

Global Robotic Exoskeletons Market 2022-2032 by Offering (Hardware, Software, Service), Function (Upper Body, Lower Body, Full Body), Mobility (Mobile, Stationary, Tethered), Power (Active/Powered, Passive), Structure (Rigid, Soft), Vertical (Healthcare, Military, Industrial, Civilian/Consumer), and Region: Trend Forecast and Growth Opportunity

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Abstracts

Global robotic exoskeletons market will reach \$20.06 billion by 2032, growing by 33.8% annually over 2022-2032, driven by the surging demand for exoskeletons from the various industrial verticals, the growing R&D investment, and the rapid development in robotic technologies. The annual sales volume is expected to grow by 43.7% annually over the forecast period.

Highlighted with 102 tables and 144 figures, this 237-page report “Global Robotic Exoskeletons Market 2022-2032 by Offering (Hardware, Software, Service), Function (Upper Body, Lower Body, Full Body), Mobility (Mobile, Stationary, Tethered), Power (Active/Powered, Passive), Structure (Rigid, Soft), Vertical (Healthcare, Military, Industrial, Civilian/Consumer), and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global robotic exoskeletons 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. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global robotic exoskeletons market in every aspect of the classification from perspectives of Offering, Function, Mobility, Power, Structure, Vertical, and Region.

Based on Offering, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Sensors

Actuators

Power Sources

Controllers

Other Hardware

Software

Service

Based on Function, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and volume (units) for 2022-2032 included in each section.

Upper Body Exoskeletons

Lower Body Exoskeletons

Full Body Exoskeletons

By Mobility, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and volume (units) for 2022-2032 included in each section.

Mobile Exoskeletons

Stationary Exoskeletons

Tethered Exoskeletons

By Power, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and volume (units) for 2022-2032 included in each section.

Active/Powered Exoskeletons

Electric Actuator
Pneumatic Actuator
Hydraulic Actuator
Fuel Cell
Other Types
Passive Exoskeletons

By Structure, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and volume (units) for 2022-2032 included in each section.

Rigid Exoskeletons
Soft Exoskeletons

By Vertical, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and volume (units) for 2022-2032 included in each section.

Healthcare Sector
Rehabilitation
Mobility Aid
Military Sector
Industrial Sector
Manufacture
Construction
Logistics
Other Industrial Applications
Civilian/Consumer Sector

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

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (Israel, Saudi Arabia, South Africa, and Rest of MEA)

For each region and country, detailed analysis and data of annual revenue (\$ mn) and sales volume (units) are available for 2022-2032. The breakdown of all regional markets by country and the breakdown of each national market by Function, Mobility, and

Vertical over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

AlterG Inc.

Atoun Inc.

Axosuits SRL

Bionik Laboratories Corp.

B-Temia Inc.

Cyberdyne Inc.

DIH Technologies Corporation

Ekso Bionics Holdings Inc.

Gogoa Mobility Robots SL

Hocomo AG

Honda Motor Co., Ltd.

Innophys Co., Ltd.

Japet Medical Devices

Lockheed Martin Corp.

Marsi Bionics, S.L.

Myomo Inc.

Panasonic Holdings Corp.

Parker-Hannifin Corp.

ReWalk Robotics Inc.

Rex Bionics Ltd.

US Bionics Inc. (Suitx)

Wearable Robotics SRL

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

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 DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF GLOBAL MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware
 - 3.2.1 Sensors
 - 3.2.2 Actuators
 - 3.2.3 Power Sources
 - 3.2.4 Controllers
 - 3.2.5 Other Hardware
- 3.3 Software
- 3.4 Services

4 SEGMENTATION OF GLOBAL MARKET BY FUNCTION

- 4.1 Market Overview by Function
- 4.2 Upper Body Exoskeletons
- 4.3 Lower Body Exoskeletons
- 4.4 Full Body Exoskeletons

5 SEGMENTATION OF GLOBAL MARKET BY MOBILITY

- 5.1 Market Overview by Mobility
- 5.2 Mobile Exoskeletons
- 5.3 Stationary Exoskeletons
- 5.4 Tethered Exoskeletons

