

North America Aerospace Robotics Market 2022-2032 by Offering (Robots, Software, Services), Robot Type (Articulated, Parallel, Cartesian, SCARA, Cobots), Component (Controller, Sensor, Drive, End Effector, Arm Processor), Payload (Up to 16 kg, 16.01–60 kg, 60.01–225 kg, Over 225 kg), Application, and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America aerospace robotics market is projected to grow by 10.1% annually in the forecast period and reach \$2.39 billion by 2032. The growth is driven by an increase in North America aircraft demand and manufacturing, increasing use of robots for efficient aircraft production and aerospace operations, the rising manual labor cost, and improved productivity by robotics-based aerospace automation.

Highlighted with 27 tables and 59 figures, this 128-page report “North America Aerospace Robotics Market 2022-2032 by Offering (Robots, Software, Services), Robot Type (Articulated, Parallel, Cartesian, SCARA, Cobots), Component (Controller, Sensor, Drive, End Effector, Arm Processor), Payload (Up to 16 kg, 16.01–60 kg, 60.01–225 kg, Over 225 kg), Application, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America aerospace 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 aerospace robotics market in every aspect of the classification from perspectives of Offering, Robot Type, Component, Payload, Application, 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.

Robots & Peripherals

Software

Services

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

Articulated Robots

Parallel Robots

Linear/Cartesian Robots

SCARA Robots

Collaborative Robots (Cobots)

Other Robot Types

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

Controller

Sensor

Drive

End Effector

Welding Guns

Grippers

Robotic Screwdrivers

Sanding & Deburring Tools

Specialty & Hybrid End Effectors

Other End Effectors

Arm Processor

Other Components

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

Up to 16.00 kg

16.01–60.00 kg

60.01–225.00 kg

More than 225.00 kg

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

Material Handling

Drilling & Fastening

Soldering & Welding

Assembling & Disassembling

Painting & Dispensing

Cutting & Processing

Non-Destructive Testing & Inspection

Other Applications

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 2022-2032. The breakdown of national markets by Robot Type, Component, and Application 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.

Boston Dynamics

Comau S.p.A.

Electroimpact Inc.

FANUC Corporation

Festo Inc.

General Electric Company

Gudel Group AG

JH Robotics Inc.

Kawasaki Heavy Industries Ltd.

KUKA AG (Midea Group)

Mtorres

Nachi-Fujikoshi Corp.

Oliver Crispin Robotics Limited

Omron Adept Technology Inc.

Seiko Epson Corp.

Staubli International AG

Teradyne 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.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF NORTH AMERICA MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Robots & Peripherals
- 3.3 Software
- 3.4 Services

4 SEGMENTATION OF NORTH AMERICA MARKET BY ROBOT TYPE

- 4.1 Market Overview by Robot Type
- 4.2 Articulated Robots

- 4.3 Parallel Robots
- 4.4 Linear/Cartesian Robots
- 4.5 SCARA Robots
- 4.6 Collaborative Robots (Cobots)
- 4.7 Other Robot Types

5 SEGMENTATION OF NORTH AMERICA MARKET BY COMPONENT

- 5.1 Market Overview by Component
- 5.2 Controller
- 5.3 Sensor
- 5.4 Drive
- 5.5 End Effector
 - 5.5.1 Welding Guns
 - 5.5.2 Grippers
 - 5.5.3 Robotic Screwdrivers
 - 5.5.4 Sanding & Deburring Tools
 - 5.5.5 Specialty & Hybrid End Effectors
 - 5.5.6 Other End Effectors
- 5.6 Arm Processor
- 5.7 Other Components

6 SEGMENTATION OF NORTH AMERICA MARKET BY PAYLOAD

- 6.1 Market Overview by Payload
- 6.2 Up to 16.00 kg
- 6.3 16.01–60.00 kg
- 6.4 60.01–225.00 kg
- 6.5 More than 225.00 kg

7 SEGMENTATION OF NORTH AMERICA MARKET BY APPLICATION

- 7.1 Market Overview by Application
- 7.2 Material Handling
- 7.3 Drilling & Fastening
- 7.4 Soldering & Welding
- 7.5 Assembling & Disassembling
- 7.6 Painting & Dispensing
- 7.7 Cutting & Processing

7.8 Non-Destructive Testing & Inspection

7.9 Other Applications

8 NORTH AMERICA MARKET 2022-2032 BY COUNTRY

8.1 Overview of North America Market

8.2 U.S.

8.3 Canada

8.4 Mexico

9 COMPETITIVE LANDSCAPE

9.1 Overview of Key Vendors

9.2 New Product Launch, Partnership, Investment, and M&A

9.3 Company Profiles

ABB Ltd.

