

Baggage Handling Systems Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2025-06-23 | 150 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Baggage Handling Systems Market was valued at USD 12.9 billion in 2024 and is estimated to grow at a CAGR of 6.8% to reach USD 24.5 billion by 2034. Growth is primarily driven by large-scale airport expansions and modernization projects across Asia, Africa, and the Middle East. Governments and private stakeholders in these regions are prioritizing smart airport infrastructure with a focus on automation and passenger convenience. Meanwhile, legacy airport facilities in the U.S. and Europe are undergoing retrofits, which continue to generate steady aftermarket demand. In 2024, significant infrastructure funding announced by U.S. transportation authorities emphasized upgrades in terminal baggage systems.

With rising air traffic and regulatory demands, airports are transitioning to energy-efficient, modular, and software-enabled systems. Digital technologies, predictive maintenance, and automation are now essential components of the modern baggage-handling architecture. These factors are collectively reshaping system requirements and fueling consistent demand for innovative solutions across both developed and emerging aviation hubs. Smart baggage tracking, enhanced security compliance, and seamless passenger movement are becoming critical benchmarks that drive investment and adoption of advanced baggage handling systems on a global scale.

The conveying systems segment generated USD 5.4 billion in 2024 and will reach USD 9.8 billion by 2034. Conveyors serve as the backbone of all baggage operations, facilitating luggage transfers between key airport checkpoints - from check-in to screening, sorting, and carousels. Their high operational importance and need for routine maintenance make them the most widely adopted component in both new airport builds and modernization projects. No baggage handling system can function efficiently without a reliable and expansive conveyor infrastructure, which justifies its dominant share in total system expenditure.

In 2024, the airport segment contributed USD 9.3 billion, securing a 72.5% share. Airports continue to be the largest consumers of baggage handling systems due to the intense demands associated with passenger flow, baggage accuracy, and regulatory compliance. Each component of terminal design and passenger routing is planned around BHS installations, making them integral to operational continuity. As air travel increases, airport operators are accelerating their adoption of these systems to manage growing luggage volumes and streamline operations.

U.S. Baggage Handling Systems Market was valued at USD 2.54 billion in 2024 and is expected to grow at a CAGR of 6.1% through

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2034 driven by robust federal infrastructure investments and evolving security regulations. Mandates for advanced explosive detection systems and the growing use of RFID and predictive technologies are leading to widespread upgrades in U.S. airports. Baggage systems are shifting from purely mechanical setups to digital-first platforms aligned with smart airport goals. Integrated software systems, automation, and AI-driven tools are becoming standard, helping reduce baggage mishandling while enhancing passenger satisfaction.

Top companies influencing the market include BEUMER Group, Alstef Group, BCS Group, Daifuku Co., Ltd., and CIMC-TianDa Holdings. Leading players in the baggage handling systems market are pursuing a combination of digital transformation, global expansion, and product modularity to strengthen their market positions. Firms are investing heavily in software-integrated platforms that support automation, predictive maintenance, and real-time baggage tracking. Customization and modular system design are key to catering to diverse airport sizes and layouts. Companies are entering long-term partnerships with airport authorities and aviation contractors to secure large-scale installation and service contracts. In emerging markets, localization strategies are enabling players to adapt systems to regional operational needs.

□

Table of Contents:

Report Content

Chapter 1 Methodology & Scope

- 1.1 Market scope and definition
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Data mining sources
 - 1.3.1 Global
 - 1.3.2 Regional/Country
- 1.4 Base estimates and calculations
 - 1.4.1 Base year calculation
 - 1.4.2 Key trends for market estimation
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
- 1.6 Forecast model
- 1.7 Research assumptions and limitations

Chapter 2 Executive Summary

- 2.1 Industry 360 synopsis
- 2.2 Key market trends
 - 2.2.1 System type
 - 2.2.2 Mode of operation
 - 2.2.3 Technology
 - 2.2.4 End use
- 2.3 CXO perspective: strategic imperatives
 - 2.3.1 Key decision points for industry executives
 - 2.3.2 Critical success factors for market players
- 2.4 Future outlook and strategic recommendations

Chapter 3 Industry Insights

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.1 Industry ecosystem analysis
 - 3.1.1 Supplier landscape
 - 3.1.2 Profit margin
 - 3.1.3 Value addition at each stage
 - 3.1.4 Factor affecting the value chain
- 3.2 Industry Impact forces
 - 3.2.1 Growth drivers
 - 3.2.2 Industry pitfalls & challenges
 - 3.2.3 Opportunities
- 3.3 Growth potential analysis
- 3.4 Future market trends
- 3.5 Technology and innovation landscape
 - 3.5.1 Current technological trends
 - 3.5.2 Emerging technologies
- 3.6 Price trends
 - 3.6.1 By region
 - 3.6.2 By system
- 3.7 Regulatory landscape
 - 3.7.1 Standards and compliance requirements
 - 3.7.2 Regional regulatory frameworks
 - 3.7.3 Certification standards
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

