

North America 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 Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/N0A9D060599AEN.html>

Date: June 2023

Pages: 161

Price: US\$ 2,465.00 (Single User License)

ID: N0A9D060599AEN

Abstracts

North America robotic exoskeletons market is projected to grow by 32.5% annually in the forecast period and reach \$7.8 billion by 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.

Highlighted with 38 tables and 93 figures, this 161-page report “North America 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 Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America 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 North America 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 North America robotic exoskeletons market in every aspect of the classification from perspectives of Offering, Function, Mobility, Power, Structure, Vertical, and Country.

Based on Offering, the North America 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 North America 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 North America 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 North America 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 North America 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 North America 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 national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) and sales volume (units) are available for 2022-2032. The breakdown of national markets 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
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

(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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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.

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