

North America Welding Robotics Market 2022-2032 by Offering (Hardware, Software, Services), Robot Type, Application (Spot, Arc, Laser, Plasma, Others), Payload (150 kg), Industry Vertical, and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America welding robotics market is projected to grow by 7.0% annually in the forecast period and reach \$4.41 billion (a total revenue of hardware, software, and service) by 2032, driven by the emerging Industry 4.0, a large scope for AI innovation, an increasing automation in the welding operations, and the rising adoption of robotic welding across various industries to improve the productivity and safety.

Highlighted with 29 tables and 85 figures, this 155-page report “North America Welding Robotics Market 2022-2032 by Offering (Hardware, Software, Services), Robot Type, Application (Spot, Arc, Laser, Plasma, Others), Payload (150 kg), Industry Vertical, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America welding 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 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 welding robotics market in every aspect of the classification from perspectives of Offering, Robot Type, Application, Payload, Industry 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

Robots

End of Arm Tooling (EOAT) Devices

Controllers

Power Sources

Other Hardware

Software

Services

Based on Robot Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Articulated Robots

Cartesian Robots

SCARA Robots

Rectilinear Robots

Collaborative Robots

Other Robot Types

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Spot Welding

Arc Welding

Laser Welding

Plasma Welding

Other Applications

By Payload, the North America market is segmented into the following sub-markets with

annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Low Payload (Medium Payload (50-150 kg)

High Payload (>150 kg)

By Industry Vertical, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Automotive and Transportation

Electricals & Electronics

Metal & Machinery

Aerospace and Defense

Other Industry Verticals

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 shipment (thousand units) are available for 2022-2032. The breakdown of national markets by Robot Type, Application, and Industry 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:

ABB Ltd.

Comau S.p.A

Daihen Corp.

Denso Corporation

EFORT Intelligent Equipment

Fanuc Corp.

Hyundai Robotics

Kawasaki Robotics Inc.

KUKA (Midea Group)

Nachi Fujikoshi Corp.

Reis Robotics

Siasun

STEP Electric Corporation

Toshiba Machine Co., Ltd.

Universal Robots

Yaskawa Electric Corp.

(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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