

Global Powder Handling Equipment Market Size Study & Forecast, by Technology (Mixing & Blending, Drying & Cooling), Type (Classifiers, Mills) and Regional Forecasts 2025-2035

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Abstracts

The Global Powder Handling Equipment Market is valued at approximately USD 5.53 billion in 2024 and is expected to expand steadily at a compound annual growth rate of 6.40% over the forecast period of 2025-2035, drawing from historical data across 2023 and 2024, with 2024 serving as the base year for estimation. Powder handling equipment encompasses a wide range of machinery engineered to process, transfer, mix, dry, compact, and store powdered and granular materials with precision and safety. These systems are integral to maintaining product consistency, minimizing material loss, and ensuring regulatory compliance across multiple industries. As manufacturers increasingly scale up operations while tightening quality control benchmarks, powder handling solutions are being worked into production lines as mission-critical infrastructure rather than auxiliary assets.

Market expansion is being carried forward by rising automation across industrial facilities and the growing need to streamline material handling processes while cutting down on operational inefficiencies. Industries such as food & beverage, pharmaceuticals, chemicals, and metals are leaning into advanced powder processing technologies to deal with challenges related to dust control, contamination risks, and batch-to-batch consistency. In parallel, stringent hygiene and safety regulations—particularly within pharmaceutical and food manufacturing—are pushing companies to phase out manual handling in favor of enclosed, automated systems. Continuous innovation in equipment design, coupled with the integration of smart sensors and process monitoring tools, is further setting the stage for long-term market growth, even as capital expenditure considerations temper adoption among smaller

operators.

The detailed segments and sub-segments included in the report are:

By Technology:

Mixing and Blending

Drying and Cooling

Sintering

Compaction / Punches and Dies

Others

By Type:

Classifiers

Mills

Rotary Dryers

Others

By End-User Industry:

Food & Beverage

Pharmaceutical

Cosmetic

Chemical

Material

Metal

Others

Among the technology segments, mixing and blending equipment is expected to dominate the market throughout the forecast period. This segment continues to be leaned on heavily due to its central role in ensuring uniformity and quality across powdered formulations. From pharmaceutical actives and excipients to food ingredients and specialty chemicals, efficient blending is foundational to downstream processing. The rising complexity of formulations and the need to handle diverse particle sizes and densities have driven manufacturers to double down on advanced mixing technologies that can deliver repeatability while scaling up throughput.

In terms of revenue contribution, mills currently lead the market by type, accounting for the largest share of global revenues. Milling equipment is extensively deployed across industries to achieve precise particle size reduction, which is critical for product performance, dissolution rates, and material reactivity. Continuous improvements in mill design aimed at reducing energy consumption, heat generation, and wear have further reinforced their market position. While classifiers and rotary dryers are witnessing growing demand, particularly in high-capacity processing environments, mills remain the revenue backbone of the powder handling equipment landscape.

From a regional standpoint, North America commands a significant share of the Global Powder Handling Equipment Market, underpinned by advanced manufacturing infrastructure, high automation penetration, and strong demand from pharmaceutical and food processing industries. Europe follows closely, driven by strict regulatory frameworks, sustainability-focused manufacturing, and steady investment in process optimization technologies. Asia Pacific is projected to register the fastest growth over the forecast period, as rapid industrialization, expanding pharmaceutical production, and rising food processing activities in countries such as China and India continue to accelerate demand for modern powder handling systems.

Major market players included in this report are:

Hosokawa Micron Group

Schenck Process Holding GmbH

Coperion GmbH

GEA Group AG

Buhler Group

FLSmidth & Co. A/S

IMA Group

Munson Machinery Company

Palamatic Process

Gericke AG

Kason Corporation

AZO GmbH + Co. KG

Flexicon Corporation

WAMGROUP

VAC-U-MAX

Global Powder Handling Equipment Market Report Scope:

Historical Data ? 2023, 2024

Base Year for Estimation ? 2024

Forecast period ? 2025?2035

Report Coverage ? Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope ? North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope ? Free report customization (equivalent to up to 8 analysts? working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define the market size of different segments and countries in recent years and to project their values over the coming decade. The report has been structured to blend quantitative metrics with qualitative insights, offering a comprehensive view of industry dynamics across the global landscape. It examines the key growth drivers and operational challenges shaping the market?s future, while also calling out emerging opportunities within niche applications and high-growth regions. In addition, the study maps the competitive environment in detail, enabling stakeholders to benchmark strategies, evaluate investment priorities, and position themselves effectively within the evolving powder handling ecosystem.

Key Takeaways:

Market estimates and forecasts spanning 2025 to 2035

Annualized revenue analysis at global and regional levels

Country-level insights across major geographic markets

Competitive landscape assessment with leading players

Strategic evaluation of business approaches and growth pathways

Analysis of market structure and competitive intensity

Comprehensive demand-side and supply-side assessment

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