

Automatic Labeling Machine - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Automatic Labeling Machine Market size is estimated at USD 2.37 billion in 2025, and is expected to reach USD 2.83 billion by 2030, at a CAGR of 3.6% during the forecast period (2025-2030).

Key Highlights

- The importance of labeling has grown significantly due to technological advancements and digital transformation. The increasing complexity of supply chains, regulatory requirements, and consumer demand for product information drives this growth. End-user products are available in various packaging and material options, ranging from plastic containers to biodegradable materials, each requiring specific labeling solutions. The demand for faster and automated labeling equipment has increased globally as manufacturers seek to improve efficiency, reduce errors, and meet the rising volume of product variations. This trend is particularly evident in the food and beverage, pharmaceuticals, and e-commerce industries, where accurate and rapid labeling is crucial for inventory management, traceability, and customer satisfaction.

- The evolution of labeling technology has also led to the development of smart labels, incorporating features like QR codes and RFID tags, which enhance product tracking and provide consumers with detailed information. Additionally, e-commerce has further accelerated the need for efficient labeling systems to manage the high volume of shipments and returns. Environmental concerns have also influenced labeling practices, with a growing emphasis on sustainable materials and eco-friendly inks. As global markets become more interconnected, multilingual and region-specific labeling requirements have added another layer of complexity to the industry, which is driving innovation in flexible and adaptable labeling solutions.

- The increasing need for high-speed and accurate labeling solutions in the food and beverage industry is driving the growth of the labeling machine market. This demand is fueled by the industry's push for automation and efficiency in production processes. Labeling machines ensure product identification, traceability, and compliance with regulatory requirements. Manufacturers are focusing on enhancing their product features by incorporating new technological advancements to meet this growing demand.

These advancements include improved printing technologies, integration with production line systems, and enhanced data management and customization of software capabilities.

- The market is also seeing a trend toward more versatile machines that can handle various label types and sizes, catering to the diverse needs of food and beverage producers. As the industry continues to evolve, labeling machine manufacturers are expected to invest in research and development to create more innovative solutions. These may include IoT connectivity for real-time monitoring and maintenance and Al-driven systems for optimizing labeling processes and reducing errors.

- The increasing use of automatic labeling machines in retail products drives the labeling machine market. This trend is closely tied to the retail industry and is expected to continue. Developed economies show high penetration of packaged food and beverages, offering growth opportunities for various packaging materials. Labels with tracking and anti-counterfeiting features enable effective shipment monitoring and ensure product integrity. The demand for security labeling to combat fraud and theft will likely increase equipment demand. In the United States, radio-frequency identification (RFID) integration in pressure-sensitive labels has gained importance across various industries. However, manufacturers face challenges in keeping up with the latest labeling machine technologies, and fully automatic machines come with higher initial costs compared to semi-automatic or manual alternatives.

- The significant expenses associated with labeling machines pose a limitation on market expansion. These high costs can deter potential buyers, such as tiny and medium-sized enterprises, from investing in advanced labeling equipment. The initial capital outlay for purchasing and installing labeling machines can be substantial, often requiring a considerable portion of a company's budget. Additionally, ongoing maintenance, repairs, and potential upgrades further contribute to the total cost of ownership. This financial burden may lead some businesses to opt for manual labeling processes or less sophisticated equipment, potentially compromising efficiency and accuracy. Consequently, the market's growth potential is restricted by these financial barriers to entry, as some businesses need help to justify the investment despite the long-term benefits of automated labeling solutions.

Automatic Labeling Machine Market Trends

The Beverages Segment to Hold a Significant Market Share

- The increasing demand for automation in the beverages industry drives the automatic labeling machine market. Labels are crucial in providing product information and boosting sales as consumers become more conscious about product details. Manufacturers are shifting to automated labeling systems to meet the growing beverage demand. Automatic labeling machines offer several advantages over manual labeling processes. These machines increase efficiency, reduce labor costs, and improve accuracy in label placement. They can handle various container shapes and sizes, accommodating the diverse packaging needs of the beverages industry. Additionally, automatic labeling machines can operate at high speeds, enabling manufacturers to meet increased production demands.

- The beverages industry's need for consistent branding and regulatory compliance further fuels the adoption of automatic labeling machines. These systems can apply labels with precise positioning, ensuring a uniform appearance across product lines. They also help manufacturers comply with labeling regulations by accurately applying required information, such as nutritional facts, ingredients, and expiration dates. As the beverages industry expands and diversifies, the demand for flexible and efficient labeling solutions is expected to grow. This trend will likely drive further innovations in automatic labeling machine technology, including improved integration with production lines and enhanced customization capabilities to meet specific industry requirements.

- Beverage manufacturers face several challenges, including labor shortages, increased demand, and persistent supply chain disruptions. Food packaging automation is crucial for these organizations as it enhances manufacturing productivity without requiring additional labor. As demand is expected to rise over the next few years and workforce shortages continue, packaging automation will likely become increasingly important. Consequently, manufacturers are adopting technological solutions. Advancements in Industry 4.0 technologies are poised to transform food manufacturing in the coming decade.

- Due to increasing demand for the food and beverage industries, manufacturers are continuously investing in innovating with labeling machines. The growing beverages industry further drives the need for fast, automatic label machines. This demand is fueled by the industry's requirement for efficient and accurate labeling solutions to meet consumer expectations and regulatory standards. The graph illustrates the sales distribution of fruit and vegetable beverages in Germany in 2023 by packaging type. Disposable PET was the most popular packaging, accounting for 49% of total sales, followed by cartons at 34%. This data highlights the significant market share of these packaging materials and underscores the importance of versatile labeling solutions.

