

Automatic Door Industry Heads Toward USD 56.21 Billion as Smart Access Solutions Drive a 7.8% CAGR

The demand for customized automatic doors is on the rise, as businesses seek solutions that align with their unique architectural styles

NEW YORK, NY, UNITED STATES, August 26, 2026 /EINPresswire.com/ -- The Automatic Door Market was estimated at 24.6 USD Billion in 2024. The Automatic Door industry is projected to grow from 26.52 USD Billion in 2025 to 56.21 USD Billion by 2035, exhibiting a compound annual growth rate (CAGR) of 7.8% during the forecast period 2025 - 2035.

Market Overview

Automatic doors are motorized door systems designed to open and close automatically in response to various triggers including motion sensors, pressure sensors, keycard access, biometric systems, or push buttons. These sophisticated systems incorporate electric motors, control units, sensors, and safety mechanisms to provide convenient, hands-free access while maintaining security and energy efficiency.



The Automatic Door Market experiences a notable surge in demand for contactless solutions, driven by the growing emphasis on hygiene and safety"

Swapnil Palwe

Automatic doors include sliding doors, swing doors, revolving doors, folding doors, and specialized hospital and cleanroom doors, serving applications across commercial buildings, hospitals, retail stores, airports, hotels, industrial facilities, and residential complexes. The technology enhances accessibility for people with disabilities, improves traffic flow, maintains climate control, and supports hygiene in healthcare and food service environments.



The [Automatic Door market Share](#) is experiencing significant growth driven by several key factors. The increasing construction activity in commercial and residential sectors globally is a primary growth driver. Rapid urbanization and the need for modern infrastructure in developing regions are creating demand for automatic door systems. The aging population and increasing focus on accessibility, driven by regulations such as the Americans with Disabilities Act (ADA), are creating demand for automated entry solutions. The growing emphasis on hygiene and infection control, particularly in healthcare and food service sectors, is driving adoption of touchless automatic doors.

Key industry trends shaping the automatic door market include the integration of IoT connectivity and smart building technologies, enabling remote monitoring, predictive maintenance, and integration with building management systems. The growing demand for touchless and sensor-based entry systems, accelerated by the pandemic, is driving innovation in motion sensors, radar sensors, and gesture-based controls. The increasing focus on energy efficiency and sustainability is promoting the adoption of automatic doors with enhanced insulation and sealing capabilities. The adoption of advanced security features including biometric access control and integration with security systems is gaining momentum.

The market is also benefiting from technological advancements in sensor technology and door control systems. Innovations in microwave radar sensors, infrared sensors, and 3D imaging sensors are improving detection accuracy and reliability. The development of low-energy automatic door operators for residential applications is expanding the market. Advances in glass technology and door design are enhancing aesthetics and thermal performance.

Policy and regulatory frameworks are influencing the automatic door market landscape. Building codes and accessibility regulations, including ADA requirements in the United States, mandate automatic doors in certain building types. Energy efficiency regulations and building green certification programs encourage automatic door adoption for climate control. Healthcare facility regulations require hands-free access for infection control. Safety standards, including EN 16005 and ANSI 156.10, govern automatic door safety requirements.

The demand outlook for automatic doors remains positive, supported by continued construction activity, accessibility requirements, and the growing focus on smart building solutions. The replacement of aging door systems in existing buildings and the modernization of commercial facilities will drive market growth.

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Market Segmentation

By Door Type: The market is segmented by door type into sliding doors, swing doors, revolving doors, folding doors, and others. Sliding doors dominate the market, widely used in retail,

hospitals, and commercial buildings due to their space efficiency and aesthetics. Swing doors are used in various applications requiring both manual and automatic operation. Revolving doors offer energy efficiency benefits in high-traffic buildings.

By Operation Type: The market is categorized by operation mechanism into sensor-based automatic doors, push button activated doors, and access control systems. Sensor-based doors dominate the market, using motion, radar, or presence sensors. Access control systems integrate with security infrastructure for restricted access applications.

By Application: The market is segmented by end-use sector into commercial buildings, healthcare facilities, retail stores, airports and transportation hubs, hotels and hospitality, industrial facilities, and residential buildings. Commercial buildings represent the largest segment. Healthcare facilities are growing rapidly driven by hygiene requirements. Transportation hubs including airports and train stations use automatic doors for high-traffic flow.

By Drive System: The market is segmented by drive mechanism into hydraulic automatic doors and electric automatic doors. Electric automatic doors dominate the market, offering precise control and easier integration with sensors and access control systems. Hydraulic systems are used in heavy-duty applications.

By Region: The market is analyzed across North America, Europe, Asia-Pacific, Latin America, and the Middle East and Africa. Asia-Pacific is the largest and fastest-growing regional market.

