

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.)

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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.

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