

Auto-Boxing Technology Market Anticipated to Grow at 8.6% CAGR Through 2029: Industry Report

The Business Research Company's Auto-Boxing Technology Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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/EINPresswire.com/ -- How Big Is The Auto-Boxing Technology Market In 2025?

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The [market size of auto-boxing technology](#) has seen significant expansion in recent times. The prediction shows growth from \$2.21 billion in 2024 to an estimated \$2.41 billion in 2025, evidencing a compound annual growth rate (CAGR) of 8.9%. The factors determining this upward

trend in the historical period include growing customer demand for efficient packaging operations, increase in e-commerce and retail fulfillment centers, escalating labor costs prompting the push for automation, a boost in consumption of packaged goods across various sectors, growth of global logistics and warehousing infrastructure, and escalating emphasis on the quality and consistency in packaging.

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Anticipated robust expansion in the approaching years will see the auto-boxing technology market reaching a value of \$3.35 billion by 2029, with a compound annual growth rate

of 8.6%. Factors leading to the growth during this projected period include an uptick in the requirement for sustainable and eco-friendly packaging options, a rise in investments within automated fulfillment centres, increased focus on cost management in supply chain processes, a swell in demand for bespoke packaging models, the proliferation of the online grocery and instant commerce sectors, and an escalating goal to reduce packaging waste and inefficiencies. The future forecast period will also witness major trends, like advancements in machine vision and sensor technology, progress in predictive maintenance and system diagnostics, innovations

in adaptive packaging and material transfer systems, data-oriented advancements in packaging optimisation platforms, exploration into the idea of modular and scalable auto-boxing solutions, and progressions in the amalgamation of artificial intelligence for enhanced packaging precision.

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What Are The Key Driving Factors For The Growth Of The Auto-Boxing Technology Market?

The auto-boxing technology sector is predicted to expand due to the increasing popularity of e-commerce services. These internet-based platforms facilitate the purchase and sale of goods and services, and they have gained traction due to the shift in consumer behaviors towards online buying. This is attributed to increased confidence in digital transactions and enhanced user interfaces. Auto-boxing technology, by enhancing packaging processes, allows for quicker, economical, and precise order processing to cater to the growing online demand. The Information Technology and Innovation Foundation (ITIF), a nonprofit research institution in the US that studies innovation and digital economic trends, revealed that in August 2025, around 26% of small businesses and 34% of medium businesses in Organization for Economic Co-Operation And Development (OECD) nations were actively conducting e-commerce transactions in 2023. This surge in demand for e-commerce services is therefore propelling growth in the auto-boxing technology sector.

Who Are The Key Players In The Auto-Boxing Technology Industry?

Major players in the Auto-Boxing Technology Global Market Report 2025 include:

- Smurfit Westrock plc
- Sealed Air Corporation
- Bobst Group SA
- Syntegon Technology GmbH
- Ishida Co. Ltd.
- Delkor Systems Inc.
- Ranpak Holdings Corporation
- Packsize International LLC
- BluePrint Automation BV
- Bell and Howell LLC

What Are The Key Trends Shaping The Auto-Boxing Technology Industry?

Leading companies in the auto-boxing technology market are concentrating on integrating advancements such as vacuum technology to boost automation effectiveness, accurate handling, and packaging robustness. Vacuum technology employs suction methods to generate negative pressure for grasping, elevating, and controlling materials without a direct mechanical touch. This results in quicker blank handling, accurate box positioning, and less product destruction during the automated boxing process. For example, End Flex, an American automated packaging machinery and complete end-of-line solutions manufacturer, introduced

the Boxxer Wrap-Around Case Packer in October 2024. It is an auto-boxing system powered by vacuum technology, intended to automatically construct, load, and close corrugated boxes for food, drink, and consumer goods uses. The system employs a vacuum blank handling method, servo-driven coordination for product entry, and a built-in glue-application method for effective sealing. The Boxxer Wrap-Around Case Packer enhances automation effectiveness, material usage, and manufacturing throughput, assisting manufacturers in achieving quicker, more dependable, and sustainable packaging processes.

What Segments Are Covered In The Auto-Boxing Technology Market Report?

The auto-boxing technology market covered in this report is segmented –

- 1) By Type: Automated Boxing Machines, Semi-Automated Boxing Machines, Manual Boxing Solutions
- 2) By Component: Solution, Services
- 3) By Boxing Process: Vertical Boxing, Horizontal Boxing, Multi-Boxing Systems
- 4) By Material Used: Cardboard, Plastic, Wood, Metal
- 5) By End User: Food, Beverages, Pharmaceuticals, Retail And E-commerce, Manufacturing, Other End-Users

Subsegments

- 1) By Automated Boxing Machines: Robotic Case Packers, Vacuum-Based Box Formers, Vision-Guided Boxing Systems, High-Speed Inline Systems
- 2) By Semi-Automated Boxing Machines: Operator-Assisted Case Packers, Box Erectors with Manual Filling, Semi-Auto Sealers and Closers, Compact Tabletop Systems, Hybrid Systems
- 3) By Manual Boxing Solutions: Hand Packing Stations, Manual Carton Sealers, Custom Boxing Tables, Training/Prototype Boxing Lines, Small Business Packaging Kits

View the full auto-boxing technology market report:

<https://www.thebusinessresearchcompany.com/report/auto-boxing-technology-global-market-report>

Which Region Is Expected To Lead The Auto-Boxing Technology Market By 2025?

For the year under discussion in the Auto-Boxing Technology Global Market Report 2025, North America held the dominant position. It's projected that the swiftest expansion will be seen within the Asia-Pacific region. The report provides coverage for regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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