

Robotic Packaging Machines Market Projected to Reach US\$ 1,888 Million by 2033 with a Strong 6.0% CAGR Surge | FMI

The US robotic packaging machines market is poised for 6.0% CAGR growth, indicating strong expansion opportunities.

NEWARK, DELAWARE, UNITED STATES OF AMERICA, November 13, 2023 /EINPresswire.com/ -- The global [robotic packaging machines market](#) value is estimated to reach US\$ 1,050 million in 2023 and US\$ 1,888 million by 2033. Over the forecast period from 2023 to 2033, global sales of robotic packaging machines are set to thrive at around 6.0% CAGR.



Growing focus on improving productivity and efficiency across sectors such as packaging and food & beverages provides impetus for market growth. Similarly, the high adoption of automation is expected to elevate robotic packaging machine demand through 2033.

By automating repetitive and time-consuming tasks, companies could reduce production times and increase output, ultimately leading to cost savings and improved overall performance. This is a key reason behind the rising sales of robotic packaging machines.

Industry 4.0 emphasizes the integration of various digital technologies and data-driven systems within a smart factory ecosystem. This is creating a conducive environment for developing the robotic packaging machines industry.

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Robotic packaging machines were being designed to seamlessly integrate with other production line components, such as conveyors, sensors, and data analytics software. This integration facilitated real-time data exchange, enhanced monitoring, and optimized coordination of the entire packaging process.

Advancements in robotic packaging machines and integration of novel technologies in these equipment are expected to boost the target market further. Several modern robotic packaging machines are being equipped with cloud connectivity features. This allows manufacturers to monitor and control the machines remotely, access performance data from anywhere, and make

necessary adjustments to optimize operations.

Cloud-based solutions also enable data sharing across multiple sites and improve stakeholder collaboration. Automation and Industry 4.0 have been instrumental in transforming the packaging sector, making it more efficient, agile, and competitive.

Key Takeaways of the Global Robotic Packaging Machines Market

The global robotic packaging machine industry is projected to reach a valuation of US\$ 1,888 million by 2033.

By machine type, the 3 robot segment is estimated to hold more than 39.0% market share in 2033.

By capacity, the upto 300 products per minute segment is set to attain a valuation of US\$ 677.8 million by 2033.

By end use, frozen food segment is projected to hold around 17.0% CAGR by 2033.

Japan robotic packaging machines market size is expected to reach US\$ 170.60 million by 2033.

Robotic packaging machine demand in the United Kingdom is expected to rise at 9.9% CAGR through 2033.

The United States industry is predicted to total US\$ 306.73 million by 2033.

Sales revenue in China is anticipated to reach US\$ 176.76 million by 2033.

Advancements in Artificial Intelligence (AI) and Computer Vision Technologies to Create Growth Prospects for the Market:

AI-powered vision systems allow robotic packaging machines to perform advanced quality control and inspection tasks. These systems could identify defects, discrepancies, and inconsistencies in packaging materials and products with high precision, reducing the chances of faulty or damaged items reaching consumers.

Vision systems equipped with AI algorithms enable robotic packaging machines to recognize and sort products based on their shapes, sizes, and other attributes. This feature is particularly valuable in sectors where products need to be packed differently based on their variations.

The integration of AI and vision systems has made robotic packaging machines more flexible and adaptable. With the ability to "see" and "learn," these machines could quickly adjust to different packaging formats and product types, minimizing downtime and setup efforts during production

changes.

The trend of AI and vision systems integration in robotic packaging machines is driven by the pursuit of greater efficiency, accuracy, and adaptability in packaging processes.

Key Players:

BluePrint Automation
Sealed Air Pack
GERHARD SCHUBERT GMBH
Theegarten-Pactec GmbH & Co. KG
Bradman Lake
Pattyn
PFM Packaging Machinery
IWK Verpackungstechnik GmbH
Cavanna Packaging USA Inc.
FUJI MACHINERY CO., LTD.
Royal Houdijk
Mpack Group
Delkor Systems, Inc,
IMA Group
FOCKE & CO
Ishida Europe Ltd
Cama Group
Clearpack
SERPA PACKAGING SOLUTIONS (ProMach)
Omori Machinery Co., Ltd.
iXAPACK GLOBAL
CT Pack S.r.l (Aretè Cocchi Technology)

For instance,

In October 2020, Switchback Group Inc. a leading United States-based packaging business, was acquired by Mpac.

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Key Segmentations:

By Machine Type:

1 Robot

2 Robot
3 Robot
More than 3 Robot

By Capacity:

Upto 150 Products Per Minute
Upto 300 Products Per Minute
Upto 450 Products Per Minute
More Than 500 Products Per Minute

By End Use:

Snacks
Potato Chips
Tortilla Chips
Extruded Snacks
Nuts & Seeds
Dried Fruits
Meat Snacks
Frozen Food
Potato Product IQF
Fruit and Vegetables IQF
Protein IQF
Fresh and Chilled Food
Fruit and Vegetables
Leaf Salad
Grated Cheese
Confectionery
Jelly
Wrapped Confectionery
Other Confectionery (Hard Candy, etc.)
Chocolate & Bars
Chocolate Lentils
Naked Chocolate
Wrapped Chocolate
Cereals
Extruded Cereals
Flakes
Muesli
Bakery
Cake
Bread

Frozen Bakery
Cookies & Crackers
Cookies
Biscuits
Crackers
Powder
Infant Nutrition
Instant Drinks
Other Food Powder (Baking Mix, etc.)
Coffee & Tea
Ground Coffee
Whole Bean Coffee
Coffee Pods
Pet Food
Dry Pet Food
Dental Chews
Wet Pet Food
Other Food
Pasta
Rice
Beans and Lentils
Salt
Sugar
Herbs & Spices

Explore wide-ranging Coverage of FMI's Packaging Market Insights Landscape

The [FMCG packaging market](#) is anticipated to cross a value of US\$ 778.7 billion by 2033.

The global [beverage packaging market](#) is expected to be worth US\$ 164 billion by 2033, exhibiting a CAGR of 4.2%.

About Future Market Insights (FMI)

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