Chapter 4 Competitive Landscape, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
 - 4.2.1 By region
 - 4.2.1.1 North America
 - 4.2.1.2 Europe
 - 4.2.1.3 Asia Pacific
- 4.3 Company matrix analysis
- 4.4 Competitive analysis of major market players
- 4.5 Competitive positioning matrix
- 4.6 Key developments
 - 4.6.1 Mergers & acquisitions
 - 4.6.2 Partnerships & collaborations
 - 4.6.3 New Product Launches
 - 4.6.4 Expansion Plans

Chapter 5 Market Estimates & Forecast, By System Type, 2021 - 2034 (USD Billion) (Thousand Units)

- 5.1 Key trends
- 5.2 Conveying systems
 - 5.2.1 Belt conveyors
 - 5.2.2 Roller conveyors
 - 5.2.3 Tilt tray sorters
 - 5.2.4 Others (Loop conveyors, etc.)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.3 Sorting systems
 - 5.3.1 Linear sorters
 - 5.3.2 Tilt-tray sorters
 - 5.3.3 Cross-belt sorters
 - 5.3.4 Destination coded vehicle (DCV) system
- 5.4 Check-in and loading systems
 - 5.4.1 Self-bag drop units
 - 5.4.2 Manual check-in conveyors
 - 5.4.3 Induction systems
- 5.5 Screening systems
 - 5.5.1 Integrated explosive detection systems (EDS)
 - 5.5.2 CT-based scanners
 - 5.5.3 Automated tray return systems (ATRS)

Chapter 6 Market Estimates & Forecast, By Capacity, 2021 - 2034 (USD Billion) (Thousand Units)

- 6.1 Key trends
- 6.2 Upto 2500 bags/ hr
- 6.3 2500-6000 bags/hr
- 6.4 Above 6000 bags/hr

Chapter 7 Market Estimates & Forecast, By Mode of Operation, 2021 - 2034 (USD Billion) (Thousand Units)

- 7.1 Key trends
- 7.2 Automatic systems
- 7.3 Semi-automatic systems

Chapter 8 Market Estimates & Forecast, By Technology, 2021 - 2034 (USD Billion) (Thousand Units)

- 8.1 Key trends
- 8.2 Barcode scanning systems
- 8.3 RFID-based systems
- 8.4 Others

Chapter 9 Market Estimates & Forecast, By End Use, 2021 - 2034, (USD Billion) (Thousand Units)

- 9.1 Key trends
- 9.2 Airport
- 9.3 Railway system
- 9.4 Cruise terminal
- 9.5 Military & defense
- 9.6 Others

Chapter 10 Market Estimates & Forecast, By Region, 2021 - 2034, (USD Billion) (Thousand Units)

- 10.1 Key trends
- 10.2 North America
 - 10.2.1 U.S.
 - 10.2.2 Canada
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 U.K.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3.3 France
- 10.3.4 Italy
- 10.3.5 Spain
- 10.3.6 Netherlands
- 10.4 Asia Pacific
 - 10.4.1 China
 - 10.4.2 India
 - 10.4.3 Japan
 - 10.4.4 South Korea
 - 10.4.5 Australia
- 10.5 Latin America
 - 10.5.1 Brazil
 - 10.5.2 Mexico
 - 10.5.3 Argentina
- 10.6 MEA
 - 10.6.1 UAE
 - 10.6.2 Saudi Arabia
 - 10.6.3 South Africa

Chapter 11 Company Profiles (Business Overview, Financial Data, Product Landscape, Strategic Outlook, SWOT Analysis)

- 11.1 Alstef Group
- 11.2 BCS Group
- 11.3 BEUMER Group
- 11.4 CIMC-TianDa Holdings
- 11.5 Daifuku Co., Ltd.
- 11.6 Fives Group
- 11.7 G&S Airport Conveyor
- 11.8 Glidepath Group
- 11.9 Leonardo S.p.A.
- 11.10 Logan Teleflex
- 11.11 Pteris Global Ltd.
- 11.12 Siemens Logistics GmbH
- 11.13 SITA
- 11.14 Vanderlande Industries B.V.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Baggage Handling Systems Market Opportunity, Growth Drivers, Industry Trend
Analysis, and Forecast 2025 - 2034**

Market Report | 2025-06-23 | 150 pages | Global Market Insights

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-07"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

