

# Vibrating Conveyor Market to Reach USD 795.6 Mn by 2035, Expanding at a CAGR of 4.5% | Transparency Market Research

*Growing demand for automation, energy-efficient designs, and hygienic material handling across industries is fueling market expansion.*

WILMINGTON, DE, UNITED STATES,  
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EINPresswire.com/ -- The global [vibrating conveyor market](#) was valued at US\$ 490.5 Mn in 2024 and is projected to advance at a CAGR of 4.5% from 2025 to 2035, reaching US\$ 795.6 Mn by the end of 2035. Demand from food & beverages, pharmaceuticals, automotive, and mining industries, coupled with rising adoption of automation, is driving significant market growth.



With rapid industrialization in Asia Pacific and advancements in lightweight materials and modular designs, vibrating conveyors are becoming indispensable in modern material handling systems. Energy-efficient conveyors, capable of reducing power consumption by up to 25%, are particularly gaining traction among environmentally conscious industries.

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vibrating conveyor market is poised for steady growth, driven by rising demand for efficient material handling solutions across industries.”

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Research*

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## Market Overview

Vibrating conveyors provide a reliable and controlled method of transporting bulk materials such

as pellets, powders, granules, and fragile items. By leveraging electromagnetic drives, cranks, or pneumatic systems, these conveyors ensure precise material flow with reduced noise, lower maintenance, and enhanced efficiency.

Food & beverages account for around 35% of the global vibrating conveyor market, driven by demand for hygienic, customizable, and energy-efficient solutions. Premium conveyor designs with IoT integration and variable speed control are reshaping industry standards by improving safety, sustainability, and process automation.

### Analyst Viewpoint

Analysts at Transparency Market Research highlight that Asia Pacific contributes more than 30% of global market revenues, supported by industrial expansion in China, India, and Southeast Asia. Vibrating conveyors are increasingly favored for automation-driven manufacturing, e-commerce fulfillment centers, and smart factory environments.

Modular, compact, and IoT-enabled conveyors are emerging as the next growth frontier. Key players are integrating sensors, AI-driven controls, and energy-efficient drives to offer enhanced safety, flexibility, and cost savings. However, high installation costs and limited adoption in underdeveloped regions remain market challenges.

### Key Drivers of Market Growth

#### Rise in Demand for Efficient Material Handling and Automation

The growing need for automation across industries such as food processing, pharmaceuticals, automotive, and mining is fueling demand for vibrating conveyors. These systems improve safety by reducing manual lifting, enhance precision in material transfer, and integrate seamlessly into advanced manufacturing systems.

#### Product Innovation and Technological Advancements

Manufacturers are investing in conveyors with energy-efficient drives, noise-reduction technologies, and variable speed control. IoT-enabled conveyors provide real-time monitoring, predictive maintenance, and data-driven efficiency improvements, making them attractive to industries focused on productivity and sustainability.

#### Expansion into Untapped Markets

Emerging economies in Asia Pacific, Latin America, and Africa are driving new demand due to infrastructure development and industrialization. Sectors such as mining, agriculture, and construction are increasingly adopting vibrating conveyors to boost productivity and streamline bulk material handling.

### Segment Analysis

By Type

Light/Medium Duty Vibrating Conveyor

Heavy Duty Vibrating Conveyor

By Mode of Operation

Cranks/Springs

Electromagnets

Others

By End-use Industry

Food & Beverage (Bakery, Confectionery, Fruits & Vegetables, Meat & Seafood, Snack Foods, Others)

Pharmaceutical

Chemical Industry

Rubber Industry

Wood Industry

Others

By Distribution Channel

Direct

Indirect

Regional Insights

Asia Pacific: Largest and fastest-growing market, driven by manufacturing expansion in China and India. Strong demand from food processing, automotive, and electronics sectors.

North America: Growth supported by automation adoption in food processing and pharmaceuticals, with U.S.-based manufacturers leading innovation.

Europe: Mature market driven by advanced automation technologies and demand for sustainable, energy-efficient conveyors.

Latin America & Middle East & Africa: Emerging demand from mining, agriculture, and industrial sectors, though growth is limited by high capital investment requirements.

### Key Players and Industry Leaders

The vibrating conveyor market is moderately consolidated, with key players focusing on compact designs, modular systems, and IoT-enabled innovations:

General Kinematics Corporation

GEA Group AG

Vibra Schultheis GmbH & Co.

AVITEQ Vibrationstechnik GmbH

Eriez Manufacturing Co.

Tarnos, S.A.

FMC Technologies, Inc.

Triple/S Dynamics, Inc.

Schenck Process Holding GmbH

JÖST GmbH + Co. KG

### Recent Developments

Key Technology (Sept 2024): Introduced high-capacity vibratory conveyors capable of moving up to 100,000 pounds per hour, designed for advanced food handling applications.

Grote Company (Apr 2024): Acquired ProFab LLC, strengthening its position in custom conveyor systems with advanced design and millwright service capabilities.

### Market Trends

Integration of IoT and smart sensors for predictive maintenance and real-time monitoring

Growing preference for hygienic and energy-efficient conveyors in food and beverage industries

Adoption of compact and modular conveyor designs for flexibility in diverse manufacturing environments

Rising demand in emerging economies due to industrialization and infrastructure development

#### Future Outlook

The vibrating conveyor market is set for steady growth through 2035, driven by rising automation, sustainability initiatives, and industrial expansion. Key growth opportunities include:

Expanding demand in Asia Pacific and emerging markets

Increasing adoption in food processing and pharmaceuticals

Energy-efficient and IoT-integrated conveyor designs

Modular and customizable solutions for niche industries

Companies investing in affordable, energy-saving, and connected conveyor technologies are expected to capture significant market share over the forecast period.

#### Why Buy This Report?

Comprehensive market forecasts through 2035

Detailed segmentation by type, mode of operation, end-use, and region

Insights on growth drivers, restraints, and opportunities

Profiles of leading players and their strategies

Analysis of emerging trends, technological innovations, and regional dynamics

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Our data repository is continuously updated and revised by a team of research experts, so that it always reflects the latest trends and information. With a broad research and analysis capability, Transparency Market Research employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports.

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