

Automated Barriers And Bollards Market Size & Share Analysis - Growth Trends and Forecast (2025 - 2030)

> **Industry:** Green Buildings & Sustainable Construction (Real Estate & Construction)
> **Source:** <https://www.mordorintelligence.com/industry-reports/automated-barriers-and-bollards-market>
> **Scraped Date:** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 22.73 billion
Projected Forecast (2031)	USD 22.73 billion
Growth Rate (CAGR)	3.80 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

! [Major players in Automated Barriers And Bollards industry] (images/chart_2.png)

! [Automated Barriers And Bollards Market (2025 - 2030)] (images/chart_3.png)

! [Automated Barriers and Bollards Market: Market Share by Product Type] (images/chart_4.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview	Study Period	2019 - 2030
Market Size (2025)		USD 22.73 Billion
Market Size (2030)		USD 27.39 Billion
Growth Rate (2025 - 2030)		3.80 %
Fastest Growing Market		Asia Pacific
Largest Market		Europe

Market Concentration | Medium |

Major Players*Disclaimer: Major Players sorted in no particular order

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Market Overview

Automated Barriers And Bollards Market Analysis by Mordor IntelligenceThe Automated Barriers and Bollards Market size is estimated at USD 22.73 billion in 2025 and is expected to reach USD 27.39 billion by 2030, at a CAGR of 3.80% during the forecast period (2025-2030). Momentum comes from rising global security mandates, the rapid roll-out of smart-city programs, and airport, rail, and mixed-use campus expansions that call for certified perimeter protection systems. Europe keeps its lead position, while Asia-Pacific records the fastest compound growth on the strength of large-scale infrastructure projects. Product innovation now centers on IoT-ready bollards, solar-powered off-grid models, and software that predicts maintenance needs, reducing lifetime costs of ownership. Competitive intensity is moderate as large incumbents combine strategic acquisitions with proprietary radio protocols and crash-rating upgrades, while smaller specialists carve out share through smart-city pilots and tourist-district roll-outs.

Key Report Takeaways* By product type, barriers commanded 53.5% of Automated Barriers and Bollards market share in 2024, whereas bollards are projected to expand at a 4.75% CAGR through 2030.

* By control mechanism, the remote-controlled segment held 43.21% revenue share in 2024; loop detectors are the fastest-growing at 4.90% CAGR to 2030.

* By end-user, commercial buildings led with 43.0% share of the Automated Barriers and Bollards market size in 2024, while the "Others" category (including tourism districts and campuses) advances at 5.10% CAGR.

* By geography, Europe accounted for 31.2% of 2024 revenue; Asia-Pacific is forecast to record a 5.60% CAGR through 2030.

Key Market Trends

Market Trends and InsightsDrivers Impact Analysis of Automated Barriers And Bollards Market*Driver | % Impact on CAGR Forecast | Geographic Relevance | Impact Timeline |

Proliferation of smart-city projects integrating automated access control | +1.2% | Global, with early adoption in EU & North America | Medium term (2-4 years) |

Rising security concerns amid increasing vehicle-ramming incidents | +0.8% | Global, concentrated in high-risk urban areas | Short term (≤ 2 years) |

Expansion of transportation hubs & parking infrastructure | +0.6% | APAC core, spill-over to MEA | Long term (≥ 4 years) |

Government mandates for perimeter security at critical infrastructure | +0.4% | North America & EU, expanding to APAC | Medium term (2-4 years) |

Convergence of automated barriers with IoT-enabled predictive maintenance | +0.3% | Global, led by developed markets | Medium term (2-4 years) |

Growing adoption of solar-powered off-grid rising bollards in smart tourism districts | +0.2% | Global tourism hubs, concentrated in coastal regions | Long term (≥ 4 years) |

Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

The automated barriers and bollards market exhibits moderate fragmentation with established players competing through technology integration and strategic acquisitions rather than price competition alone. Market leaders like Hill & Smith, F

AAC Group, and Hörmann maintain competitive advantages through comprehensive product portfolios and established distribution networks while emerging players focus on IoT integration and smart city applications. The competitive intensity is increasing as manufacturers recognize the need for integrated solutions that combine physical barriers with predictive maintenance capabilities and remote monitoring systems.