6 SEGMENTATION OF GLOBAL MARKET BY POWER

- 6.1 Market Overview by Power
- 6.2 Active/Powered Exoskeletons
 - 6.2.1 Electric Actuator
 - 6.2.2 Pneumatic Actuator
 - 6.2.3 Hydraulic Actuator
 - 6.2.4 Fuel Cell
 - 6.2.5 Other Types
- 6.3 Passive Exoskeletons

7 SEGMENTATION OF GLOBAL MARKET BY STRUCTURE

- 7.1 Market Overview by Structure
- 7.2 Rigid Exoskeletons
- 7.3 Soft Exoskeletons

8 SEGMENTATION OF GLOBAL MARKET BY VERTICAL

- 8.1 Market Overview by Vertical
- 8.2 Healthcare Sector
 - 8.2.1 Rehabilitation
 - 8.2.2 Mobility Aid
- 8.3 Military Sector

8.4 Industrial Sector

8.4.1 Manufacture

8.4.2 Construction

8.4.3 Logistics

8.4.4 Other Industrial Applications

8.5 Civilian/Consumer Sector

9 SEGMENTATION OF GLOBAL MARKET BY REGION

9.1 Geographic Market Overview 2022-2032

9.2 North America Market 2022-2032 by Country

9.2.1 Overview of North America Market

9.2.2 U.S.

9.2.3 Canada

9.2.4 Mexico

9.3 European Market 2022-2032 by Country

9.3.1 Overview of European Market

9.3.2 Germany

9.3.3 U.K.

9.3.4 France

9.3.5 Spain

9.3.6 Italy

9.3.7 Russia

9.3.8 Rest of European Market

9.4 Asia-Pacific Market 2022-2032 by Country/Region

9.4.1 Overview of Asia-Pacific Market

9.4.2 Japan

9.4.3 China

9.4.4 Australia

9.4.5 India

9.4.6 South Korea

9.4.7 Rest of APAC Region

9.5 South America Market 2022-2032 by Country

9.5.1 Argentina

9.5.2 Brazil

9.5.3 Chile

9.5.4 Rest of South America Market

9.6 MEA Market 2022-2032 by Country

9.6.1 Israel

- 9.6.2 Saudi Arabia
- 9.6.3 South Africa
- 9.6.4 Other National Markets

10 COMPETITIVE LANDSCAPE

- 10.1 Overview of Key Vendors
- 10.2 New Product Launch, Partnership, Investment, and M&A
- 10.3 Company Profiles

AlterG Inc.

Atoun Inc.

Axosuits SRL

Bionik Laboratories Corp.

B-Temia Inc.

Cyberdyne Inc.

DIH Technologies Corporation

Ekso Bionics Holdings Inc.

Gogoa Mobility Robots SL

Hocoma AG

Honda Motor Co., Ltd.

Innophys Co., Ltd.

Japet Medical Devices

Lockheed Martin Corp.

Marsi Bionics, S.L.

Myomo Inc.

Panasonic Holdings Corp.

Parker-Hannifin Corp.

ReWalk Robotics Inc.

Rex Bionics Ltd.

US Bionics Inc. (Suitx)

Wearable Robotics SRL

RELATED REPORTS

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Global Robotic Exoskeletons Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. World Health Spending by Region, \$ bn, 2013-2020

Table 6. Main Product Trends and Market Opportunities in Global Robotic Exoskeletons Market

Table 7. Global Robotic Exoskeletons Market by Offering, 2022-2032, \$ mn

Table 8. Global Robotic Exoskeletons Market: Hardware by Type, 2022-2032, \$ mn

Table 9. Global Robotic Exoskeletons Market by Function, 2022-2032, \$ mn

Table 10. Global Robotic Exoskeletons Market by Function, 2022-2032, units

Table 11. Global Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 12. Global Robotic Exoskeletons Market by Mobility, 2022-2032, units

Table 13. Global Robotic Exoskeletons Market by Power, 2022-2032, \$ mn

Table 14. Global Robotic Exoskeletons Market by Power, 2022-2032, units

Table 15. Global Robotic Exoskeletons Market: Active/Powered Exoskeletons by Type, 2022-2032, \$ mn

Table 16. Global Robotic Exoskeletons Market by Structure, 2022-2032, \$ mn

Table 17. Global Robotic Exoskeletons Market by Structure, 2022-2032, units

Table 18. Global Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 19. Global Robotic Exoskeletons Market by Vertical, 2022-2032, units

