

Continuous Motion Cartoner Market to Reach USD 5.0 Bn by 2035 — Growth Accelerates Across USA Driven by Packaging Demand

The continuous motion cartoner market is expanding steadily, supported by the rising demand for high-speed packaging machinery across manufacturing industries.

NEWARK, DE, UNITED STATES,
November 10, 2025 /

EINPresswire.com/ -- The global [continuous motion cartoner market](#) is on a steady growth trajectory, driven by surging demand for high-speed packaging systems, smart automation, and energy-efficient machinery across industrial sectors. Estimated at USD 3.7 billion in 2025, the market is poised to hit USD 5.0 billion by 2035, advancing at a 3.1% CAGR.



Continuous motion cartoners have become a backbone technology in modern manufacturing, ensuring consistent product throughput, reduced downtime, and higher-quality packaging output. Industries such as food and beverages, pharmaceuticals, and consumer goods are leading adopters as they prioritize hygiene, flexibility, and production speed.

According to industry reports, manufacturers are increasingly integrating robotic arms, servo-driven components, and smart sensors to enable quick changeovers and predictive maintenance. The growing demand for eco-friendly materials and digital process control systems is reshaping the packaging automation landscape.

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Segmental Insights: Where the Market Momentum Lies

Product Segment – VFFS Cartoners Lead with 34.7% Share

The Vertical Form-Fill-Seal (VFFS) Cartoner segment remains the market's cornerstone, capturing 34.7% of total revenue in 2025. Its ability to handle diverse packaging forms—ranging from powders to liquids—with minimal product loss has made it indispensable in modern packaging lines.

VFFS systems integrate seamlessly with upstream filling units and downstream sealing machines, optimizing production flow. Their compact designs, lower material consumption, and compatibility with recyclable films make them the preferred choice for manufacturers aiming for both sustainability and productivity.

End-Use Segment – Food & Beverages Dominate with 41.5% Share

Accounting for 41.5% of market revenue in 2025, the food and beverages segment continues to drive substantial demand. Rising urbanization, changing consumption habits, and the global preference for ready-to-eat meals are fueling investments in automated packaging systems.

Continuous motion cartoners enable high-speed, contamination-free, and precise packaging—critical for sectors dealing with perishables. Moreover, the demand for single-serve and portion-controlled packaging aligns with this segment's growth, supported by the growing focus on convenience and product freshness.

Packaging Format Segment – Sleeve Packaging Gains Traction

The sleeve packaging segment is projected to command 29.6% of market share in 2025, owing to its versatility and premium visual appeal. Continuous motion cartoners play a vital role in ensuring precision folding, maintaining print integrity, and supporting eco-friendly carton materials.

This format is witnessing strong adoption across food, beverage, and personal care industries—particularly as brands emphasize sustainable and recyclable packaging aligned with global environmental goals.

Innovation and Research: Smart, Sustainable, and High-Speed Packaging

Continuous motion cartoners have evolved significantly, posting a 2.7% CAGR from 2020 to 2025, and are set to accelerate further to 3.1% from 2025 to 2035. Manufacturers are investing in customizable, modular designs to enable multi-product flexibility and rapid changeovers.

Recent innovations include:

- Smart sensors for predictive maintenance.
- Energy-efficient drives to reduce operational costs.

- Compact ergonomic designs for smaller footprints.
- Use of biodegradable and recyclable carton materials to meet sustainability mandates.

As sustainability and automation converge, the industry's focus is shifting toward environmentally responsible packaging lines that maintain high productivity standards.

Regional Outlook: Global Expansion Fueled by Automation and E-Commerce

United States (CAGR: 2.9%)

The U.S. market is characterized by technological innovation and strong demand from the pharmaceutical and FMCG sectors. Continuous motion cartoners are increasingly deployed in pharma packaging—ensuring regulatory compliance, precision, and product integrity. High adoption of automation across production lines continues to drive steady growth.

United Kingdom (CAGR: 2.9%)

In the U.K., digital transformation across FMCG manufacturing and packaging lines is creating new opportunities for motion-controlled systems. Modernization initiatives focusing on smart factories and advanced control systems are boosting the adoption of continuous motion cartoners.

India (CAGR: 3.3%)

India is emerging as a high-growth market, supported by the Make in India initiative, the expansion of e-commerce, and the proliferation of food and beverage startups. Increasing disposable incomes, rapid urbanization, and an expanding retail landscape are pushing manufacturers to adopt automated and reliable cartoning systems.

China (CAGR: 3.2%)

China's robust manufacturing ecosystem and emphasis on industrial automation have positioned it as a pivotal market. Continuous motion cartoners are crucial in achieving consistent product quality and operational efficiency. Investments in bio-based materials and digital monitoring are shaping next-generation packaging solutions.

Japan (CAGR: 3.1%)

Japan continues to prioritize sustainable packaging. Manufacturers are adopting energy-efficient cartoners that reduce waste and optimize material use. Eco-conscious production and high-speed automation define the country's growing packaging machinery sector.

Key Market Drivers

1. Automation & Robotics Integration: Reducing labor dependency and improving precision.
2. Sustainability Focus: Adoption of recyclable and eco-friendly packaging materials.
3. E-commerce Growth: Rising demand for secure, unit-level packaging solutions.
4. Regulatory Compliance: Strict food safety and pharmaceutical packaging standards.
5. Technological Innovation: Incorporation of IoT, AI, and predictive analytics in packaging operations.

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Challenges Hindering Growth

Despite the positive outlook, manufacturers face challenges including high initial investment costs, maintenance complexities, and limited flexibility for irregular-shaped products. Training personnel and integrating legacy systems with new automation technologies remain key hurdles, especially for small-scale producers.

Competitive Landscape: Strategic Expansion and Innovation at the Forefront

Leading companies such as Bosch Packaging Technology, Körber Medipak Systems, MULTIVAC, TNA, and ProMach are spearheading innovation through R&D and mergers.

- Bosch Packaging Technology has introduced cartoners with modular architecture and digital monitoring capabilities for enhanced efficiency.
- Körber Medipak Systems focuses on pharmaceutical-grade cartoners equipped with tamper-evident sealing and serialization compliance.
- MULTIVAC and Omori Machinery are expanding their automation portfolios, offering high-speed solutions tailored for global FMCG and healthcare markets.

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