

Global Powered Exoskeletons Market 2022-2032 by Offering (Hardware, Software, Service), Function (Upper Body, Lower Body, Full Body), Mobility (Mobile, Stationary, Tethered), Actuator (Electric, Pneumatic, Hydraulic, Fuel Cell, Others), Structure (Rigid, Soft), Vertical (Healthcare, Military, Industrial, Civilian/Consumer), and Region: Trend Forecast and Growth Opportunity

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Abstracts

Global powered exoskeletons market will reach \$15.14 billion by 2032, growing by 34.2% annually over 2022-2032, driven by the rapid development of exoskeleton technologies, an increase in the physically challenged population, the rising demand for rehabilitation therapy, and the adoption of exoskeletons in military and defense. The annual sales volume is expected to grow by 44.8% annually over the forecast period. Highlighted with 101 tables and 145 figures, this 236-page report “Global Powered Exoskeletons Market 2022-2032 by Offering (Hardware, Software, Service), Function (Upper Body, Lower Body, Full Body), Mobility (Mobile, Stationary, Tethered), Actuator (Electric, Pneumatic, Hydraulic, Fuel Cell, Others), 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 powered 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 powered exoskeletons market in every aspect of the classification from perspectives of Offering, Function, Mobility, Actuator, 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 Actuator, the global market is segmented into the following sub-markets with annual

revenue (\$ mn) and volume (units) for 2022-2032 included in each section.

Electric Actuator

Pneumatic Actuator

Hydraulic Actuator

Fuel Cell Actuator

Other Actuator Types

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.

Bionic Power Inc.

Bionik Laboratories Corp.

Cyberdyne Inc.

Daewoo Shipbuilding & Marine Engineering Co., Ltd.

Ekso Bionics Holdings Inc.

Honda Motor Co., Ltd.

Lockheed Martin Corp.

Myomo Inc.

Noonee

Panasonic Holdings Corp.

Parker Hannifin Corp.

Reha Technology AG

ReWalk Robotics Inc.

Rex Bionics Ltd.

Robotdalen

Sarcos Corporation

US Bionics Inc. (Suitx)

(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 Actuator 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 ACTUATOR

- 6.1 Market Overview by Actuator
- 6.2 Electric Actuator
- 6.3 Pneumatic Actuator
- 6.4 Hydraulic Actuator
- 6.5 Fuel Cell Actuator
- 6.6 Other Types

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.

Bionic Power Inc.

Bionik Laboratories Corp.

Cyberdyne Inc.

Daewoo Shipbuilding & Marine Engineering Co., Ltd.

Ekso Bionics Holdings Inc.

Honda Motor Co., Ltd.

Lockheed Martin Corp.

Myomo Inc.

Noonee

Panasonic Holdings Corp.

Parker Hannifin Corp.

Reha Technology AG

ReWalk Robotics Inc.

Rex Bionics Ltd.

Robotdalen

Sarcos Corporation

US Bionics Inc. (Suitx)

RELATED REPORTS

List Of Tables

LIST OF TABLES:

- Table 1. Snapshot of Global Powered 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 Powered Exoskeletons Market
- Table 7. Global Powered Exoskeletons Market by Offering, 2022-2032, \$ mn
- Table 8. Global Powered Exoskeletons Market: Hardware by Type, 2022-2032, \$ mn
- Table 9. Global Powered Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 10. Global Powered Exoskeletons Market by Function, 2022-2032, units
- Table 11. Global Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn
- Table 12. Global Powered Exoskeletons Market by Mobility, 2022-2032, units
- Table 13. Global Powered Exoskeletons Market by Actuator, 2022-2032, \$ mn
- Table 14. Global Powered Exoskeletons Market by Actuator, 2022-2032, units
- Table 15. Global Powered Exoskeletons Market by Structure, 2022-2032, \$ mn
- Table 16. Global Powered Exoskeletons Market by Structure, 2022-2032, units
- Table 17. Global Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn
- Table 18. Global Powered Exoskeletons Market by Vertical, 2022-2032, units
- Table 19. Global Powered Exoskeletons Market: Healthcare Sector by Application, 2022-2032, \$ mn
- Table 20. Global Powered Exoskeletons Market: Industrial Sector by Application, 2022-2032, \$ mn
- Table 21. Global Powered Exoskeletons Market by Region, 2022-2032, \$ mn
- Table 22. Global Powered Exoskeletons Market by Region, 2022-2032, units
- Table 23. Leading National Powered Exoskeletons Market, 2022 and 2032, \$ mn
- Table 24. North America Powered Exoskeletons Market by Country, 2022-2032, \$ mn
- Table 25. North America Powered Exoskeletons Market by Country, 2022-2032, units
- Table 26. U.S. Powered Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 27. U.S. Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn
- Table 28. U.S. Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn
- Table 29. Canada Powered Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 30. Canada Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn
- Table 31. Canada Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