Table 20. Global Robotic Exoskeletons Market: Healthcare Sector by Application, 2022-2032, \$ mn

Table 21. Global Robotic Exoskeletons Market: Industrial Sector by Application, 2022-2032, \$ mn

Table 22. Global Robotic Exoskeletons Market by Region, 2022-2032, \$ mn

Table 23. Global Robotic Exoskeletons Market by Region, 2022-2032, units

Table 24. Leading National Robotic Exoskeletons Market, 2022 and 2032, \$ mn

Table 25. North America Robotic Exoskeletons Market by Country, 2022-2032, \$ mn

Table 26. North America Robotic Exoskeletons Market by Country, 2022-2032, units

Table 27. U.S. Robotic Exoskeletons Market by Function, 2022-2032, \$ mn

Table 28. U.S. Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 29. U.S. Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 30. Canada Robotic Exoskeletons Market by Function, 2022-2032, \$ mn

Table 31. Canada Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 32. Canada Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 33. Mexico Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 34. Mexico Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 35. Mexico Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 36. Europe Robotic Exoskeletons Market by Country, 2022-2032, \$ mn
Table 37. Europe Robotic Exoskeletons Market by Country, 2022-2032, units
Table 38. Germany Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 39. Germany Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 40. Germany Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 41. U.K. Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 42. U.K. Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 43. U.K. Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 44. France Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 45. France Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 46. France Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 47. Spain Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 48. Spain Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 49. Spain Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 50. Italy Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 51. Italy Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 52. Italy Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 53. Russia Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 54. Russia Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 55. Russia Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 56. Robotic Exoskeletons Market in Rest of Europe by Country, 2022-2032, \$ mn
Table 57. APAC Robotic Exoskeletons Market by Country/Region, 2022-2032, \$ mn
Table 58. APAC Robotic Exoskeletons Market by Country/Region, 2022-2032, units
Table 59. Japan Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 60. Japan Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 61. Japan Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 62. China Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 63. China Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 64. China Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 65. Australia Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 66. Australia Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 67. Australia Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 68. India Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 69. India Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 70. India Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 71. South Korea Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 72. South Korea Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 73. South Korea Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 74. Robotic Exoskeletons Market in Rest of APAC by Country/Region, 2022-2032, \$ mn
Table 75. South America Robotic Exoskeletons Market by Country, 2022-2032, \$ mn
Table 76. South America Robotic Exoskeletons Market by Country, 2022-2032, units
Table 77. Argentina Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 78. Argentina Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 79. Argentina Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 80. Brazil Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 81. Brazil Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 82. Brazil Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 83. Chile Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 84. Chile Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 85. Chile Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 86. MEA Robotic Exoskeletons Market by Country, 2022-2032, \$ mn
Table 87. MEA Robotic Exoskeletons Market by Country, 2022-2032, units
Table 88. Israel Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 89. Israel Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 90. Israel Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 91. Saudi Arabia Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 92. Saudi Arabia Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 93. Saudi Arabia Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 94. South Africa Robotic Exoskeletons Market by Function, 2022-2032, \$ mn
Table 95. South Africa Robotic Exoskeletons Market by Mobility, 2022-2032, \$ mn
Table 96. South Africa Robotic Exoskeletons Market by Vertical, 2022-2032, \$ mn
Table 97. Breakdown of World Market by Key Vendor, 2022, %
Table 98. Main Vendors and Product Offerings
Table 99. Recent Development and Activities
Table 100. AlterG Inc.: Company Snapshot
Table 101. AlterG Inc.: Business Segmentation
Table 102. AlterG Inc.: Product Portfolio

