

# Global Platform Screen Door Market to Reach \$1.52 Billion by 2034, Growing at a CAGR of 5.2%

*Discover how platform screen doors integrate AI and automation by enhancing passenger safety and optimize crowd management in efficient transit environments.*

MD, UNITED STATES, January 8, 2025

/EINPresswire.com/ -- The global

[platform screen door market](#) size is anticipated to be valued at US\$ 916.5 million in 2024. Projections indicate a steady expansion with a CAGR of 5.2% through 2034. The estimated growth is set to raise the platform screen door market to US\$ 1,521.6 million by 2034. The market is projected to surpass a valuation of US\$ 1521.6 million by 2034. The platform screen door (PSD) market is witnessing a significant growth driven by the increasing emphasis on passenger

safety, urbanization trends, and technological advancements in public transportation systems. PSDs act as physical barriers between the train platform and the railway track, preventing accidents, enhancing passenger safety, and optimizing crowd management.

As urbanization accelerates globally, cities expand their public transportation networks to accommodate growing populations. This surge in transportation infrastructure projects, such as metros and railways, fuels the demand for PSDs to address safety concerns and improve overall transit efficiency.

The market's growth is further propelled by integrating advanced technologies into PSD systems, including artificial intelligence (AI) and automation. AI-powered sensors and automated mechanisms enhance the effectiveness of PSDs, making them more responsive and adaptable to



Platform Screen Door Market

real-time conditions. These technological enhancements contribute to the seamless and safe operation of public transportation systems, attracting investments from key players in the market.

Governments and transportation authorities worldwide increasingly recognize PSDs' importance in creating secure and efficient transit environments. Strict safety regulations and a growing awareness of passenger well-being drive the implementation of PSDs as an integral component of modern transit hubs. The globalization of public transit projects and smart city initiatives further amplifies the demand for PSDs as cities strive to develop intelligent and sustainable transportation networks.

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In addition to safety considerations, the PSD market is evolving to address environmental concerns and passenger experience. PSDs contribute to energy efficiency by minimizing air conditioning losses, reducing noise levels, and providing a barrier against external elements. The future of the PSD market is characterized by a harmonious integration of advanced technologies, enhanced safety features, and a commitment to providing passengers with secure and comfortable travel experiences.

### Key Takeaways from Market Study

- The global platform screen door market is projected to expand at a CAGR of 5.2% through 2034.
- The North America platform screen door market is expected to grow at a remarkable CAGR of 5.7% through 2034.
- The platform screen door industry in the United States holds a dominant share of 64.6% in 2024. The United States dominates the global platform screen door market, valued at US\$ 122 million in 2024.
- The platform screen door industry in China is expected to rise at a CAGR of 5.9% through 2034.
- Based on the station type, old metro stations hold a 45.3% market share in 2024.
- The semi height segment dominates product type with a 21.6% share in 2024.

“The increasing trend of urbanization and the subsequent rise in urban transit systems drives the platform screen door (PSD) market,” says a Fact.MR analyst.

### Competitive Analysis

The platform screen door market's competitive landscape showcases established leaders and innovative entrants. Industry players focus on strategic collaborations and technological advancements, intensifying competition.

Diverse regional standards and constant research & development contribute to a dynamic environment, shaping the market's evolution amid the growing demand for enhanced transit safety solutions.

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More Valuable Insights on Offer

Fact.MR, in its new offering, presents an unbiased analysis of the platform screen door market for 2019 to 2023 and forecast statistics for 2024 to 2034.

The study divulges essential insights into the market based on By Station Type (New Metro Stations, Old Metro Stations), By Product Type (Full Height, Semi Height, Half Height), By Region (North America, Latin America, Western Europe, Eastern Europe, South Asia and Pacific, East Asia, Middle East and Africa)

Key Companies Profiled-

Nabtesco Corporation; Nanjing Kangni Mechanical & Electrical Co., Ltd.; Zhuzhou CRRC Times Electric Co., Ltd.; Knorr-Bremse AG; Nippon Signal Co.,Ltd.; Kyosan Electric Manufacturing Co., Ltd.; Overhead Door Corporation; Sai Synergy LLP; Samsung Tech Co.,Ltd.; Singapore Technologies Engineering Ltd; Schaltbau Holding AG

Competitive Landscape

The competitive landscape of the platform screen door (PSD) market is characterized by the presence of established players and emerging competitors vying for market share. Key industry leaders, such as [mention notable companies], dominate with their extensive product portfolios and global market presence. These companies often focus on strategic collaborations, mergers, and acquisitions to strengthen their market position and expand their technological capabilities.

Simultaneously, innovative start-ups bring dynamism to the market by introducing cutting-edge technologies and solutions. The competitive environment is marked by ongoing research and development initiatives to enhance PSD functionalities and overall system intelligence, particularly in AI integration.

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The global [small engine market](#) is estimated to be valued at US\$ 3,906.6 million in 2024. Projections indicate a steady expansion with a CAGR of 4.3% through 2034. Anticipated growth is

set to propel the market to an impressive size of US\$ 5,951.7 million by 2034. The growing need for sustainable solution to boost the market demand.

The global [frameless brushless DC motor market](#) size is pegged at US\$ 9.53 billion in 2024, reveals the latest market study published by Fact.MR. As per the report, worldwide sales of frameless BLDC (brushless DC) motors are predicted to rise at a CAGR of 4.6% and reach US\$ 14.94 billion by 2034-end.

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