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

Table 70. South Korea Powered Exoskeletons Market by Function, 2022-2032, \$ mn

Table 71. South Korea Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 72. South Korea Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 73. Powered Exoskeletons Market in Rest of APAC by Country/Region, 2022-2032, \$ mn

Table 74. South America Powered Exoskeletons Market by Country, 2022-2032, \$ mn

Table 75. South America Powered Exoskeletons Market by Country, 2022-2032, units

Table 76. Argentina Powered Exoskeletons Market by Function, 2022-2032, \$ mn

Table 77. Argentina Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 78. Argentina Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 79. Brazil Powered Exoskeletons Market by Function, 2022-2032, \$ mn

Table 80. Brazil Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 81. Brazil Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 82. Chile Powered Exoskeletons Market by Function, 2022-2032, \$ mn

Table 83. Chile Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 84. Chile Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 85. MEA Powered Exoskeletons Market by Country, 2022-2032, \$ mn

Table 86. MEA Powered Exoskeletons Market by Country, 2022-2032, units

Table 87. Israel Powered Exoskeletons Market by Function, 2022-2032, \$ mn

Table 88. Israel Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 89. Israel Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 90. Saudi Arabia Powered Exoskeletons Market by Function, 2022-2032, \$ mn

Table 91. Saudi Arabia Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 92. Saudi Arabia Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 93. South Africa Powered Exoskeletons Market by Function, 2022-2032, \$ mn

Table 94. South Africa Powered Exoskeletons Market by Mobility, 2022-2032, \$ mn

Table 95. South Africa Powered Exoskeletons Market by Vertical, 2022-2032, \$ mn

Table 96. Breakdown of World Market by Key Vendor, 2022, %

Table 97. Main Vendors and Product Offerings

Table 98. Recent Development and Activities

Table 99. AlterG Inc.: Company Snapshot

Table 100. AlterG Inc.: Business Segmentation

Table 101. AlterG Inc.: Product Portfolio

List Of Figures

LIST OF FIGURES:

Figure 1. Exemplary Pictures of Powered 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 Powered Exoskeletons Market by Revenue, 2022-2032, \$ mn

Figure 7. Global Powered Exoskeletons Market by Shipment, 2022-2032, units

Figure 8. Global ASP of Powered Exoskeletons, 2022-2032, thousand USD/unit

Figure 9. Impact of COVID-19 on Business

Figure 10. Primary Drivers and Impact Factors of Global Powered 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 Powered Exoskeletons Market

Figure 15. Investment Opportunity Analysis

Figure 16. Porter's Five Forces Analysis of Global Powered Exoskeletons Market

Figure 17. Breakdown of Global Powered 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 Powered Exoskeletons Market by Offering: Hardware, 2022-2032, \$ mn

Figure 20. Global Powered Exoskeletons Market by Hardware: Sensors, 2022-2032, \$ mn

Figure 21. Global Powered Exoskeletons Market by Hardware: Actuators, 2022-2032, \$ mn

Figure 22. Global Powered Exoskeletons Market by Hardware: Actuator Sources, 2022-2032, \$ mn

Figure 23. Global Powered Exoskeletons Market by Hardware: Controllers, 2022-2032, \$ mn

Figure 24. Global Powered Exoskeletons Market by Hardware: Other Hardware, 2022-2032, \$ mn

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

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

Figure 27. Breakdown of Global Powered 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 Powered 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 Powered Exoskeletons Market by Function: Upper Body Exoskeletons, 2022-2032, \$ mn

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

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

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

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

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

Figure 37. Breakdown of Global Powered 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 Powered 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 Powered Exoskeletons Market by Mobility: Mobile Exoskeletons, 2022-2032, \$ mn

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

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

Figure 44. Global Powered Exoskeletons Market by Mobility: Stationary Exoskeletons,

2022-2032, units

Figure 45. Global Powered Exoskeletons Market by Mobility: Tethered Exoskeletons, 2022-2032, \$ mn