List Of Figures

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. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032
- Figure 5. Industry Value Chain Analysis
- Figure 6. Global Robotic Exoskeletons Market by Revenue, 2022-2032, \$ mn
- Figure 7. Global Robotic Exoskeletons Market by Shipment, 2022-2032, units
- Figure 8. Global ASP of Robotic Exoskeletons, 2022-2032, thousand USD/unit
- Figure 9. Impact of COVID-19 on Business
- Figure 10. Primary Drivers and Impact Factors of Global Robotic Exoskeletons Market
- Figure 11. World Smart Factory Market, 2019-2026, \$ mn
- Figure 12. Worldwide Geriatric Population (60 years and above) by Regions, 2015 & 2030, million
- Figure 13. World Population 65 and Over, % of Total Population, 1950-2060
- Figure 14. Primary Restraints and Impact Factors of Global Robotic Exoskeletons Market
- Figure 15. Investment Opportunity Analysis
- Figure 16. Porter's Five Forces Analysis of Global Robotic Exoskeletons Market
- Figure 17. Breakdown of Global Robotic Exoskeletons Market by Offering, 2022-2032, % of Revenue
- Figure 18. Global Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)
- Figure 19. Global Robotic Exoskeletons Market by Offering: Hardware, 2022-2032, \$ mn
- Figure 20. Global Robotic Exoskeletons Market by Hardware: Sensors, 2022-2032, \$ mn
- Figure 21. Global Robotic Exoskeletons Market by Hardware: Actuators, 2022-2032, \$ mn
- Figure 22. Global Robotic Exoskeletons Market by Hardware: Power Sources, 2022-2032, \$ mn
- Figure 23. Global Robotic Exoskeletons Market by Hardware: Controllers, 2022-2032, \$ mn
- Figure 24. Global Robotic Exoskeletons Market by Hardware: Other Hardware, 2022-2032, \$ mn

Figure 25. Global Robotic Exoskeletons Market by Offering: Software, 2022-2032, \$ mn

Figure 26. Global Robotic Exoskeletons Market by Offering: Services, 2022-2032, \$ mn

Figure 27. Breakdown of Global Robotic Exoskeletons Market by Function, 2022-2032, % of Sales Revenue

Figure 28. Global Addressable Market Cap in 2023-2032 by Function, Value (\$ mn) and Share (%)

Figure 29. Breakdown of Global Robotic Exoskeletons Market by Function, 2022-2032, % of Shipment

Figure 30. Global Addressable Market Cap in 2023-2032 by Function, Shipment (units) and Share (%)

Figure 31. Global Robotic Exoskeletons Market by Function: Upper Body Exoskeletons, 2022-2032, \$ mn

Figure 32. Global Robotic Exoskeletons Market by Function: Upper Body Exoskeletons, 2022-2032, units

Figure 33. Global Robotic Exoskeletons Market by Function: Lower Body Exoskeletons, 2022-2032, \$ mn

Figure 34. Global Robotic Exoskeletons Market by Function: Lower Body Exoskeletons, 2022-2032, units

Figure 35. Global Robotic Exoskeletons Market by Function: Full Body Exoskeletons, 2022-2032, \$ mn

Figure 36. Global Robotic Exoskeletons Market by Function: Full Body Exoskeletons, 2022-2032, units

Figure 37. Breakdown of Global Robotic Exoskeletons Market by Mobility, 2022-2032, % of Sales Revenue

Figure 38. Global Addressable Market Cap in 2023-2032 by Mobility, Value (\$ mn) and Share (%)

Figure 39. Breakdown of Global Robotic Exoskeletons Market by Mobility, 2022-2032, % of Shipment

Figure 40. Global Addressable Market Cap in 2023-2032 by Mobility, Shipment (units) and Share (%)

Figure 41. Global Robotic Exoskeletons Market by Mobility: Mobile Exoskeletons, 2022-2032, \$ mn

Figure 42. Global Robotic Exoskeletons Market by Mobility: Mobile Exoskeletons, 2022-2032, units

Figure 43. Global Robotic Exoskeletons Market by Mobility: Stationary Exoskeletons, 2022-2032, \$ mn

Figure 44. Global Robotic Exoskeletons Market by Mobility: Stationary Exoskeletons, 2022-2032, units

Figure 45. Global Robotic Exoskeletons Market by Mobility: Tethered Exoskeletons,

2022-2032, \$ mn

Figure 46. Global Robotic Exoskeletons Market by Mobility: Tethered Exoskeletons, 2022-2032, units

Figure 47. Breakdown of Global Robotic Exoskeletons Market by Power, 2022-2032, % of Revenue

Figure 48. Global Addressable Market Cap in 2023-2032 by Power, Value (\$ mn) and Share (%)

Figure 49. Breakdown of Global Robotic Exoskeletons Market by Power, 2022-2032, % of Shipment

Figure 50. Global Addressable Market Cap in 2023-2032 by Power, Shipment (units) and Share (%)

Figure 51. Global Robotic Exoskeletons Market by Power: Active/Powered Exoskeletons, 2022-2032, \$ mn

Figure 52. Global Robotic Exoskeletons Market by Power: Active/Powered Exoskeletons, 2022-2032, units