Strategic consolidation is reshaping the competitive landscape, exemplified by Hill & Smith's USD 6.25 million acquisition of Capital Steel Service in January 2024 to expand its engineered solutions portfolio. Technology differentiation is becoming critical, with companies like Hörmann developing proprietary BiSecur radio technology to address urban congestion challenges and CAME offering high-security bollards with specific crash ratings. White-space opportunities exist in solar-powered off-grid applications and integrated smart city solutions that combine access control with traffic management. The market is witnessing the emergence of specialized players who focus on niche applications like tourism districts and critical infrastructure, creating opportunities for companies that can demonstrate compliance with evolving security standards while offering innovative deployment models.

Automated Barriers And Bollards Industry Leaders* Automatic Systems

- * Avon Barrier

- * Macs Automated Bollard Systems Ltd

- * Houston Systems Private Limited

- * Magnetic Autocontrol GmbH

- * *Disclaimer: Major Players sorted in no particular order

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Component Component 3 Scope Of The Report Bottom

Global Automated Barriers And Bollards Market Report Scope Automated Barriers and Bollards are gaining popularity because of developing concerns regarding public safety and security in crowded and industrial areas, for example, food courts, theaters, and shows. Boundary entryways are level shafts or bars turned to deal with the progression of vehicles by permitting or stopping the vehicle. Street construction has given an approach to mechanized boundaries to be introduced out and about (center or sideways) globally. Automated barriers and bollards products limitation of vehicle entry in multiple indoor and outdoor construction, for example, tollgates, high-security areas, parking areas of retail outlets, workplaces, hotels, and sports centers.

It also provides a comprehensive analysis of the Segmentation By Product (Push Button, Remote Controlled, RFID Tags Reader, Loop Detectors), By End-user (Residential, Commercial, Industrial), By Geography (North America, Europe, Asia-Pacific, Middle East & Africa and Rest of the world).

The report offers the market sizes and forecasts for the automated barriers and bollards market in value (USD) for all the above segments. Furthermore, the report also provides company profiles of leading market players to understand the competitive landscape of the market.

By Product Type Barriers |
Bollards |

Segmentation Accordion Item

By Geography North America | United States |

- | Canada |
- | Mexico |
- South America | Brazil |
- | Argentina |
- | Chile |
- | Rest of South America |
- Europe | United Kingdom |
- | Germany |
- | France |
- | Italy |
- | Spain |
- | Netherlands |
- | Rest of Europe |
- Middle East and Africa | Saudi Arabia |
- | United Arab Emirates |
- | South Africa |
- | Nigeria |
- | Rest of Middle East and Africa |
- Asia-Pacific | China |
- | India |
- | Japan |
- | South Korea |
- | Australia |
- | Indonesia |
- | Rest of Asia-Pacific |

Frequently Asked Questions

What is the current Automated Barriers and Bollards Market size?

The current Automated Barriers and Bollards Market size in 2025 is USD 22.73 billion.

Who are the key players in Automated Barriers and Bollards Market?

Automatic Systems, Avon Barrier, Macs Automated Bollard Systems Ltd, Houston Systems Private Limited and Magnetic Autocontrol GmbH are the major companies operating in the Automated Barriers and Bollards Market.

Which is the fastest growing region in Automated Barriers and Bollards Market?

Asia-Pacific is estimated to grow at the highest CAGR over the forecast period (2025-2030).

Which region has the biggest share in Automated Barriers and Bollards Market?

In 2025, the North America accounts for the largest market share in Automated Barriers and Bollards Market.

What years does this Automated Barriers and Bollards Market cover?

The report covers the Automated Barriers and Bollards Market historical market size for years: 2020, 2021, 2022, 2023 and 2024. The report also forecasts the Automated Barriers and Bollards Market size for years: 2025, 2026, 2027, 2028, 2029 and 2030.