

Street Sweeper Market Growth to Reach US\$ 3.4 Billion at a CAGR of 4.4% by 2035 | Fact.MR

Street sweeper market grows with smart tech adoption, rising urbanization, and demand for sustainable, efficient municipal cleaning solutions

ROCKVILLE, MD, UNITED STATES, July 30, 2025 /EINPresswire.com/ -- The global [street sweeper market](#) is expected to grow from USD 2.2 billion in 2025 to USD 3.4 billion by 2035, registering a CAGR of 4.4%. This growth is fueled by stringent environmental regulations that are pushing the adoption of low-emission, eco-friendly street cleaning solutions.



These machines are increasingly favored in urban areas focused on sustainability and operational efficiency, especially in smart city frameworks that leverage IoT-enabled technologies for optimized performance and data-driven maintenance.

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What Are the Key Drivers of the Street Sweeper Market?

One of the primary growth drivers of the street sweeper market is the rapid expansion of road infrastructure, fueled by the need to enhance urban mobility and support economic development. As cities expand and road networks become more interconnected, the movement of people and vehicles increases—leading to a higher demand for regular street cleaning and maintenance. This, in turn, boosts the adoption of advanced street sweepers that help ensure hygiene, safety, and compliance with environmental regulations.

A major push comes from large-scale infrastructure investments. For instance, as of May 2024, the Bureau of Transportation Statistics highlighted that under the Infrastructure Investment and

Jobs Act, a total of USD 673.8 billion has been allocated to transportation initiatives. Of this, USD 379.3 billion—approximately 56%—is designated for highways, distributed evenly over five years from 2022 to 2026. This significant funding for road construction and upgrades is expected to drive the need for efficient street cleaning solutions across both urban and regional areas.

What Are the Regional Trends in the Street Sweeper Market?

North America holds a dominant position in the street sweeper market, supported by its advanced urban infrastructure, strict environmental regulations, and high urbanization levels. In countries like the U.S. and Canada, local governments and municipal bodies are investing in technologically advanced street cleaning equipment to enhance sanitation and reduce pollution, especially in densely populated urban areas.

Europe is also witnessing strong growth, largely driven by significant infrastructure investments, such as those under the Next Generation EU recovery plan. These initiatives are fueling the demand for modern street sweeping solutions to maintain clean roads and public spaces. The trend is particularly noticeable in Eastern European countries, where governments are actively upgrading outdated public sanitation equipment with modern, eco-friendly alternatives.

In the Asia-Pacific region, rapid urbanization and rising environmental awareness are propelling market growth. China and Hong Kong are emerging as key manufacturing hubs for compact and cost-effective street sweepers. Meanwhile, the increasing need for cleaner urban environments in fast-growing economies like India and China is opening up new opportunities for both domestic and international market players.

What Are the Challenges and Restraining Factors in the Street Sweeper Market?

One of the primary challenges facing the street sweeper market is the high upfront cost of advanced equipment—especially electric and hybrid sweepers—which are typically 30–50% more expensive than conventional diesel models. This cost barrier is particularly burdensome for smaller municipalities and low-income regions, where budget constraints make it difficult to transition from manual cleaning or outdated machinery to modern automated solutions. As a result, manual street sweeping remains widespread in parts of Africa and Southeast Asia, where economic limitations hinder large-scale equipment adoption.

Another significant restraint is the lack of charging infrastructure and technical support for electric street sweepers. While the demand for low-emission, environmentally friendly equipment is on the rise, many developing and emerging economies are not yet equipped to support electric vehicle operations. The absence of a robust charging network, coupled with a shortage of skilled technicians for maintenance, hampers the adoption of electric sweepers.

Competitive Analysis

The global street sweeper market is highly competitive, driven by innovations in emission control, smart technology, and automation. Established manufacturers and emerging tech players are focusing on GPS tracking, telematics, electric propulsion, and autonomous features to meet the evolving needs of municipalities and industrial clients.

Smart fleet integration, predictive maintenance, and IoT-based diagnostics are becoming key differentiators, helping reduce operational costs while improving performance and sustainability outcomes.

Leading players include Elgin Sweeper Company, Bucher Municipal, Aebi Schmidt Holding AG, Alamo Group Inc., Tennant Company, TYMCO Inc., Hako GmbH, and others.

Recent Developments:

Nilfisk (Mar 2025) launched the CS7500 sweeper-scrubber with touchscreen controls and ergonomic features.

Boschung (Jan 2025) introduced the Urban-Sweeper S2.0 MAX, its third electric sweeper, reinforcing its focus on sustainable urban cleaning.

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Segmentation of Street Sweeper Market

By Product :

Mechanical Broom Sweeper

Vacuum Sweeper

Regenerative Air Sweeper

By End-Use :

Municipal Corporation

Industrial

Others

By Propulsion :

Diesel

Electric

CNG/Gasoline

By Region :

North America

Latin America

Western Europe

Eastern Europe
East Asia
South Asia & Pacific
Middle East & Africa

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Contact:

11140 Rockville Pike
Suite 400
Rockville, MD 20852
United States
Tel: +1 (628) 251-1583
Sales Team: sales@factmr.com

S. N. Jha
Fact.MR
+1 628-251-1583
sales@factmr.com

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