Figure 53. Global Robotic Exoskeletons Market by Active/Powered Exoskeletons: Electric Actuator, 2022-2032, \$ mn

Figure 54. Global Robotic Exoskeletons Market by Active/Powered Exoskeletons: Pneumatic Actuator, 2022-2032, \$ mn

Figure 55. Global Robotic Exoskeletons Market by Active/Powered Exoskeletons: Hydraulic Actuator, 2022-2032, \$ mn

Figure 56. Global Robotic Exoskeletons Market by Active/Powered Exoskeletons: Fuel Cell, 2022-2032, \$ mn

Figure 57. Global Robotic Exoskeletons Market by Active/Powered Exoskeletons: Other Types, 2022-2032, \$ mn

Figure 58. Global Robotic Exoskeletons Market by Power: Passive Exoskeletons, 2022-2032, \$ mn

Figure 59. Global Robotic Exoskeletons Market by Power: Passive Exoskeletons, 2022-2032, units

Figure 60. Breakdown of Global Robotic Exoskeletons Market by Structure, 2022-2032, % of Revenue

Figure 61. Global Addressable Market Cap in 2023-2032 by Structure, Value (\$ mn) and Share (%)

Figure 62. Breakdown of Global Robotic Exoskeletons Market by Structure, 2022-2032, % of Shipment

Figure 63. Global Addressable Market Cap in 2023-2032 by Structure, Shipment (units) and Share (%)

Figure 64. Global Robotic Exoskeletons Market by Structure: Rigid Exoskeletons, 2022-2032, \$ mn

Figure 65. Global Robotic Exoskeletons Market by Structure: Rigid Exoskeletons, 2022-2032, units

Figure 66. Global Robotic Exoskeletons Market by Structure: Soft Exoskeletons, 2022-2032, \$ mn

Figure 67. Global Robotic Exoskeletons Market by Structure: Soft Exoskeletons, 2022-2032, units

Figure 68. Breakdown of Global Robotic Exoskeletons Market by Vertical, 2022-2032, % of Sales Revenue

Figure 69. Global Addressable Market Cap in 2023-2032 by Vertical, Value (\$ mn) and Share (%)

Figure 70. Breakdown of Global Robotic Exoskeletons Market by Vertical, 2022-2032, % of Shipment

Figure 71. Global Addressable Market Cap in 2023-2032 by Vertical, Shipment (units) and Share (%)

Figure 72. Global Robotic Exoskeletons Market by Vertical: Healthcare Sector, 2022-2032, \$ mn

Figure 73. Global Robotic Exoskeletons Market by Vertical: Healthcare Sector, 2022-2032, units

Figure 74. Global Robotic Exoskeletons Market by Healthcare Sector: Rehabilitation, 2022-2032, \$ mn

Figure 75. Global Robotic Exoskeletons Market by Healthcare Sector: Mobility Aid, 2022-2032, \$ mn

Figure 76. Global Robotic Exoskeletons Market by Vertical: Military Sector, 2022-2032, \$ mn

Figure 77. Global Robotic Exoskeletons Market by Vertical: Military Sector, 2022-2032, units

Figure 78. Global Robotic Exoskeletons Market by Vertical: Industrial Sector, 2022-2032, \$ mn

Figure 79. Global Robotic Exoskeletons Market by Vertical: Industrial Sector, 2022-2032, units

Figure 80. Global Robotic Exoskeletons Market by Industrial Sector: Manufacture, 2022-2032, \$ mn

Figure 81. Global Robotic Exoskeletons Market by Industrial Sector: Construction, 2022-2032, \$ mn

Figure 82. Global Robotic Exoskeletons Market by Industrial Sector: Logistics, 2022-2032, \$ mn

Figure 83. Global Robotic Exoskeletons Market by Industrial Sector: Other Industrial Applications, 2022-2032, \$ mn

Figure 84. Global Robotic Exoskeletons Market by Vertical: Civilian/Consumer Sector,

2022-2032, \$ mn

Figure 85. Global Robotic Exoskeletons Market by Vertical: Military Sector, 2022-2032, units

Figure 86. Global Market Snapshot by Region

Figure 87. Geographic Spread of Worldwide Robotic Exoskeletons Market, 2022-2032, % of Sales Revenue

Figure 88. Global Addressable Market Cap in 2023-2032 by Region, Value (\$ mn) and Share (%)

