

North America Soft Robotics Market 2021-2031 by Component (Hardware, Software, Services), Robot Type (Grippers, Exoskeletons, Cobots, Inflated Robots, Others), Mobility (Stationery, Mobile), Application, Industry Vertical, Organization Size, and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America soft robotics market is projected to grow by 33.4% annually in the forecast period and reach \$ 6,372.4 million by 2031, driven by the mounting demand for safety and automation in numerous end-user industries, rapid advancements in robotic technology, increasing benefits from the novel soft robotics, and the growing R&D investments along with government supports.

Highlighted with 25 tables and 57 figures, this 113-page report “North America Soft Robotics Market 2021-2031 by Component (Hardware, Software, Services), Robot Type (Grippers, Exoskeletons, Cobots, Inflated Robots, Others), Mobility (Stationery, Mobile), Application, Industry Vertical, Organization Size, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America soft robotics 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 2018-2021 and provides forecast from 2022 till 2031 with 2021 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 soft robotics market in every aspect of the classification from perspectives of Component, Robot Type, Mobility, Application, Industry Vertical, Organization Size, and Country.

Based on Component, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Hardware

Actuators

Sensors

Controls

Modeling and Manufacturing Systems

Other Hardware

Software

Services

Based on Robot Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Soft Robotic Grippers

Exoskeletons

Collaborative Robots (Cobots)

Inflated Robots

Other Robot Types

By Mobility, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Stationery Soft Robotics

Mobile Soft Robotics

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Human-machine Interface and Interaction

Medical and Surgical Applications

Locomotion and Exploration

Manipulation

Rehabilitation and Wearable Robots

By Industry Vertical, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Healthcare

Automotive

Food & Beverage

Advanced Manufacturing

Retail & E-commerce

Defense

Other Industry Verticals

By Organization Size, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

SMEs

Large Enterprises

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) are available for 2021-2031. The breakdown of national markets by Component, Robot Type and Industry Vertical over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Bioservo Technologies AB

Cyberdyne Inc.

Ekso Bionics Holdings Inc.

F&P Robotics AG

FANUC Corporation

Festo AG

Pneubotics Inc.

Rewalk Robotics Ltd.

Righthand Robotics Inc.

Roam Robotics

Soft Robotics Inc.

Universal Robots A/S

Yaskawa Electric Corporation

(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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