

North America Food Robotics Market Report and Forecast 2025-2034

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Report description:

The North America food robotics market reached USD 842.94 Million in 2024. The market is projected to grow at a CAGR of 9.60% between 2025 and 2034, reaching almost USD 2108.15 Million by 2034.

North America Food Robotics Market Growth

Food delivery robots that can self-navigate their path to different customers' households and securely deliver the order upon the receipt of a one-time verification password (OTP) are expected to drive the market growth.

Food processing robots which can handle repetitive tasks like sorting, chopping, and packaging are expected to become increasingly popular in the forecast period. For instance, vision-guided robots, which can sort through different foods and scan barcodes, and robotic dispensing arms, can enhance the safety and efficiency of order handling and dessert decoration.

Fast food restaurants are deploying robot chefs to minimise food preparation time and enhance the variety of food that can be delivered to the customer. The integration of advanced cameras and 3D scanners in robotic machines is enabling them to sense the optimum shape, size, and colour of the food, which maximises its taste. Multifunctional coffee-making machines are expected to become increasingly popular over the forecast period.

The emergence of mobile pizza kitchens operated by robots is expected to influence the market growth favourably, as these vehicles can increase accessibility to hot fast-food meals which are delicious and cost-effective.

New restaurants are utilising smart robots, which help chefs in curating menus and checking the availability of existing ingredients to enable meal preparation from scratch. They also ensure low-calorie content in meals, which enhances food sales among health-conscious consumers.

North America Food Robotics Industry Segmentation

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North America Food Robotics Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments:

Market Breakup by Type

- Articulated
- Parallel
- SCARA
- Cylindrical
- Others

Market Breakup by Payload

- Low
- Medium
- High

Market Breakup by Application

- Packaging
- Repackaging
- Palletising
- Picking
- Processing
- Others

Market Breakup by Country

- United States of America
- Canada

North America Food Robotics Market Share

Based on country, the market can be divided into the United States of America and Canada. Increasing research and investment by key players to automate various processes in the foodservice industry are expected to make Canada a significant region in the market.

Leading Companies in the North America Food Robotics Market

The report provides a detailed analysis of the following key players in the market, covering their competitive landscape and latest developments like mergers and acquisitions, investments, and capacity expansion.

- ABB Ltd.
- Kuka AG

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- Fanuc Corp.
- Kawasaki Heavy Industries Ltd.
- Mitsubishi Electric Corporation
- Yaskawa Electric Corporation
- Universal Robots A/S
- Bastian Solutions, LLC
- Seiko Epson Corporation
- Staubli International AG
- Others

The market players are investing in research activities to drive technological advancements and develop advanced food robotics solutions with enhanced precision, efficiency, consistency, and safety.

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