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

Figure 47. Breakdown of Global Powered Exoskeletons Market by Actuator, 2022-2032, % of Revenue

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

Figure 49. Breakdown of Global Powered Exoskeletons Market by Actuator, 2022-2032, % of Shipment

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

Figure 51. Global Powered Exoskeletons Market by Actuator: Electric Actuator, 2022-2032, \$ mn

Figure 52. Global Powered Exoskeletons Market by Actuator: Electric Actuator, 2022-2032, units

Figure 53. Global Powered Exoskeletons Market by Actuator: Pneumatic Actuator, 2022-2032, \$ mn

Figure 54. Global Powered Exoskeletons Market by Actuator: Pneumatic Actuator, 2022-2032, units

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

Figure 56. Global Powered Exoskeletons Market by Actuator: Hydraulic Actuator, 2022-2032, units

Figure 57. Global Powered Exoskeletons Market by Actuator: Fuel Cell Actuator , 2022-2032, \$ mn

Figure 58. Global Powered Exoskeletons Market by Actuator: Fuel Cell Actuator , 2022-2032, units

Figure 59. Global Powered Exoskeletons Market by Actuator: Other Types, 2022-2032, \$ mn

Figure 60. Global Powered Exoskeletons Market by Actuator: Other Types, 2022-2032, units

Figure 61. Breakdown of Global Powered Exoskeletons Market by Structure, 2022-2032, % of Revenue

Figure 62. Global Addressable Market Cap in 2023-2032 by Structure, Value (\$ mn) and Share (%)

Figure 63. Breakdown of Global Powered Exoskeletons Market by Structure, 2022-2032, % of Shipment

Figure 64. Global Addressable Market Cap in 2023-2032 by Structure, Shipment (units) and Share (%)

Figure 65. Global Powered Exoskeletons Market by Structure: Rigid Exoskeletons, 2022-2032, \$ mn

Figure 66. Global Powered Exoskeletons Market by Structure: Rigid Exoskeletons, 2022-2032, units

Figure 67. Global Powered Exoskeletons Market by Structure: Soft Exoskeletons, 2022-2032, \$ mn

Figure 68. Global Powered Exoskeletons Market by Structure: Soft Exoskeletons, 2022-2032, units

Figure 69. Breakdown of Global Powered Exoskeletons Market by Vertical, 2022-2032, % of Sales Revenue

Figure 70. Global Addressable Market Cap in 2023-2032 by Vertical, Value (\$ mn) and Share (%)

Figure 71. Breakdown of Global Powered Exoskeletons Market by Vertical, 2022-2032, % of Shipment

Figure 72. Global Addressable Market Cap in 2023-2032 by Vertical, Shipment (units) and Share (%)

Figure 73. Global Powered Exoskeletons Market by Vertical: Healthcare Sector, 2022-2032, \$ mn

Figure 74. Global Powered Exoskeletons Market by Vertical: Healthcare Sector, 2022-2032, units

Figure 75. Global Powered Exoskeletons Market by Healthcare Sector: Rehabilitation, 2022-2032, \$ mn

Figure 76. Global Powered Exoskeletons Market by Healthcare Sector: Mobility Aid, 2022-2032, \$ mn

Figure 77. Global Powered Exoskeletons Market by Vertical: Military Sector, 2022-2032, \$ mn

Figure 78. Global Powered Exoskeletons Market by Vertical: Military Sector, 2022-2032, units

Figure 79. Global Powered Exoskeletons Market by Vertical: Industrial Sector, 2022-2032, \$ mn

Figure 80. Global Powered Exoskeletons Market by Vertical: Industrial Sector, 2022-2032, units

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

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

Figure 83. Global Powered Exoskeletons Market by Industrial Sector: Logistics,

2022-2032, \$ mn

Figure 84. Global Powered Exoskeletons Market by Industrial Sector: Other Industrial Applications, 2022-2032, \$ mn

Figure 85. Global Powered Exoskeletons Market by Vertical: Civilian/Consumer Sector, 2022-2032, \$ mn

Figure 86. Global Powered Exoskeletons Market by Vertical: Military Sector, 2022-2032, units

Figure 87. Global Market Snapshot by Region

Figure 88. Geographic Spread of Worldwide Powered Exoskeletons Market, 2022-2032, % of Sales Revenue

Figure 89. Global Addressable Market Cap in 2023-2032 by Region, Value (\$ mn) and Share (%)

