

Europe Military Exoskeletons Market 2022-2032 by Offering (Hardware, Software, Service), Function (Upper Body, Lower Body, Full Body), Power (Active/Powered, Passive), Structure (Rigid, Soft), and Country: Trend Forecast and Growth Opportunity

https://marketpublishers.com/r/E601A6665EA9EN.html

Date: July 2023

Pages: 129

Price: US\$ 2,448.00 (Single User License)

ID: E601A6665EA9EN

Abstracts

Europe military exoskeletons market was valued at \$40.4 million in 2022 and will grow by 27.3% annually over 2022-2032, driven by the increasing warfare and regional conflicts, the technological advancements in exoskeleton industry, and an increasing focus on the safety and efficiency of dismounted soldiers.

Highlighted with 38 tables and 68 figures, this 129-page report "Europe Military Exoskeletons Market 2022-2032 by Offering (Hardware, Software, Service), Function (Upper Body, Lower Body, Full Body), Power (Active/Powered, Passive), Structure (Rigid, Soft), and Country: Trend Forecast and Growth Opportunity" is based on a comprehensive research of the entire Europe military 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 Europe 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 Europe military exoskeletons market in every aspect of the classification from perspectives of Offering, Function, Power, Structure, and Country.

Based on Offering, the Europe 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 Europe 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 Power, the Europe 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

Mechanical Actuator

Other Types

Passive Exoskeletons

By Structure, the Europe 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



Geographically, the following national/local markets are fully investigated:

Germany

UK

France

Spain

Italy

Russia

Rest of Europe (further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Function, Power, and Structure 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:

Aselsan AS

BAE Systems PLC

Bionic Power Inc.

Dephy Inc.

Lockheed Martin Corporation

Mawashi Science & Technology

Northrop Grumman Corporation

Raytheon Technologies Corporation

Revision Inc.

Rostec Corp.

Safran S.A.

Sarcos Corporation

SRI International Inc.

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 EUROPE 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 EUROPE 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 EUROPE MARKET BY POWER

- 5.1 Market Overview by Power
- 5.2 Active/Powered Exoskeletons
 - 5.2.1 Electric Actuator
 - 5.2.2 Pneumatic Actuator
 - 5.2.3 Hydraulic Actuator
 - 5.2.4 Fuel Cell Actuator
 - 5.2.5 Other Types
- 5.3 Passive Exoskeletons

6 SEGMENTATION OF EUROPE MARKET BY STRUCTURE

- 6.1 Market Overview by Structure
- 6.2 Rigid Exoskeletons
- 6.3 Soft Exoskeletons

7 EUROPEAN MARKET 2022-2032 BY COUNTRY

- 7.1 Overview of European Market
- 7.2 Germany
- 7.3 U.K.
- 7.4 France
- 7.5 Spain
- 7.6 Italy
- 7.7 Russia
- 7.8 Rest of European Market

8 COMPETITIVE LANDSCAPE

8.1 Overview of Key Vendors



8.2 New Product Launch, Partnership, Investment, and M&A

8.3 Company Profiles

Aselsan AS

BAE Systems PLC

Bionic Power Inc.

Dephy Inc.

Lockheed Martin Corporation

Mawashi Science & Technology

Northrop Grumman Corporation

Raytheon Technologies Corporation

Revision Inc.

Rostec Corp.

Safran S.A.

Sarcos Corporation

SRI International Inc.

US Bionics Inc. (Suitx)

RELATED REPORTS



List Of Tables

LIST OF TABLES:

- Table 1. Snapshot of Europe Military 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. Main Product Trends and Market Opportunities in Europe Military Exoskeletons Market
- Table 6. Europe Military Exoskeletons Market by Offering, 2022-2032, \$ mn
- Table 7. Europe Military Exoskeletons Market: Hardware by Type, 2022-2032, \$ mn
- Table 8. Europe Military Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 9. Europe Military Exoskeletons Market by Function, 2022-2032, units
- Table 10. Europe Military Exoskeletons Market by Power, 2022-2032, \$ mn
- Table 11. Europe Military Exoskeletons Market by Power, 2022-2032, units
- Table 12. Europe Military Exoskeletons Market: Active/Powered Exoskeletons by Type, 2022-2032, \$ mn
- Table 13. Europe Military Exoskeletons Market by Structure, 2022-2032, \$ mn
- Table 14. Europe Military Exoskeletons Market by Structure, 2022-2032, units
- Table 15. Europe Military Exoskeletons Market by Country, 2022-2032, \$ mn
- Table 16. Europe Military Exoskeletons Market by Country, 2022-2032, units
- Table 17. Germany Military Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 18. Germany Military Exoskeletons Market by Power, 2022-2032, \$ mn
- Table 19. Germany Military Exoskeletons Market by Structure, 2022-2032, \$ mn
- Table 20. U.K. Military Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 21. U.K. Military Exoskeletons Market by Power, 2022-2032, \$ mn
- Table 22. U.K. Military Exoskeletons Market by Structure, 2022-2032, \$ mn
- Table 23. France Military Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 24. France Military Exoskeletons Market by Power, 2022-2032, \$ mn
- Table 25. France Military Exoskeletons Market by Structure, 2022-2032, \$ mn
- Table 26. Spain Military Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 27. Spain Military Exoskeletons Market by Power, 2022-2032, \$ mn
- Table 28. Spain Military Exoskeletons Market by Structure, 2022-2032, \$ mn
- Table 29. Italy Military Exoskeletons Market by Function, 2022-2032, \$ mn
- Table 30. Italy Military Exoskeletons Market by Power, 2022-2032, \$ mn
- Table 31. Italy Military Exoskeletons Market by Structure, 2022-2032, \$ mn
- Table 32. Russia Military Exoskeletons Market by Function, 2022-2032, \$ mn



Table 33. Russia Military Exoskeletons Market by Power, 2022-2032, \$ mn

Table 34. Russia Military Exoskeletons Market by Structure, 2022-2032, \$ mn

Table 35. Military Exoskeletons Market in Rest of Europe by Country, 2022-2032, \$ mn

Table 36. Aselsan AS: Company Snapshot

Table 37. Aselsan AS: Business Segmentation

Table 38. Aselsan AS: Product Portfolio



List Of Figures

LIST OF FIGURES:

- Figure 1. Exemplary Pictures of Military Exoskeletons
- Figure 2. Research Method Flow Chart
- Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation
- Figure 4. Europe Market Forecast in Optimistic, Conservative and Balanced
- Perspectives, 2022-2032
- Figure 5. Industry Value Chain Analysis
- Figure 6. Europe Military Exoskeletons Market by Revenue, 2022-2032, \$ mn
- Figure 7. Europe Military Exoskeletons Market by Shipment, 2022-2032, units
- Figure 8. Europe ASP of Military Exoskeletons, 2022-2032, thousand USD/unit
- Figure 9. Impact of COVID-19 on Business
- Figure 10. Primary Drivers and Impact Factors of Europe Military Exoskeletons Market
- Figure 11. World Military Expenditure by Region, 1988–2022, \$ billion
- Figure 12. The Share of World Military Expenditure of the 15 Countries with the Highest Spending in 2022
- Figure 13. Primary Restraints and Impact Factors of Europe Military Exoskeletons Market
- Figure 14. Investment Opportunity Analysis
- Figure 15. Porter's Fiver Forces Analysis of Europe Military Exoskeletons Market
- Figure 16. Breakdown of Europe Military Exoskeletons Market by Offering, 2022-2032, % of Revenue
- Figure 17. Europe Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)
- Figure 18. Europe Military Exoskeletons Market by Offering: Hardware, 2022-2032, \$ mn
- Figure 19. Europe Military Exoskeletons Market by Hardware: Sensors, 2022-2032, \$ mn
- Figure 20. Europe Military Exoskeletons Market by Hardware: Actuators, 2022-2032, \$ mn
- Figure 21. Europe Military Exoskeletons Market by Hardware: Power Sources, 2022-2032, \$ mn
- Figure 22. Europe Military Exoskeletons Market by Hardware: Controllers, 2022-2032, \$ mn
- Figure 23. Europe Military Exoskeletons Market by Hardware: Other Hardware, 2022-2032, \$ mn
- Figure 24. Europe Military Exoskeletons Market by Offering: Software, 2022-2032, \$ mn



Figure 25. Europe Military Exoskeletons Market by Offering: Services, 2022-2032, \$ mn Figure 26. Breakdown of Europe Military Exoskeletons Market by Function, 2022-2032,

% of Sales Revenue

Figure 27. Europe Addressable Market Cap in 2023-2032 by Function, Value (\$ mn) and Share (%)

Figure 28. Breakdown of Europe Military Exoskeletons Market by Function, 2022-2032, % of Shipment

Figure 29. Europe Addressable Market Cap in 2023-2032 by Function, Shipment (units) and Share (%)

Figure 30. Europe Military Exoskeletons Market by Function: Upper Body Exoskeletons, 2022-2032, \$ mn

Figure 31. Europe Military Exoskeletons Market by Function: Upper Body Exoskeletons, 2022-2032, units

Figure 32. Europe Military Exoskeletons Market by Function: Lower Body Exoskeletons, 2022-2032, \$ mn