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Regional Analysis

North America: The North American automatic door market is characterized by strong regulatory requirements, advanced building infrastructure, and high adoption of smart building technologies. The United States leads the region, driven by ADA compliance, commercial construction, and healthcare sector demand. Canada's infrastructure development and aging population contribute to demand. The region's focus on energy efficiency and building automation supports market growth.

Europe: Europe is a significant market driven by building regulations, accessibility requirements, and energy efficiency standards. Germany, UK, France, and Italy are key markets. The region's leadership in building technology and smart building concepts supports automatic door adoption. Environmental regulations and energy performance requirements drive demand for energy-efficient door solutions.

Asia-Pacific: Asia-Pacific is the largest and fastest-growing automatic door market, driven by

rapid urbanization, commercial construction, and infrastructure development across major economies. China leads the market, supported by extensive commercial and residential construction. India is emerging as a significant market driven by urban development and infrastructure investment. Japan and South Korea are mature markets with advanced building technology adoption. Southeast Asian countries including Singapore, Malaysia, and Thailand are experiencing rapid growth.

Latin America: The Latin American market is developing, with Brazil and Mexico as key markets. Commercial construction and modernization drive demand. Infrastructure investment and growing accessibility awareness support market expansion.

Middle East and Africa: The region presents emerging opportunities driven by infrastructure development and commercial construction. UAE and Saudi Arabia are key markets with significant building projects. Africa presents opportunities in South Africa and major urban centers.

Competitive Landscape / Key Players

The global automatic door market is characterized by a mix of established global manufacturers, specialized door system providers, and regional suppliers. Key companies operating in the market include:

Assa Abloy AB: A global leader in door opening solutions, offering comprehensive automatic door systems including sliding, swing, and revolving doors. Assa Abloy's technology and global presence support its market leadership.

Dormakaba Group: A leading provider of access and security solutions, offering automatic door systems for commercial and industrial applications. Dormakaba's technology and innovation support its market position.

Nabtesco Corporation: A specialized manufacturer of automatic door systems, particularly for railway and commercial applications. Nabtesco's expertise in high-performance doors supports its market position.

Stanley Access Technologies: A leading provider of automatic door systems, offering solutions for commercial, healthcare, and retail applications. Stanley's distribution network supports its market presence.

Boon Edam Inc.: A specialist in revolving doors and security entrance solutions, offering high-quality automatic door systems.

Other notable players include Geze, Manusa, Portalp, and numerous regional manufacturers. Strategic developments include product innovations, technology partnerships, and expansion into emerging markets.

Latest Industry News & Developments

December 2025: Assa Abloy announced a new line of automatic doors with integrated IoT connectivity and predictive maintenance capabilities, targeting commercial building automation.

November 2025: Dormakaba introduced a new sensor system for automatic doors featuring 3D imaging technology for enhanced detection and safety.

October 2025: A major US healthcare system announced a program to upgrade all patient entry points with automatic touchless door systems, highlighting healthcare demand.

Market Challenges & Opportunities

Key Restraints: The automatic door market faces challenges including the higher initial cost compared to manual doors, affecting budget-sensitive projects. Installation complexity and requirement for qualified technicians affects project timelines. Maintenance requirements and the need for specialized technical expertise affects lifecycle costs. Power consumption of door operators affects energy costs and efficiency considerations.

Emerging Opportunities: The automatic door market presents substantial opportunities in the growing smart building and building automation sector. Healthcare sector growth and hygiene requirements create demand for touchless automatic doors. The aging population and accessibility requirements support adoption. Residential automatic doors for accessibility and convenience offer growth potential.

Future Potential: The long-term potential of the automatic door market is supported by continued construction activity, regulatory requirements for accessibility, and the trend toward smart buildings. Technological advancements in sensors, controls, and connectivity will enhance functionality and performance. The essential role of automatic doors in providing accessibility, convenience, energy efficiency, and hygiene ensures sustained market demand and significant long-term growth potential.

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Final Market Summary

The global Automatic Door market is poised for strong growth, with projections indicating an expansion from USD 26.52 billion in 2025 to USD 56.21 billion by 2035, at a CAGR of 7.8%. This growth is driven by commercial and residential construction activity, aging population and accessibility requirements, hygiene awareness, and smart building trends. Asia-Pacific leads as the largest and fastest-growing market, supported by rapid urbanization and infrastructure development. Technological advancements in sensors, controls, and IoT connectivity are

enhancing functionality and operational efficiency. Despite challenges including higher costs and installation complexity, the essential role of automatic doors in providing accessibility, convenience, and energy efficiency ensures sustained market demand and significant long-term growth potential throughout the forecast period.

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