

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.)

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Axosuits SRL

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B-Temia Inc.

Cyberdyne Inc.

DIH Technologies Corporation

Ekso Bionics Holdings Inc.

Gogo 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.

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