Airport Robots Market CAGR to be at 16.6% from 2025 to 2029 | $3.15 Billion Industry Revenue by 2029

The Business Research Company's Airport Robots Market CAGR to be at 16.6% from 2025 to 2029 | $3.15 Billion Industry Revenue by 2029

The Business Research Company

LONDON, GREATER LONDON, UNITED KINGDOM, October 20, 2025 /EINPresswire.com/ -- "Get 20% Off All Global Market Reports With Code ONLINE20 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors

What Is The Projected Market Size & Growth Rate Of The Airport Robots Market?
The market size for airport robots has been expanding swiftly during the recent years. There is projected growth from a value of $1.47 billion in 2024, burgeoning to $1.7 billion in 2025, with a compound annual growth rate (CAGR) set at 15.3%. The exceptional growth in the past years can be credited to the early adoption of robots, a surge in passenger traffic, focus on amplifying efficiency and productivity, enhanced safety procedures, and strategies aimed at saving costs.

> Expected to grow to $3.15 billion in 2029 at a compound annual growth rate (CAGR) of 16.7%"
>
> *The Business Research Company*

In the coming years, the market for airport robots is anticipated to experience tremendous growth, with its worth escalating to $3.15 billion by 2029 at a CAGR of 16.7%. Factors fueling this growth during the projected period include the rise in passenger traffic, the implementation of automation to enhance efficiency, artificial intelligence and machine learning adoption, cost-cutting measures, and partnerships with airlines and airports. During the projected period, significant trends encompass improved passenger experience, robots for cleaning and disinfection, automation for baggage handling, security, and surveillance robots, along with contactless services.

Download a free sample of the airport robots market report:
https://www.thebusinessresearchcompany.com/sample.aspx?id=10638&type=smp

What Is The Crucial Factor Driving The Global Airport Robots Market?
The airport robots market is anticipated to thrive in light of the rise in airport automation. Automation, defined as the employment and advancement of technology to create and distribute goods and services with minimal human involvement, enhances reliability and efficiency of various operations that were traditionally handled manually. Airport robots, elements of automation technology, enhance efficiency and reliability in managing airport tasks, attaining tasks more accurately and swiftly, thereby augmenting passenger experience. To illustrate, SITA, an air transport industry-based tech firm located in Switzerland, unveiled the 2022 Airport IT Insights Survey report in April 2023. The report highlighted the surge in investments in IT to facilitate digitalization and automation in airports, resulting in a total expenditure of about $6.8 billion in 2022. Compared to the 4.66% spending of revenue in 2021, there was a slight increase to 4.73% in 2022. Hence, the escalating automation in airports is propelling the growth of the airport robots market onwards.

Who Are The Emerging Players In The Airport Robots Market?
Major players in the Airport Robots Global Market Report 2025 include:
• ABB Ltd.
• Avidbots Corp.
• Cyberdyne Inc.
• ECA Group
• LG Corporation
• SITA
• SoftBank Group Corp.
• UVD Robots
• Advanced Navigation and Positioning Corporation
• Elenium Automation Pty Ltd.

What Are The Key Trends Shaping The Airport Robots Industry?
The increased uptake of artificial Intelligence (AI) is a key trend currently making waves in the airport robot market. Major industry players are dedicated to introducing new technologies as a means to maintain their market foothold. For example, in January 2022, Secom Co. Ltd., a security service firm based in Japan, unveiled Cocobo. This security robot is equipped with advanced technologies like AI and 5G, enabling it to offer an array of services, including patrols and inspections. Cocobo can autonomously navigate a set patrol route without colliding with people or objects. It is capable of patrolling multi-story spaces, operates in tandem with lifts, and is fit for outdoor patrolling in all weather conditions due to its waterproof specification.

What Segments Are Covered In The Airport Robots Market Report?
The airport robots market covered in this report is segmented –

1) By Type: Humanoid, Non-Humanoid
2) By Application: Landside, Terminal

3) By End User: Airport Security, Boarding Pass Scanning, Airport Baggage Handling System, Passenger Guidance, Other End Users

Subsegments:
1) By Humanoid: Service Robots, Security Robots
2) By Non-Humanoid: Baggage Handling Robots, Cleaning Robots, Delivery Robots

View the full airport robots market report:
https://www.thebusinessresearchcompany.com/report/airport-robots-global-market-report

Which Region Is Projected To Hold The Largest Market Share In The Global Airport Robots Market?
In 2024, North America took the lead as the premier region featured in the Airport Robots Global Market Report 2025. Asia-Pacific is predicted to witness the most accelerated growth in the upcoming period. The report encapsulates data from several regions, including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Reports Similar to the Global Airport Robots Market 2025, By The Business Research Company

Airport Stands Equipment Global Market Report 2025
https://www.thebusinessresearchcompany.com/report/airport-stands-equipment-global-market-report

Airport Baggage Handling System Global Market Report 2025
https://www.thebusinessresearchcompany.com/report/airport-baggage-handling-system-global-market-report

Smart Airport Global Market Report 2025
https://www.thebusinessresearchcompany.com/report/smart-airport-global-market-report

Speak With Our Expert:
Saumya Sahay
Americas +1 310-496-7795
Asia +44 7882 955267 & +91 8897263534
Europe +44 7882 955267
Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:
• LinkedIn: https://in.linkedin.com/company/the-business-research-company"

Oliver Guirdham
The Business Research Company
+44 7882 955267
info@tbrc.info
Visit us on social media:
LinkedIn
Facebook
X
