

Global Screw Conveyor Market Growth, Driven by Rising Bulk Material Handling Needs and Technological Advancements

The rising demand for automation is driving the adoption of screw conveyors across industries, enhancing efficiency in material handling and production processes

NEWARK, DE, UNITED STATES, February 14, 2025 /EINPresswire.com/ -- The global [screw conveyor market](#) is projected to grow from USD 1,017.7 million in 2025 to USD 1,626.4 million by 2035, reflecting a steady CAGR of 4.8%. This growth is driven by increasing industrial automation, rising demand for efficient bulk material handling solutions, and advancements in conveyor technology across key industries.

As industries expand and integrate automation into manufacturing and processing, the demand for efficient material handling systems is increasing. Screw conveyors, essential for transporting bulk materials, play a crucial role in optimizing production across various sectors.

Screw conveyors are widely used in agriculture, food processing, chemicals, and mining for the seamless movement of materials such as grains, powders, and aggregates. Their ability to enhance efficiency and reduce manual intervention has driven adoption across key industries worldwide.

With global industrial expansion, the screw conveyor market is experiencing substantial growth. Manufacturers are focusing on developing technologically advanced and energy-efficient systems to meet evolving industry demands.



Screw Conveyor Market EIN

Market analysts project the screw conveyor industry to grow at a steady pace, driven by increasing automation in material handling and the rising need for sustainable and cost-effective solutions.

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The latest industry report provides comprehensive insights into the screw conveyor market, including market size projections, growth drivers, key challenges, and competitive analysis. It covers regional market performance and the impact of technological advancements on industry trends.

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Screw conveyor market growth is fueled by industrial automation, bulk material handling, and sustainability trends, driving innovation for enhanced efficiency.”

opines Nikhil Kaitwade, Associate Vice President at FMI

The expansion of key industries such as agriculture, food processing, mining, and construction is fueling demand for screw conveyors. As these industries scale operations, efficient and automated material handling solutions become imperative.

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Agriculture and food processing are among the largest consumers of screw conveyors. These conveyors help in transporting grains, flour, and other bulk materials

efficiently, reducing wastage and operational delays.

The rising global food demand and the need for efficient storage and processing solutions are expected to significantly boost screw conveyor adoption in these industries, contributing to



Screw Conveyor Market Regional

market growth through 2035.

Industries dealing with bulk material handling, including mining and chemicals, rely heavily on screw conveyors for smooth operations. Their ability to transport materials seamlessly over varying distances enhances workflow efficiency.

As global infrastructure projects increase, the demand for construction materials such as cement and aggregates is rising, further driving the need for reliable screw conveyor systems.

For more information, visit: <https://www.futuremarketinsights.com/reports/screw-conveyors-market>

Despite their efficiency, screw conveyors are prone to wear and tear due to continuous operation and exposure to abrasive materials. Regular maintenance is required to prevent operational disruptions and extend service life.

Industry players are focusing on developing wear-resistant materials and advanced lubrication systems to address these challenges, ensuring long-term performance and reduced downtime.

Key drivers include:

- Strong adoption of automation in material handling and industrial manufacturing.
- Growth in agriculture and mining industries supporting market expansion.
- Stringent efficiency and sustainability standards driving adoption of advanced screw conveyors.
- Infrastructure and construction sector growth fueling demand.
- Rapid industrialization and food processing advancements boosting market presence.
- Expanding food and agriculture industries leading to increased screw conveyor utilization.
- Rising construction projects and mining activities stimulating market demand.
- Rising Bulk Material Handling Needs Propel Screw Conveyor Demand

The need for efficient bulk material handling solutions is becoming increasingly prominent across industries. Screw conveyors offer a cost-effective and energy-efficient alternative to traditional handling methods, making them a preferred choice for manufacturers.

As industries strive for optimized workflow and reduced manual intervention, screw conveyor adoption is expected to accelerate further, contributing to steady market growth.

Overall, the screw conveyor market is projected to show robust growth through 2035, driven by increasing demand for efficient material handling solutions across various industries.

Innovations in screw conveyor design and materials are enhancing their durability and efficiency. Modern conveyors incorporate sensors, automation, and smart control systems, allowing for real-time monitoring and predictive maintenance.

Additionally, manufacturers are focusing on reducing energy consumption and improving operational reliability, ensuring compliance with industry sustainability standards.

For more information, visit: <https://www.futuremarketinsights.com/industry-analysis/material-handling-equipment>

Key players in the market include:

The global screw conveyor market features several key players, including:

- Vac-U-Max, Inc. – Specializes in pneumatic conveying systems and industrial material handling solutions.
- Anders Pedersen Maskin- & Specialfabrik A/S – Leading European manufacturer of screw conveyors.
- Industrial Screw Conveyors Inc. – Offers customized screw conveyor solutions for various industries.
- Wamgroup Spa – A global leader in bulk material handling equipment.
- DEMECH India – A leading provider of industrial screw conveyor solutions in Asia.
- SPIRAC Engineering Pty Ltd – Known for advanced shaftless screw conveyor technology.
- KWS Manufacturing Company Ltd – Develops customized screw conveyor solutions for industrial applications.
- Martin Sprocket & Gear Inc. – Specializes in power transmission components and screw conveyor systems.
- Sustainability Trends Accelerate Demand for Energy-Efficient Screw Conveyors

With a growing focus on sustainability, manufacturers are developing energy-efficient screw conveyors that reduce environmental impact. Innovations in material composition and energy-saving motor technologies are driving the transition towards eco-friendly solutions.

The adoption of screw conveyors that optimize energy consumption aligns with global sustainability initiatives, further boosting their market presence.

Regional market trends include:

- North America: Technological advancements and automation fueling demand.
- Latin America: Agricultural sector expansion driving market growth.
- Western Europe: High standards for efficiency and sustainability shaping market trends.

- Eastern Europe: Infrastructure development propelling screw conveyor adoption.
- East Asia: Industrial growth and smart manufacturing practices enhancing demand.
- South Asia Pacific: Increased investments in food processing and bulk material handling systems.
- Middle East & Africa: Rising construction and mining projects expanding the market,

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By Product Type:

In terms of Product Type, the industry is divided into Horizontal Screw Conveyor, Inclined Screw Conveyor, Vertical Screw Conveyor, Shafted Screw Conveyor, Shaft-less Screw Conveyor

By Rotation Capacity:

In terms of Rotation Capacity, the industry is divided into Less than 45 RPM, 45-105 RPM, 105-165 RPM, Greater than 165 RPM

By End Use:

In terms of End Use, the industry is divided into Mining and Metallurgy, Agriculture Food and Beverage, Chemical, Pharmaceutical , Others

By Region:

Key countries of North America, Latin America, Western Europe, Eastern Europe, East Asia, South Asia, Middle East and Africa (MEA), have been covered in the report.

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The global [gas detection equipment market sales](#) overall value is expected to rise from USD 3,801.1 million in 2024 to USD 6,801.6 million in 2034.

The [hydrogen electrolyzer market growth](#) is expected to reach USD 5,709.8 million by 2034. The market is estimated to grow at a CAGR of 24.2%.

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