- The diverse range of beverage packaging materials, including PET, glass, and cartons, necessitates high-end automated labeling machines in the beverage packaging industry. These machines must be capable of handling various container shapes, sizes, and materials while maintaining high-speed operations and precision. The ability to quickly adapt to different packaging types is crucial for manufacturers to remain competitive in the dynamic beverages industry. Furthermore, the increasing focus on sustainability and eco-friendly packaging options drives innovation in labeling technology. Manufacturers are developing machines that can efficiently apply recyclable labels and work with environmentally friendly packaging materials, aligning with consumer preferences and regulatory requirements for sustainable packaging solutions.

Asia Expected to Register a High Growth Rate

- Asia, home to the world's largest population, is experiencing a significant increase in consumer awareness regarding packaging. This trend drives substantial demand for packaging solutions and high-speed, high-quality labeling systems in the food industry. China, Taiwan, and Vietnam have emerged as the region's primary exporters of automatic labeling machines, capitalizing on this growing market. The demand for printed labels in Asia-Pacific is expanding rapidly, fueled by several key factors. Economic growth in emerging markets has resulted in increases in disposable incomes and consumer spending power. Simultaneously, consumer health consciousness is increasingly shifting toward packaged food and beverages with clear labeling. These factors collectively contribute to expanding the region's packaged food and beverages industry.

- As urbanization continues and retail networks expand across Asia-Pacific, efficient and accurate labeling solutions are becoming more critical. Automatic labeling machines meet stringent labeling requirements, ensure product traceability, and maintain high production speeds. This technology is precious in markets with diverse language requirements and strict regulatory standards. The growth of e-commerce and the increasing emphasis on product differentiation also drive the adoption of advanced labeling solutions. Manufacturers are investing in versatile labeling machines that can handle various packaging types and sizes, catering to the diverse needs of the Asia-Pacific market. As the region continues to develop, the automatic labeling machine market is expected to grow, while increasing automation in manufacturing processes is further propelling this trend.

- The demand for labeling machines in China is primarily driven by two key factors: the increasing need for productivity enhancements across various industries and ongoing technological advancements. Industries such as food and beverage, pharmaceutical, and chemical are particularly significant. Additionally, Chinese regulatory requirements play a crucial role in shaping the market. Chinese regulators mandate label verification and product quality testing before goods cross borders for imported and exported food, including candy, wine, nuts, canned food, and cheese. However, these specific labeling requirements do not apply to domestically produced food items.

- Further, India's labeling machinery industry has experienced a substantial expansion in recent years. This growth can be attributed to several factors, including increased industrialization, rising demand for packaged goods, and advancements in labeling technology. The food and beverage, pharmaceutical, and consumer goods industries have been critical drivers of this expansion, as they require efficient and accurate labeling solutions to meet regulatory requirements and consumer expectations. Additionally, the government's initiatives to promote domestic manufacturing have further boosted the growth of the labeling machinery market in India.

- The key industries driving the Japanese packaging market include food, alcoholic beverages, non-alcoholic beverages, cosmetics, and toiletries. These industries significantly influence packaging trends and demand in Japan, reflecting consumer

preferences and market dynamics. In 2022, Asia-Pacific countries consumed approximately 288 billion liters of packaged beverages, with projections indicating an increase to 336 billion liters by 2025. This growth trajectory underscores the region's expanding market for packaged goods.

- Global consumption of packaged beverages reached about 1.4 trillion liters in 2022, highlighting the vast scale of the international beverage packaging industry. These statistics, which provide regional breakdowns and forecasts for 2025, suggest that Asia-Pacific presents significant opportunities for the automatic labeling market. The anticipated growth in beverage consumption will likely drive demand for efficient and accurate labeling solutions, making the region an attractive market for automatic labeling technology providers and packaging equipment manufacturers.

Automatic Labeling Machine Market Overview

The automatic labeling machine market is fragmented, comprising several global and regional players like Nita Labeling Systems, Bobst Group SA, KHS GmbH, and Krones AG, vying for attention in a contested market space. This market is characterized by low product differentiation, growing product penetration, and high competition.

- July 2024: Nita Inc. acquired Shorewood Engineering LLC, a Minnesota-based manufacturer specializing in rotary labels. Shorewood is renowned for providing top-tier labels to leading US consumer packaged goods companies. The rotary labelers from Shorewood seamlessly enhance Nita's existing in-line labeler offerings. Notably, Shorewood stands out as the sole North American manufacturer of rotary labelers, with traditional industry leaders based predominantly in Europe.

- July 2024: Domino Printing Sciences unveiled a cutting-edge automated printing and label verification technology. This innovation aims to assist manufacturers in minimizing expensive labeling mistakes. The newly introduced product boasts sophisticated coding automation software, which removes the need for manual input. Additionally, it features an integrated machine vision system, guaranteeing precise code accuracy.

- November 2023: Spanish label specialist Germark bolstered its collaboration with BOBST by acquiring a new DIGITAL MASTER 340. This marked Germark's fourth BOBST machine in just three years. The All-in-One modular label press is set to enhance Germark's digital printing capabilities, enabling the production of fully finished labels in-line, catering specifically to its upscale clientele in the beauty and cosmetics industry.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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