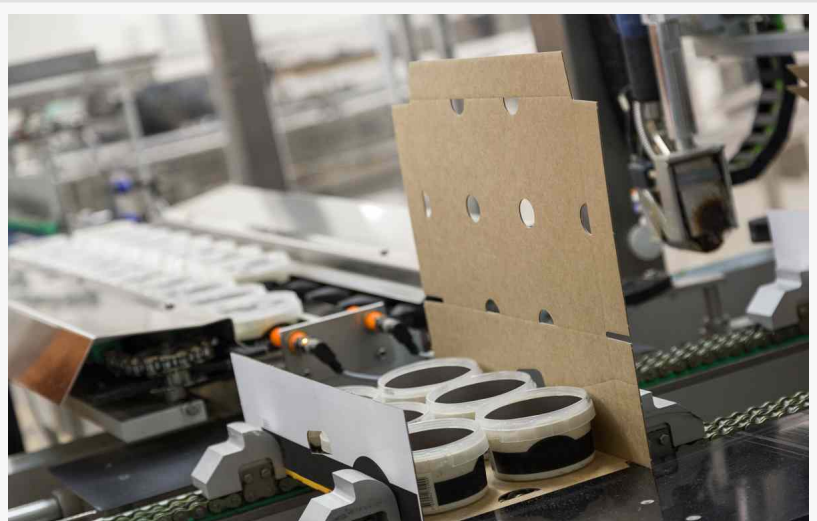


Packaging Automation Market Outlook: 3.7% CAGR Driving Growth to US\$ 52.2 Billion by 2032

Packaging Automation Market to Reach US\$ 52.2 Bn by 2032, Growing at a 3.7% CAGR from US\$ 37.5 Bn in 2023

WILMINGTON, DE, UNITED STATES,
December 18, 2024 /

EINPresswire.com/ -- The global [packaging automation market](#) was valued at US\$ 37.5 Bn in 2023 and is estimated to grow at a CAGR of 3.7% from 2024 to 2032, reaching approximately US\$ 52.2 Bn by the end of 2032.



Packaging Automation Market

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Analyst Viewpoint



Packaging Automation Market Outlook 2032: Valued at US\$ 37.5 Bn in 2023, the market is estimated to grow at a CAGR of 3.7%, reaching US\$ 52.2 Bn by 2032"

Transparency Market Research

The increasing adoption of advanced packaging technologies is driving efficiency across industries, which, in turn, is propelling market growth. Automation enhances accuracy, reduces human error, and improves productivity in packaging operations. Additionally, the rapid expansion of the ecommerce sector is creating significant demand for automated solutions to optimize logistics, reduce transportation costs, and enhance fulfillment processes.

Key players in the market are developing data-driven robotic systems for packaging and logistics automation,

alongside dynamic and flexible solutions to cater to small parts storage and light goods

logistics.

Market Introduction

Packaging automation integrates advanced technology and equipment into the packaging process to boost efficiency, reduce material waste, and optimize resource allocation. It involves fully automated systems and semi-automated solutions:

- Semi-automated systems: Combine automation with human intervention, making them suitable for companies with limited budgets.
- Fully automated systems: Pre-programmed to manage the entire process, including picking, packing, and palletizing goods for delivery.

The demand for automation in packaging is increasing across industries such as food and beverages, ecommerce, healthcare, retail, and consumer goods.

Market Drivers

1. Increase in Efficiency through Advanced Packaging Technologies

Automation technologies enhance various aspects of the packaging process, including filling, labeling, sealing, and palletizing. These systems replace manual operations, resulting in improved speed, accuracy, and safety.

- Labor Cost Reduction: Automated systems help manufacturers reduce dependency on labor, cutting long-term costs.
- Waste Minimization: Technologies such as intelligent packaging enable real-time tracking and reduce material waste.

For example, the food industry benefits significantly from automation to ensure compliance with safety standards. Automated systems enhance traceability, enabling manufacturers to identify and isolate defective products quickly, minimizing risks.

In the pharmaceutical and chemical sectors, filling machines ensure accurate and consistent product packaging while reducing manual intervention. These machines integrate seamlessly with automated capping, sealing, and labeling systems.

2. Robust Expansion in Ecommerce Sector

The ecommerce sector is witnessing rapid growth, driven by changing consumer shopping habits. Packaging automation enables businesses to:

- Customize packaging to protect items during transit and improve brand presentation.
- Streamline fulfillment processes, expediting delivery times and improving customer

satisfaction.

- Enhance sustainability by minimizing material waste and optimizing inventory management.

Retailers are investing in advanced solutions to meet increasing demand. For instance:

- In 2023, Amazon began testing automated machines to produce on-demand, made-to-measure paper bags, reducing pack volume, weight, and carbon emissions across European operations.

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Regional Outlook

Leading Region: Europe

Europe dominated the market in 2023, driven by growing adoption of advanced technologies, including autonomous robots and digital manufacturing systems. Key factors include:

- Worker Safety: Adoption of automation to reduce manual labor risks.
- Sustainability: Surge in on-demand, eco-friendly packaging solutions.

For instance, in November 2023, SEE (formerly Sealed Air) introduced the CRYOVAC Brand 308A CE Vertical Form-Fill-Seal System, designed for liquid packaging with improved efficiency and minimal waste.

Key Developments in the Market

- Swisslog Holding AG (2023): Selected as the lead integrator for Bartels-Langness' new automated warehouse project in Germany worth €13.9 Mn.
- Rockwell Automation & Comau Partnership (2021): Focused on offering smarter solutions for industrial robot applications.
- EndFlex Packaging Machinery (July 2023): Launched a turnkey system for picking, placing, and sealing bottles in cartons.

Competitive Landscape

Key players in the global packaging automation market include:

1. ABB Ltd.
2. Rockwell Automation Inc.
3. Schneider Electric SE
4. Siemens AG

5. Mitsubishi Electric Corporation
6. Swisslog Holding AG
7. Beumer Group
8. Automated Packaging Systems Inc.

These companies are focused on product innovation, sustainability, and automation integration to cater to dynamic market demands. Strategies include launching vision systems, flexible software, and customized packaging automation solutions across key industries.

Market Segmentation

By Application

- Palletizing
- Labeling
- Filling
- Capping
- Wrapping
- Others

By Type

- Packaging Robots
- Automated Packagers
- Automated Conveyors

By End-user

- Logistics
- Food & Beverages
- Healthcare
- Retail
- Electronics
- Automotive
- Others

Conclusion

The packaging automation market is set to grow steadily, driven by increasing efficiency through advanced technologies, rising demand in the ecommerce sector, and robust adoption of sustainable packaging solutions. Europe remains a frontrunner, with key players focusing on innovation and customization to meet evolving industry needs. As industries continue to embrace automation, significant opportunities lie in sectors like food and beverages, healthcare,

and logistics, propelling market expansion over the next decade.

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