Figure 90. Geographic Spread of Worldwide Powered Exoskeletons Market, 2022-2032, % of Shipment

Figure 91. Global Addressable Market Cap in 2023-2032 by Region, Shipment (units) and Share (%)

Figure 92. North American Powered Exoskeletons Market, 2022-2032, \$ mn

Figure 93. North American Powered Exoskeletons Market, 2022-2032, units

Figure 94. Breakdown of North America Powered Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 95. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 96. Breakdown of North America Powered Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 97. Contribution to North America 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 98. U.S. Powered Exoskeletons Market, 2022-2032, \$ mn

Figure 99. Canada Powered Exoskeletons Market, 2022-2032, \$ mn

Figure 100. Powered Exoskeletons Market in Mexico, 2022-2032, \$ mn

Figure 101. European Powered Exoskeletons Market, 2022-2032, \$ mn

Figure 102. European Powered Exoskeletons Market, 2022-2032, units

Figure 103. Breakdown of European Powered Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 104. Contribution to Europe 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 105. Breakdown of European Powered Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 106. Contribution to Europe 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

- Figure 107. Powered Exoskeletons Market in Germany, 2022-2032, \$ mn
- Figure 108. Powered Exoskeletons Market in U.K., 2022-2032, \$ mn
- Figure 109. Powered Exoskeletons Market in France, 2022-2032, \$ mn
- Figure 110. Powered Exoskeletons Market in Spain, 2022-2032, \$ mn
- Figure 111. Powered Exoskeletons Market in Italy, 2022-2032, \$ mn
- Figure 112. Powered Exoskeletons Market in Russia, 2022-2032, \$ mn
- Figure 113. Powered Exoskeletons Market in Rest of Europe, 2022-2032, \$ mn
- Figure 114. Asia-Pacific Powered Exoskeletons Market, 2022-2032, \$ mn
- Figure 115. Asia-Pacific Powered Exoskeletons Market, 2022-2032, units
- Figure 116. Breakdown of APAC Powered Exoskeletons Market by Country/Region, 2022 and 2032, % of Revenue
- Figure 117. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)
- Figure 118. Breakdown of APAC Powered Exoskeletons Market by Country/Region, 2022 and 2032, % of Shipment
- Figure 119. Contribution to APAC 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)
- Figure 120. Powered Exoskeletons Market in Japan, 2022-2032, \$ mn
- Figure 121. Powered Exoskeletons Market in China, 2022-2032, \$ mn
- Figure 122. Powered Exoskeletons Market in Australia, 2022-2032, \$ mn
- Figure 123. Powered Exoskeletons Market in India, 2022-2032, \$ mn
- Figure 124. Powered Exoskeletons Market in South Korea, 2022-2032, \$ mn
- Figure 125. Powered Exoskeletons Market in Rest of APAC, 2022-2032, \$ mn
- Figure 126. South America Powered Exoskeletons Market, 2022-2032, \$ mn
- Figure 127. South America Powered Exoskeletons Market, 2022-2032, units
- Figure 128. Breakdown of South America Powered Exoskeletons Market by Country, 2022 and 2032, % of Revenue
- Figure 129. Contribution to South America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)
- Figure 130. Breakdown of South America Powered Exoskeletons Market by Country, 2022 and 2032, % of Shipment
- Figure 131. Contribution to South America 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)
- Figure 132. Powered Exoskeletons Market in Argentina, 2022-2032, \$ mn
- Figure 133. Powered Exoskeletons Market in Brazil, 2022-2032, \$ mn
- Figure 134. Powered Exoskeletons Market in Chile, 2022-2032, \$ mn
- Figure 135. Powered Exoskeletons Market in Rest of South America, 2022-2032, \$ mn
- Figure 136. Powered Exoskeletons Market in Middle East and Africa (MEA), 2022-2032, \$ mn

Figure 137. Powered Exoskeletons Market in Middle East and Africa (MEA), 2022-2032, units

Figure 138. Breakdown of MEA Powered Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 139. Contribution to MEA 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 140. Breakdown of MEA Powered Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 141. Contribution to MEA 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 142. Powered Exoskeletons Market in Israel, 2022-2032, \$ mn

Figure 143. Powered Exoskeletons Market in Saudi Arabia, 2022-2032, \$ mn

Figure 144. Powered Exoskeletons Market in South Africa, 2022-2032, \$ mn

Figure 145. Growth Stage of Global Powered Exoskeletons Industry over the Forecast Period

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