

Automated Conveyor Market Forecasts to 2032 – Global Analysis By Product Type (Belt Conveyors, Roller Conveyors, Overhead Conveyors, Chain Conveyors, Pallet Conveyors, Vertical Conveyors and Other Product Types), Conveying Orientation, Drive Type, Load Type, Technology, Application and By Geography

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Abstracts

According to Statistics MRC, the Global Automated Conveyor Market is accounted for \$2.8 billion in 2025 and is expected to reach \$4.5 billion by 2032 growing at a CAGR of 6.8% during the forecast period. Automated conveyor is a mechanized transport system designed to move materials or products efficiently across predefined paths within industrial or commercial settings. Integrated with sensors, motors, and control systems, it enables continuous, hands-free operation, reducing manual labor and enhancing throughput. These conveyors are widely used in manufacturing, packaging, warehousing, and distribution environments to streamline workflows, improve safety, and maintain consistent processing speeds. Their configuration can be customized based on load type, layout constraints, and automation requirements.

Market Dynamics:

Driver:

Growth in e-commerce and warehouse expansion

The rapid proliferation of e-commerce platforms has significantly increased the demand for efficient order fulfillment and inventory management systems. Automated conveyors

are being widely adopted in distribution centers to streamline sorting, packaging, and dispatch operations. As consumer expectations for faster delivery rise, companies are investing in scalable automation to enhance throughput and reduce human error. Additionally, the expansion of smart warehouses and omnichannel retail strategies is accelerating the deployment of conveyor-based material handling solutions across global supply chains.

Restraint:

Complexity in retrofitting legacy infrastructure

Integrating automated conveyor systems into existing facilities poses considerable challenges, particularly for industries operating with outdated layouts or limited space. Retrofitting requires substantial redesign, electrical upgrades, and compatibility checks with legacy machinery, often leading to operational downtime and increased costs. Smaller enterprises may find it difficult to justify such investments without guaranteed ROI. Moreover, the lack of skilled technicians to manage integration and maintenance further hampers adoption in traditional manufacturing environments.

Opportunity:

Emergence of modular and reconfigurable conveyors

Technological advancements are enabling the development of modular conveyor systems that can be easily reconfigured to meet changing production needs. These flexible solutions allow manufacturers to scale operations without major infrastructure overhauls, making them ideal for dynamic industries such as food processing, pharmaceuticals, and electronics. Innovations in plug-and-play components, wireless controls, and compact designs are also opening doors for deployment in space-constrained facilities. As customization becomes a priority, modular conveyors offer a cost-effective path to automation.

Threat:

Supply chain disruptions affecting availability of components

Global supply chain volatility continues to impact the availability of critical components such as motors, sensors, and control units used in automated conveyors. Geopolitical tensions, raw material shortages, and transportation bottlenecks have led to extended

lead times and inflated procurement costs. These disruptions not only delay project timelines but also affect system reliability and maintenance schedules. Manufacturers dependent on imported technologies are particularly vulnerable, prompting a shift toward localized sourcing and inventory diversification strategies.

Covid-19 Impact:

The COVID-19 pandemic had a multifaceted impact on the automated conveyor market, disrupting global supply chains and delaying project timelines due to labor shortages and restricted manufacturing activities. However, the crisis also accelerated the adoption of automation in logistics and warehousing, as companies sought to minimize human contact and ensure operational continuity. Demand surged for contactless material handling systems, especially in e-commerce and pharmaceutical sectors. Post-pandemic recovery has further reinforced the role of automation in future-proofing industrial operations.

The belt conveyors segment is expected to be the largest during the forecast period

The belt conveyors segment is expected to account for the largest market share during the forecast period owing to their versatility, cost-effectiveness, and widespread use across industries such as packaging, mining, and food processing. Their ability to handle bulk materials and continuous transport makes them indispensable in high-volume operations. Technological upgrades, including variable speed drives and automated tensioning systems, are enhancing performance and energy efficiency. Belt conveyors are also being integrated with vision systems and sensors for real-time tracking and quality control.

The horizontal segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the horizontal segment is predicted to witness the highest growth rate driven by their growing application in intralogistics, retail distribution, and assembly lines. These systems offer streamlined transport across flat surfaces, making them ideal for sorting, packaging, and order fulfillment tasks. Innovations in low-profile designs and silent operation are expanding their use in noise-sensitive environments. Horizontal conveyors are increasingly being paired with robotic arms and pick-and-place systems to enhance automation.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share supported by robust industrial infrastructure, high automation penetration, and strong presence of leading conveyor manufacturers. The region's logistics and e-commerce sectors are investing heavily in warehouse automation to meet rising consumer expectations. Government initiatives promoting smart manufacturing and digital transformation are further boosting demand. Additionally, the availability of skilled labor and advanced R&D capabilities enables continuous innovation in conveyor technologies.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR driven by rapid technological advancements and increasing adoption of Industry 4.0 practices. The region's focus on energy-efficient and sustainable automation solutions is encouraging upgrades to intelligent conveyor systems. Growth in sectors such as pharmaceuticals, electronics, and food processing is creating new opportunities for horizontal and modular conveyors. The rise of micro-fulfillment centers and urban logistics hubs is accelerating deployment of compact, high-speed conveyor systems.

Key players in the market

Some of the key players in Automated Conveyor Market include Daifuku Co., Ltd., SSI Sch?fer AG, Swisslog Holding AG, Dematic Group, BEUMER Group GmbH & Co. KG, TGW Logistics Group GmbH, Murata Machinery, Ltd., Interroll Group, Vanderlande Industries B.V., Fives Group, Hytrol Conveyor Company, Inc., Bastian Solutions, LLC, Intelligrated, FlexLink, Okura Yusoki Co., Ltd., Mecalux, S.A., Knapp AG, Legris Industries Group, Pal Innovations Pvt. Ltd. (India), and Somi Conveyor Beltings Ltd.

Key Developments:

In October 2025, SSI Sch?fer introduced a powerful combination of its SSI LOGIMAT® vertical lift module with WAMAS Lift & Store software. This integration enhances warehouse flexibility and process optimization. It's positioned as a future-proof solution for intralogistics.

In September 2025, Dematic Multishuttle® 2 received Cradle to Cradle Certified® Bronze status. It's the first shuttle-based AS/RS system to achieve this, highlighting Dematic's commitment to sustainable innovation. The certification reflects rigorous

environmental standards.

In July 2025, Swisslog Healthcare launched PillPick Octave, an advanced automated unit dose system for hospital pharmacies. It improves medication safety and operational efficiency. The system supports scalable pharmacy automation.

Product Types Covered:

Belt Conveyors

Roller Conveyors

Overhead Conveyors

Chain Conveyors

Pallet Conveyors

Vertical Conveyors

Other Product Types

Conveying Orientations Covered:

Horizontal

Inclined

Curved

Other Conveying Orientations

Drive Types Covered:

Electric

Hydraulic

Pneumatic

Load Types Covered:

Unit Handling

Bulk Handling

Technologies Covered:

Robotics Integration

AI & Machine Learning

IoT-enabled Conveyors

Vision Systems

Other Technologies

Applications Covered:

Automotive

Food & Beverage

Pharmaceutical

Logistics & Warehousing

Packaging

Electronics

Mining & Cement

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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