Boston Dynamics

Comau S.p.A.

Electroimpact Inc.

FANUC Corporation

Festo Inc.

General Electric Company

Gudel Group AG

JH Robotics Inc.

Kawasaki Heavy Industries Ltd.

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Nachi-Fujikoshi Corp.

Oliver Crispin Robotics Limited

Omron Adept Technology Inc.

Seiko Epson Corp.

Staubli International AG

Teradyne Inc.

Universal Robots A/S

Yaskawa Electric Corporation

RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1. Snapshot of North America Aerospace Robotics Market in Balanced Perspective, 2022-2032
Table 2. World Economic Outlook, 2021-2031
Table 3. World Economic Outlook, 2021-2023
Table 4. Scenarios for Economic Impact of Ukraine Crisis
Table 5. Main Product Trends and Market Opportunities in North America Aerospace Robotics Market
Table 6. North America Aerospace Robotics Market by Offering, 2022-2032, \$ mn
Table 7. North America Aerospace Robotics Market by Robot Type, 2022-2032, \$ mn
Table 8. North America Aerospace Robotics Market by Component, 2022-2032, \$ mn
Table 9. North America Aerospace Robotics Market: End Effectors by Type, 2022-2032, \$ mn
Table 10. North America Aerospace Robotics Market by Payload, 2022-2032, \$ mn
Table 11. North America Aerospace Robotics Market by Application, 2022-2032, \$ mn
Table 12. North America Aerospace Robotics Market by Country, 2022-2032, \$ mn
Table 13. U.S. Aerospace Robotics Market by Robot Type, 2022-2032, \$ mn
Table 14. U.S. Aerospace Robotics Market by Component, 2022-2032, \$ mn
Table 15. U.S. Aerospace Robotics Market by Application, 2022-2032, \$ mn
Table 16. Canada Aerospace Robotics Market by Robot Type, 2022-2032, \$ mn
Table 17. Canada Aerospace Robotics Market by Component, 2022-2032, \$ mn
Table 18. Canada Aerospace Robotics Market by Application, 2022-2032, \$ mn
Table 19. Mexico Aerospace Robotics Market by Robot Type, 2022-2032, \$ mn
Table 20. Mexico Aerospace Robotics Market by Component, 2022-2032, \$ mn
Table 21. Mexico Aerospace Robotics Market by Application, 2022-2032, \$ mn
Table 22. Breakdown of World Market by Key Vendor, 2022, %
Table 23. Recent News about Product Launch & Development
Table 24. Recent News about Collaborations & Partnerships
Table 25. ABB Ltd.: Company Snapshot
Table 26. ABB Ltd.: Business Segmentation
Table 27. ABB Ltd.: Product Portfolio

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. North America Aerospace Robotics Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of North America Aerospace Robotics Market

Figure 7. World Smart Factory Market, 2019-2026, \$ mn

Figure 8. Primary Restraints and Impact Factors of North America Aerospace Robotics Market

Figure 9. Investment Opportunity Analysis

Figure 10. Porter's Five Forces Analysis of North America Aerospace Robotics Market

Figure 11. Breakdown of North America Aerospace Robotics Market by Offering, 2022-2032, % of Revenue

Figure 12. North America Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)

Figure 13. North America Aerospace Robotics Market by Offering: Robots & Peripherals, 2022-2032, \$ mn

Figure 14. North America Aerospace Robotics Market by Offering: Software, 2022-2032, \$ mn

Figure 15. North America Aerospace Robotics Market by Offering: Services, 2022-2032, \$ mn

Figure 16. Breakdown of North America Aerospace Robotics Market by Robot Type, 2022-2032, % of Sales Revenue

Figure 17. North America Addressable Market Cap in 2023-2032 by Robot Type, Value (\$ mn) and Share (%)

Figure 18. North America Aerospace Robotics Market by Robot Type: Articulated Robots, 2022-2032, \$ mn

Figure 19. North America Aerospace Robotics Market by Robot Type: Parallel Robots, 2022-2032, \$ mn