Figure 89. Geographic Spread of Worldwide Robotic Exoskeletons Market, 2022-2032, % of Shipment

Figure 90. Global Addressable Market Cap in 2023-2032 by Region, Shipment (units) and Share (%)

Figure 91. North American Robotic Exoskeletons Market, 2022-2032, \$ mn

Figure 92. North American Robotic Exoskeletons Market, 2022-2032, units

Figure 93. Breakdown of North America Robotic Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 94. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 95. Breakdown of North America Robotic Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 96. Contribution to North America 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 97. U.S. Robotic Exoskeletons Market, 2022-2032, \$ mn

Figure 98. Canada Robotic Exoskeletons Market, 2022-2032, \$ mn

Figure 99. Robotic Exoskeletons Market in Mexico, 2022-2032, \$ mn

Figure 100. European Robotic Exoskeletons Market, 2022-2032, \$ mn

Figure 101. European Robotic Exoskeletons Market, 2022-2032, units

Figure 102. Breakdown of European Robotic Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 103. Contribution to Europe 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 104. Breakdown of European Robotic Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 105. Contribution to Europe 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 106. Robotic Exoskeletons Market in Germany, 2022-2032, \$ mn

Figure 107. Robotic Exoskeletons Market in U.K., 2022-2032, \$ mn

Figure 108. Robotic Exoskeletons Market in France, 2022-2032, \$ mn

Figure 109. Robotic Exoskeletons Market in Spain, 2022-2032, \$ mn

Figure 110. Robotic Exoskeletons Market in Italy, 2022-2032, \$ mn

Figure 111. Robotic Exoskeletons Market in Russia, 2022-2032, \$ mn

Figure 112. Robotic Exoskeletons Market in Rest of Europe, 2022-2032, \$ mn

Figure 113. Asia-Pacific Robotic Exoskeletons Market, 2022-2032, \$ mn

Figure 114. Asia-Pacific Robotic Exoskeletons Market, 2022-2032, units

Figure 115. Breakdown of APAC Robotic Exoskeletons Market by Country/Region, 2022 and 2032, % of Revenue

Figure 116. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 117. Breakdown of APAC Robotic Exoskeletons Market by Country/Region, 2022 and 2032, % of Shipment

Figure 118. Contribution to APAC 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 119. Robotic Exoskeletons Market in Japan, 2022-2032, \$ mn

Figure 120. Robotic Exoskeletons Market in China, 2022-2032, \$ mn

Figure 121. Robotic Exoskeletons Market in Australia, 2022-2032, \$ mn

Figure 122. Robotic Exoskeletons Market in India, 2022-2032, \$ mn

Figure 123. Robotic Exoskeletons Market in South Korea, 2022-2032, \$ mn

Figure 124. Robotic Exoskeletons Market in Rest of APAC, 2022-2032, \$ mn

Figure 125. South America Robotic Exoskeletons Market, 2022-2032, \$ mn

Figure 126. South America Robotic Exoskeletons Market, 2022-2032, units

Figure 127. Breakdown of South America Robotic Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 128. Contribution to South America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 129. Breakdown of South America Robotic Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 130. Contribution to South America 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 131. Robotic Exoskeletons Market in Argentina, 2022-2032, \$ mn

Figure 132. Robotic Exoskeletons Market in Brazil, 2022-2032, \$ mn

Figure 133. Robotic Exoskeletons Market in Chile, 2022-2032, \$ mn

Figure 134. Robotic Exoskeletons Market in Rest of South America, 2022-2032, \$ mn

Figure 135. Robotic Exoskeletons Market in Middle East and Africa (MEA), 2022-2032, \$ mn

Figure 136. Robotic Exoskeletons Market in Middle East and Africa (MEA), 2022-2032, units

Figure 137. Breakdown of MEA Robotic Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 138. Contribution to MEA 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 139. Breakdown of MEA Robotic Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 140. Contribution to MEA 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 141. Robotic Exoskeletons Market in Israel, 2022-2032, \$ mn

Figure 142. Robotic Exoskeletons Market in Saudi Arabia, 2022-2032, \$ mn

Figure 143. Robotic Exoskeletons Market in South Africa, 2022-2032, \$ mn

Figure 144. Growth Stage of Global Robotic Exoskeletons Industry over the Forecast Period

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