

Feed Processing Equipment Market Outlook 2025-2034: Market Share, and Growth Analysis By Function (Pelleting, Mixing, Grinding, Extrusion), By Feed Type (Ruminant Feed, Poultry Feed, Swine Feed, Aquaculture Feed, Other Animal Feed), By Application

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Abstracts

The Feed Processing Equipment Market is valued at USD 50.1 billion in 2025 and is projected to grow at a CAGR of 4.8% to reach USD 76.3 billion by 2034.

Feed Processing Equipment Market Overview

The global feed processing equipment market is witnessing robust growth, driven by the increasing demand for efficient, high-quality feed production to meet the nutritional needs of livestock. Feed processing equipment, including grinders, mixers, pellet mills, and dryers, plays a crucial role in enhancing the quality, digestibility, and nutritional value of animal feed. As the global demand for animal-based products continues to rise, particularly in emerging markets, feed processing technologies are becoming more advanced to improve feed conversion rates, reduce wastage, and ensure food safety. The rise of automation, digital monitoring systems, and precision feeding in the livestock sector is further enhancing the demand for state-of-the-art feed processing equipment. Additionally, the growing focus on sustainable and eco-friendly feed production is driving the adoption of equipment designed to reduce energy consumption, minimize waste, and improve the efficiency of the feed production process. The integration of advanced technologies such as artificial intelligence (AI) and machine learning for optimizing feed formulation and production processes is reshaping the market, increasing the emphasis on customized solutions tailored to specific livestock needs. The feed processing equipment market has experienced significant technological advancements, particularly in automation and digitalization. The integration of smart

technologies, such as IoT-enabled sensors and AI-driven analytics, is improving operational efficiency and enabling real-time monitoring and control of the feed production process. This allows for greater precision in feed formulations, improving overall feed quality while minimizing wastage and costs. Companies are increasingly investing in automated systems for material handling, grinding, and mixing, which streamline production and reduce labor costs. Additionally, there has been a notable shift towards equipment designed to process alternative ingredients, such as plant-based proteins and by-products, as part of the growing demand for sustainable animal feed solutions. This shift is prompting the development of more versatile feed processing equipment that can handle a broader range of raw materials. Furthermore, the increasing focus on reducing environmental impact is leading to innovations in energy-efficient machines and equipment designed to minimize water usage, making feed production more sustainable. Regulatory bodies are also introducing more stringent quality control measures, prompting the need for more advanced, precise feed processing equipment. The feed processing equipment market is expected to see continued growth, with innovations in automation, digitalization, and sustainability driving the market forward. The adoption of Industry 4.0 technologies will further transform the feed production process, with smart factories and interconnected systems enabling greater operational transparency and real-time decision-making. The increased demand for personalized and nutritionally optimized animal feed will also prompt the development of more advanced, flexible equipment capable of handling diverse feed ingredients and producing customized feed formulations. Furthermore, the growing importance of animal welfare and food safety will necessitate continued advancements in quality control systems within feed processing, ensuring the consistency and safety of feed products. With a rising global focus on reducing the environmental footprint of food production, the market is likely to see an increased demand for eco-friendly feed processing equipment designed to reduce waste, energy consumption, and carbon emissions. Additionally, the growing prevalence of precision livestock farming (PLF) will drive the demand for advanced feed processing equipment that integrates seamlessly with monitoring and data collection systems, enhancing feed optimization.

Key Insights Feed Processing Equipment Market

Automation and AI Integration: Automation technologies and AI-driven systems are improving operational efficiency and precision in feed production, reducing labor costs and improving product consistency.

Digitalization and Smart Equipment: The rise of IoT-enabled sensors and digital

monitoring systems is transforming the feed processing equipment industry by allowing real-time data analysis and operational control for better decision-making.

Sustainability and Energy Efficiency: With growing environmental concerns, there is an increasing demand for feed processing equipment designed to minimize energy consumption, reduce waste, and improve the sustainability of feed production.

Versatility in Feed Ingredient Processing: The shift towards using alternative ingredients, such as plant-based proteins and by-products, is prompting the development of versatile equipment that can handle a wider variety of raw materials.

Customization for Nutritionally Optimized Feed: The demand for personalized, nutritionally balanced feed is encouraging the development of feed processing equipment capable of producing custom feed formulations for specific livestock needs.

Rising Demand for Animal Products: As global consumption of animal-based products grows, the need for efficient and high-quality feed production is driving demand for advanced feed processing equipment.

Technological Advancements in Feed Processing: Continued innovation in automation, digital monitoring, and AI-powered systems is driving improvements in feed production efficiency and product quality.

Focus on Sustainability in Animal Farming: The growing emphasis on sustainability and eco-friendly practices in agriculture is boosting the adoption of energy-efficient and waste-reducing feed processing technologies.

Increasing Use of Alternative Feed Ingredients: The shift towards using alternative proteins and plant-based ingredients in animal feed is driving the development of flexible, advanced feed processing equipment capable of handling diverse raw materials.

High Initial Investment Costs: The adoption of advanced feed processing equipment often requires significant upfront investment, which can be a barrier for smaller producers or those in price-sensitive markets.

Feed Processing Equipment Market Segmentation

By Function

Pelleting

Mixing

Grinding

Extrusion

By Feed Type

Ruminant Feed

Poultry Feed

Swine Feed

Aquaculture Feed

Other Animal Feed

By Application

Poultry

Pig

Ruminant

Aqua

Other Applications

Key Companies Analysed

Buhler AG

Clextral

Dinnissen BV

Andritz AG

Bratney Companies

Longchang Machinery

HET Feed Machinery

B.K. Allied Industries

SKIOLD

ZhengChang

Menci

Muyang

Elko Nagel Mecan-Systeme

Tapco

GEA Group AG

Marel hf.

Krones AG

Bucher Industries AG

SPX Flow Inc.

Wenger Manufacturing Inc.

Amandus Kahl GmbH & Co. KG

CPM Holdings Inc.

Famsun Co. Ltd.

Zhengchang Group

Dinnissen BV

Bratney Companies

Ottevanger Milling Engineers

Van Aarsen International BV

Triott Group BV

Wynveen International BV

Buschhoff GmbH & Co. KG

Stolz SA

B&P Littleford LLC

Hosokawa Micron Group

Feed Processing Equipment Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks

and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Feed Processing Equipment Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Feed Processing Equipment market data and outlook to 2034

United States

Canada

Mexico

Europe — Feed Processing Equipment market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Feed Processing Equipment market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Feed Processing Equipment market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Feed Processing Equipment market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Feed Processing Equipment value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Feed Processing Equipment industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Feed Processing Equipment Market Report

Global Feed Processing Equipment market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Feed Processing Equipment trade, costs, and supply chains

Feed Processing Equipment market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Feed Processing Equipment market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Feed Processing Equipment market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Feed Processing Equipment supply chain analysis

Feed Processing Equipment trade analysis, Feed Processing Equipment market price analysis, and Feed Processing Equipment supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Feed Processing Equipment market news and developments

Additional Support

With the purchase of this report, you will receive

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7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

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