Figure 20. North America Aerospace Robotics Market by Robot Type: Linear/Cartesian Robots, 2022-2032, \$ mn

Figure 21. North America Aerospace Robotics Market by Robot Type: SCARA Robots, 2022-2032, \$ mn

Figure 22. North America Aerospace Robotics Market by Robot Type: Collaborative Robots (Cobots), 2022-2032, \$ mn

Figure 23. North America Aerospace Robotics Market by Robot Type: Other Robot Types, 2022-2032, \$ mn

Figure 24. Breakdown of North America Aerospace Robotics Market by Component, 2022-2032, % of Sales Revenue

Figure 25. North America Addressable Market Cap in 2023-2032 by Component, Value (\$ mn) and Share (%)

Figure 26. North America Aerospace Robotics Market by Component: Controller, 2022-2032, \$ mn

Figure 27. North America Aerospace Robotics Market by Component: Sensor, 2022-2032, \$ mn

Figure 28. North America Aerospace Robotics Market by Component: Drive, 2022-2032, \$ mn

Figure 29. North America Aerospace Robotics Market by Component: End Effector, 2022-2032, \$ mn

Figure 30. North America Aerospace Robotics Market by End Effector: Welding Guns, 2022-2032, \$ mn

Figure 31. North America Aerospace Robotics Market by End Effector: Grippers, 2022-2032, \$ mn

Figure 32. North America Aerospace Robotics Market by End Effector: Robotic Screwdrivers, 2022-2032, \$ mn

Figure 33. North America Aerospace Robotics Market by End Effector: Sanding & Deburring Tools, 2022-2032, \$ mn

Figure 34. North America Aerospace Robotics Market by End Effector: Specialty & Hybrid End Effectors, 2022-2032, \$ mn

Figure 35. North America Aerospace Robotics Market by End Effector: Other End Effectors, 2022-2032, \$ mn

Figure 36. North America Aerospace Robotics Market by Component: Arm Processor, 2022-2032, \$ mn

Figure 37. North America Aerospace Robotics Market by Component: Other Components, 2022-2032, \$ mn

Figure 38. Breakdown of North America Aerospace Robotics Market by Payload, 2022-2032, % of Revenue

Figure 39. North America Addressable Market Cap in 2023-2032 by Payload, Value (\$ mn) and Share (%)

Figure 40. North America Aerospace Robotics Market by Payload: Up to 16.00 kg, 2022-2032, \$ mn

Figure 41. North America Aerospace Robotics Market by Payload: 16.01–60.00 kg,

2022-2032, \$ mn

Figure 42. North America Aerospace Robotics Market by Payload: 60.01–225.00 kg, 2022-2032, \$ mn

Figure 43. North America Aerospace Robotics Market by Payload: More than 225.00 kg, 2022-2032, \$ mn

Figure 44. Breakdown of North America Aerospace Robotics Market by Application, 2022-2032, % of Revenue

Figure 45. North America Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%)

Figure 46. North America Aerospace Robotics Market by Application: Material Handling, 2022-2032, \$ mn

Figure 47. North America Aerospace Robotics Market by Application: Drilling & Fastening, 2022-2032, \$ mn

Figure 48. North America Aerospace Robotics Market by Application: Soldering & Welding, 2022-2032, \$ mn

Figure 49. North America Aerospace Robotics Market by Application: Assembling & Disassembling, 2022-2032, \$ mn

Figure 50. North America Aerospace Robotics Market by Application: Painting & Dispensing, 2022-2032, \$ mn

Figure 51. North America Aerospace Robotics Market by Application: Cutting & Processing, 2022-2032, \$ mn

Figure 52. North America Aerospace Robotics Market by Application: Non-Destructive Testing & Inspection, 2022-2032, \$ mn

Figure 53. North America Aerospace Robotics Market by Application: Other Applications, 2022-2032, \$ mn

Figure 54. Breakdown of North America Aerospace Robotics Market by Country, 2022 and 2032, % of Revenue

Figure 55. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 56. U.S. Aerospace Robotics Market, 2022-2032, \$ mn

Figure 57. Canada Aerospace Robotics Market, 2022-2032, \$ mn

Figure 58. Aerospace Robotics Market in Mexico, 2022-2032, \$ mn

Figure 59. Growth Stage of North America Aerospace Robotics Industry over the Forecast Period

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