Figure 33. Europe Military Exoskeletons Market by Function: Lower Body Exoskeletons, 2022-2032, units

Figure 34. Europe Military Exoskeletons Market by Function: Full Body Exoskeletons, 2022-2032, \$ mn

Figure 35. Europe Military Exoskeletons Market by Function: Full Body Exoskeletons, 2022-2032, units

Figure 36. Breakdown of Europe Military Exoskeletons Market by Power, 2022-2032, % of Revenue

Figure 37. Europe Addressable Market Cap in 2023-2032 by Power, Value (\$ mn) and Share (%)

Figure 38. Breakdown of Europe Military Exoskeletons Market by Power, 2022-2032, % of Shipment

Figure 39. Europe Addressable Market Cap in 2023-2032 by Power, Shipment (units) and Share (%)

Figure 40. Europe Military Exoskeletons Market by Power: Active/Powered Exoskeletons, 2022-2032, \$ mn

Figure 41. Europe Military Exoskeletons Market by Power: Active/Powered Exoskeletons, 2022-2032, units

Figure 42. Europe Military Exoskeletons Market by Active/Powered Exoskeletons: Electric Actuator, 2022-2032, \$ mn

Figure 43. Europe Military Exoskeletons Market by Active/Powered Exoskeletons:

Pneumatic Actuator, 2022-2032, \$ mn

Figure 44. Europe Military Exoskeletons Market by Active/Powered Exoskeletons: Hydraulic Actuator, 2022-2032, \$ mn



Figure 45. Europe Military Exoskeletons Market by Active/Powered Exoskeletons: Fuel Cell Actuator, 2022-2032, \$ mn

Figure 46. Europe Military Exoskeletons Market by Active/Powered Exoskeletons: Other Types, 2022-2032, \$ mn

Figure 47. Europe Military Exoskeletons Market by Power: Passive Exoskeletons, 2022-2032, \$ mn

Figure 48. Europe Military Exoskeletons Market by Power: Passive Exoskeletons, 2022-2032, units

Figure 49. Breakdown of Europe Military Exoskeletons Market by Structure, 2022-2032, % of Revenue

Figure 50. Europe Addressable Market Cap in 2023-2032 by Structure, Value (\$ mn) and Share (%)

Figure 51. Breakdown of Europe Military Exoskeletons Market by Structure, 2022-2032, % of Shipment

Figure 52. Europe Addressable Market Cap in 2023-2032 by Structure, Shipment (units) and Share (%)

Figure 53. Europe Military Exoskeletons Market by Structure: Rigid Exoskeletons, 2022-2032, \$ mn

Figure 54. Europe Military Exoskeletons Market by Structure: Rigid Exoskeletons, 2022-2032, units

Figure 55. Europe Military Exoskeletons Market by Structure: Soft Exoskeletons, 2022-2032, \$ mn

Figure 56. Europe Military Exoskeletons Market by Structure: Soft Exoskeletons, 2022-2032, units

Figure 57. Breakdown of European Military Exoskeletons Market by Country, 2022 and 2032, % of Revenue

Figure 58. Contribution to Europe 2023-2032 Cumulative Market by Country, Value (\$mn) and Share (%)

Figure 59. Breakdown of European Military Exoskeletons Market by Country, 2022 and 2032, % of Shipment

Figure 60. Contribution to Europe 2023-2032 Cumulative Market by Country, Shipment (units) and Share (%)

Figure 61. Military Exoskeletons Market in Germany, 2022-2032, \$ mn

Figure 62. Military Exoskeletons Market in U.K., 2022-2032, \$ mn

Figure 63. Military Exoskeletons Market in France, 2022-2032, \$ mn

Figure 64. Military Exoskeletons Market in Spain, 2022-2032, \$ mn

Figure 65. Military Exoskeletons Market in Italy, 2022-2032, \$ mn

Figure 66. Military Exoskeletons Market in Russia, 2022-2032, \$ mn

Figure 67. Military Exoskeletons Market in Rest of Europe, 2022-2032, \$ mn



Figure 68. Growth Stage of Europe Military Exoskeletons Industry over the Forecast Period



I would like to order

Product name: Europe Military Exoskeletons Market 2022-2032 by Offering (Hardware, Software,

Service), Function (Upper Body, Lower Body, Full Body), Power (Active/Powered,

Passive), Structure (Rigid, Soft), and Country: Trend Forecast and Growth Opportunity

Product link: https://marketpublishers.com/r/E601A6665EA9EN.html

Price: US\$ 2,448.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/E601A6665EA9EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below



and fax the completed form to +44 20 7900 3970