

Airport Baggage Handling System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/AF0DBF321A23EN.html>

Date: February 2023

Pages: 110

Price: US\$ 2,499.00 (Single User License)

ID: AF0DBF321A23EN

Abstracts

The global airport baggage handling system market size reached US\$ 3.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.6 Billion by 2028, exhibiting a growth rate (CAGR) of 10.8% during 2023-2028.

The baggage handling system (BHS) is a conveyor mechanism that is used to transfer checked luggage from the ticketing counters to airplane loading gates and vice versa. It is also used for bag tracking, load balancing, volume regulation and screening luggage for security reasons. The system utilizes devices such as barcode scanners, radio frequency sensors, tilt tray sorters, Automatic Jam Readers (AJR), Automatic Tag Readers (ATR) and vertical sortation units. They aim toward providing efficient and transparent baggage handling to the travelers and minimizing the workload for the ground staff. As a result, traditionally used manual sorting equipment and machines are being replaced by fully automated and computer-guided technologies.

A flourishing aviation industry, along with rapid modernization of airports across the globe are the key factors driving the growth of the market. Furthermore, an increasing number of flight passengers, coupled with frequent terrorist threats, has escalated the airport security concerns. Additionally, the growth of international trade and the rise in tourism across the globe has also impacted the aviation industry, which further drives the necessity for these systems. Moreover, technological advancements such as the utilization of robots for the baggage handling process along with endeavors such as the establishment of new airports and expansion of existing terminals are also expected to create a positive outlook for the market. Other factors contributing to the market growth include enhanced focus on research and development (R&D) by the market players to develop more advanced product variants with quick turnaround time and increased

capacity. For instance, Siemens Postal, Parcel & Airport Logistics GmbH (SPPAL-Germany) renewed its contract with Abu Dhabi International Airport (AUH) in the year 2015, which aimed for the renovation of the BHS at Terminal 1 and 3 for offering a capacity of more than 4800 bags per hour.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global airport baggage handling system market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on identification technology, airport class, check-in type, type, efficiency and cost analysis.

Breakup by Identification Technology:

Barcode System

RFID System

Breakup by Airport Class:

Class A Airport

Class B Airport

Class C Airport

Breakup by Check-In Type:

Assisted Service Bag Check-In

Self-Service Bag Check-In

Breakup by Type:

Conveyor System

Destination Coded Vehicle

Breakup by Efficiency:

Below 3000

3000 to 6000

Above 6000

Breakup by Cost Analysis:

Operational Cost Analysis

Installation Cost Analysis

Breakup by Region:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Siemens, Vanderlande, Daifuku Co., Ltd, Pteris Global, Beumer Group, Fives Group, G&S Airport Conveyor, Grenzebach Maschinenbau, BCS Group, Logplan, Glidepath Limited, Ansir Systems, Babcock International Group, SITA, etc.

Key Questions Answered in This Report

1. What was the size of the global airport baggage handling system market in 2022?
2. What is the expected growth rate of the global airport baggage handling system market during 2023-2028?
3. What are the key factors driving the global airport baggage handling system market?
4. What has been the impact of COVID-19 on the global airport baggage handling system market?
5. What is the breakup of the global airport baggage handling system market based on the identification technology?
6. What is the breakup of the global airport baggage handling system market based on the airport class?
7. What is the breakup of the global airport baggage handling system market based on check-in type?
8. What is the breakup of the global airport baggage handling system market based on the type?
9. What is the breakup of the global airport baggage handling system market based on the efficiency?
10. What are the key regions in the global airport baggage handling system market?
11. Who are the key players/companies in the global airport baggage handling system market?

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