

Dairy Processing Equipment Market Size is Projected to Hit USD 18.66 Billion by 2032

Key players covered in this report such as; GEA Group Aktiengesellschaft, IDMC Limited, IWAI Kikai Kogyo Co., Ltd., Izumi Food Machinery, Kronos AG.

PUNE, MAHARASHTRA, INDIA, March 18, 2025 /EINPresswire.com/ -- In 2023, the global [dairy processing equipment market](#) was valued at USD 10.98 billion. It is expected to expand from USD 11.57 billion in 2024 to USD 18.66 billion by 2032, reflecting a CAGR of 6.1% over the forecast period.

The dairy processing equipment market is experiencing significant growth, driven by rising consumer demand for dairy products such as milk, cheese, yogurt, and butter. Key dairy processing equipment includes pasteurizers, homogenizers, separators, evaporators, and membrane filtration systems, which enhance efficiency, safety, and product quality.

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Asia-Pacific dominates the dairy processing equipment market, with China and India leading due to high dairy consumption and government support for the dairy sector. North America and Europe also hold substantial market shares, driven by technological advancements and increased demand for organic and plant-based dairy alternatives.

Top Dairy Processing Equipment Companies:

- GEA Group Aktiengesellschaft (Germany)
- IDMC Limited (India)
- IWAI Kikai Kogyo Co., Ltd. (Japan)





In February 2024, Lyra's UV pasteurization technology enhanced a dairy production plant's energy efficiency by 91%, offering substantial energy savings for the industry."

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- Izumi Food Machinery (Japan)
- John Bean Technologies Corporation (U.S.)
- Kronos AG (Germany)
- Paul Mueller Company, Inc. (U.S.)
- SPX FLOW (U.S.)
- SUNRISE INDUSTRIES (India)
- Tetra Laval S.A. (Switzerland)
- HOMMAK (Turkey)
- Harvest Hi-tech Equipments (India) Pvt. Ltd. (India)
- INOXPA (India)
- Christakis Agathangelou Ltd. (Cyprus)

- Buhler Group (Switzerland)

"IMPACT OF TECHNOLOGY ON THE DAIRY PROCESSING EQUIPMENT MARKET"

Technological Advancements Driving Market Growth:

Rapid innovations in dairy processing equipment are revolutionizing the industry by enhancing efficiency, reducing operational costs, and promoting sustainability. Advanced processing systems are designed to minimize energy and water consumption while aligning with global sustainability goals. With increasing demand for low-carbon footprint dairy equipment, key industry players are introducing eco-friendly solutions.

For instance, in May 2024, Tetra Pak expanded its homogenizer portfolio by incorporating Circle Green stainless steel, a material with a 93% lower carbon footprint than the global industry average. This innovation enables food & beverage companies to lower Scope 3 emissions and work towards their net-zero targets.

Automation Enhancing Efficiency and Quality Control:

The dairy industry is rapidly embracing automation to boost productivity, reduce labor costs, and minimize human error. Advanced sensor-based technologies are being integrated into dairy processing systems to ensure real-time monitoring and quality control.

For example, in March 2024, GEA Group Aktiengesellschaft launched NisoMate, a cutting-edge live product monitoring sensor for homogenizers. This system enhances consistency control and enables early quality issue detection, helping manufacturers reduce waste and maintain product integrity.

Emerging Non-Thermal Processing Technologies:

Innovations in non-thermal processing such as High-Pressure Processing (HPP), pulsed electric field technology, and membrane filtration are transforming the industry. These advanced techniques allow manufacturers to produce shelf-stable dairy products while preserving essential nutritional qualities.

Companies leveraging modern dairy processing technologies are gaining a competitive edge, achieving higher production efficiency, and meeting the growing demand for safe, high-quality

dairy products. The continuous evolution of dairy processing equipment is set to shape the future of the industry, ensuring sustainability, efficiency, and product innovation.

“DAIRY PROCESSING EQUIPMENT MARKET: TRENDS, DRIVERS, AND RESTRAINTS”

The dairy processing equipment market is evolving rapidly, driven by technological advancements and shifting consumer preferences. One of the key trends shaping the market is the increasing adoption of automation and IoT-enabled processing systems. Automated equipment enhances efficiency, reduces labor costs, and improves product consistency. Additionally, the rising demand for plant-based dairy alternatives has encouraged manufacturers to develop flexible processing systems capable of handling both dairy and non-dairy products. Sustainable and energy-efficient processing technologies are also gaining popularity as companies strive to reduce their carbon footprint and operational costs.

Several factors are driving market growth, including the rising global demand for dairy products such as milk, cheese, and yogurt. Strict food safety regulations have also prompted manufacturers to invest in advanced processing equipment that ensures hygiene and contamination control. Technological innovations such as real-time monitoring sensors, AI-driven automation, and blockchain-based traceability are further revolutionizing dairy processing. Additionally, the expansion of dairy production in emerging markets is fueling industry growth.

However, certain challenges restrain market growth. High initial investment costs, fluctuating raw material prices, and stringent environmental regulations pose barriers for manufacturers. Additionally, the complexity of advanced dairy processing equipment can lead to increased maintenance costs and technical difficulties. Despite these challenges, the industry continues to progress, driven by sustainability and modernization efforts.

Segmentation:

- By Product Type: - Pasteurizers, Homogenizers, Separators, Evaporators & Drying Equipment, Membrane Filtration Equipment, Others (Churning)
- By Application: - Processed Milk, Cream, Milk Powder, Cheese, Protein Ingredient, Others (Yogurt)

Regional Coverage:

- Asia Pacific: - Fastest-growing market, led by China, with rising dairy consumption and automation adoption.
- North America: - Growth driven by government investments, fast-food demand, and production expansion.
- Europe: - Moderate growth with rising cheese and butter exports and strategic investments.
- Middle East & Africa: - Expanding foodservice sector and increasing dairy imports drive market growth.
- Latin America: - Policy support and tax reforms aiding market recovery and production expansion.

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Key Industry Developments:

- May 2024: - GEA Group Aktiengesellschaft acquired South West Dairy Services, a family-owned business, to enhance its presence in South West England and expand its regional product portfolio.
- May 2024: - Paul Mueller Company, Inc. announced a USD 20 million expansion at its headquarters to address record backlog growth over the past two years. The 100,000-square-foot facility will focus on production enhancement and R&D improvements.

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