

Global Waste Management Equipment Market to total US\$ 29,842.2 million by 2034, rising at a 4.5% CAGR- Fact.MR Report

Outsourcing waste management and integrated services are opening opportunities for equipment providers to offer comprehensive solutions.

ROCKVILLE, MD, UNITED STATES, March 4, 2025 /EINPresswire.com/ -- The [waste management equipment market](#) is expected to grow at a 4.5% CAGR between 2024 and 2034, according to Fact.MR. By 2034, the global market for these products is expected to reach US\$ 29,842.2 million. According to Fact MR, a provider of market research and competitive intelligence, the global Waste Management Equipment market is rapidly growing and is expected to continue its growth trajectory in the coming years.



Economic development in various regions is expected to drive infrastructure investments, including waste management systems, to address the challenges associated with increased urbanization and industrialization. Integration of IoT technologies in waste management equipment for real time monitoring, optimization, and data analytics is expected to improve operational efficiency and reduce costs.

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The trend towards decentralized waste management solutions, including on site composting, small scale recycling facilities, and modular waste treatment systems, is gaining traction for its efficiency and reduced transportation costs. Rising public awareness about the environmental impact of improper waste disposal is leading to increased support for waste management initiatives. Education programs and awareness campaigns are creating opportunities for market growth.

The integration of robotics and automation in waste sorting and processing is anticipated to improve efficiency, reduce manual labor, and enhance the overall performance of waste management systems. The development of smart cities and urban planning initiatives is creating opportunities for the integration of intelligent waste management systems, including sensor based technologies and data analytics for optimized waste collection routes.

Collaboration between waste management companies and technology providers, including startups and established tech firms, is expected to drive innovation in the sector, leading to the development of new and improved waste management solutions.

Key Takeaways from the Market Study

In 2024, the global waste management equipment market is projected to reach a valuation of US\$ 19,216.2 million. Among waste types, the semi-solid category is expected to dominate the market with a significant share of 45.2% in 2024. Within equipment segments, dump trucks are anticipated to hold a 27.0% market share by 2034, reflecting the growing demand for efficient waste transportation solutions.

Regionally, China is forecasted to lead the market with a substantial 56.9% share in 2024, driven by rapid industrialization and government initiatives for waste management. Meanwhile, North America is expected to experience steady growth, with a projected CAGR of 4.6% by 2034, supported by advanced waste processing technologies and stringent environmental regulations. The overall market outlook indicates significant growth potential, fueled by increasing urbanization, rising waste volumes, and the adoption of innovative waste management solutions globally.

“The adoption of waste reduction strategies by businesses and governments, such as zero-waste initiatives and extended producer responsibility programs, is influencing the need for advanced waste management equipment,” says a Fact.MR analyst.

Competitive Landscape

The waste management equipment market is influenced by a focus on innovation, global presence, and adherence to environmental regulations. Companies emphasize technology advancements, strategic partnerships, and cost competitiveness.

The ability to customize solutions, provide excellent customer support, and stay abreast of market trends, including digitalization and data analytics, are crucial for success in this dynamic industry. Continuous research and adaptation to evolving industry needs are essential for maintaining competitiveness.

Recent Development:

In June 2022, California based Sierra International Machinery LLC inaugurated a state-of-the-art manufacturing facility in Jesup, Georgia, USA. Covering an expansive 24,000 square feet, the new facility is established to enhance the production capacity of waste management equipment, meeting the growing demand for Sierra's products and contributing to business expansion.

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More Valuable Insights on Offer

Fact.MR, in its new offering, presents an unbiased analysis of the global waste management equipment market, presenting historical analysis from 2019 to 2023 and forecast statistics for the period of 2024 to 2034.

The study reveals essential insights based on waste management equipment market analysis by form (corona discharge, and UV radiation), by product type (dumpers truck (garbage collection truck), compactors (wheeled and unwheeled), cart lifters, screeners, feeders, conveyor systems, shredders, balers, grinders and granulators, sorting equipment, others), and by region (North America, Latin America, Europe, East Asia, South Asia and Oceania, and Middle East & Africa).

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[Europe Waste Shredder Market](#): The Europe waste shredder market is estimated to be valued at US\$ 228.0 Million in 2022 and further expand at a CAGR of 3.2% to reach US\$ 321.0 Million by the end of 2033.

[Automatic Waste Collection System Market](#): The global automatic waste collection system market is currently valued at US\$ 286.4 million. Worldwide sales of automatic waste collection systems are predicted to increase at a high CAGR of 8.9% to reach a market valuation of US\$ 671.9 million by 2032.

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