014-2023, $ mn
Figure 30. Global Robotic Exoskeletons Market in Civilian Sector by Revenue, 2014-2023, $ mn
Figure 31. Breakdown of Global Robotic Exoskeletons Market by Mobility Type, 2016-2023, % of Revenue
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Global Robotic Exoskeletons Market 2016-2023 by Industrial Vertical, Mobility Type, Product Function, Power Technology and Region
Web Address: http://www.researchandmarkets.com/reports/4043279/
Office Code: SC2G348L

Product Formats
Please select the product formats and quantity you require:

Quantity
Electronic (PDF) - Single User: USD 3500
Electronic (PDF) - Site License: USD 5000
Electronic (PDF) - Enterprisewide: USD 6800

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  Mr  Mrs  Dr  Miss  Ms  Prof
First Name: ______________________  Last Name: ______________________
Email Address: * ______________________
Job Title: ______________________
Organisation: ______________________
Address: ______________________
City: ______________________
Postal / Zip Code: ______________________
Country: ______________________
Phone Number: ______________________
Fax Number: ______________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World