

Automated Sortation System Market By Equipment (Case Sorters, Pop-Up Wheel Sorter, Pivoting Arm Sorter, Others) , By End Use (Retail and E-commerce, Food & Beverages, Pharmaceuticals, Air Cargo, Others) By Sorting Type (Linear Sortation, Loop Sortation, Pusher Sortation Systems) : Global Opportunity Analysis and Industry Forecast, 2024-2032

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Abstracts

Automated Sortation System Market

The automated sortation system market was valued at \$6.0 billion in 2023 and is projected to reach \$13.9 billion by 2032, growing at a CAGR of 10.2% from 2024 to 2032.

An automated sortation system is a pivotal part of logistics and distribution warehouses that is used to classify bulk amounts of products at a high efficiency and speed. The system comes equipped with different technologies to simplify the process of sorting. The key benefits of using an automated sorting system include reduced manual labor, low chances of error, high precision, and scalability. The system finds applications in the e-commerce industry, postal services, airport baggage handling, courier industry, and waste management facilities.

The continuously expanding e-commerce industry is a major driver of the automated sortation system market. The industry requires reliable sorting systems to elevate its scalability and enhance order accuracy. Moreover, advanced sortation systems offer

real-time monitoring capabilities, thereby enhancing accuracy in operations across various sectors. With several innovations occurring in the market, the usage of near-infrared (NIR) technology in sortation systems is trending, particularly in areas such as recycling centers, waste management facilities, and manufacturing industries. NIR technology elevates the sorting process to advanced degrees by detecting and separating different materials based on their unique spectral signatures.

However, the installation of advanced automatic sortation systems is a capital-intensive process that deters several small-scale organizations from investing. Hence, high costs limit the expansion of the market. Furthermore, technological obsolescence acts as a key restraint for the market development as automated systems require constant upgradations in their system to remain functional. On the contrary, increase in the adoption of automated sortation systems in the food & beverage and agricultural sectors is presenting lucrative opportunities for the market. System manufacturers are striving to develop innovative sortation systems that cater to the unique requirements of these sectors. For instance, Satake—a Japanese processing and sorting equipment manufacturer for agricultural products—has developed an optical sortation system called “NIRAMI” series. The system comprises of flexible configurations to effectively sort grains, pulses, and seeds.

Segment Review

The automated sortation system market is segmented into equipment, end use, sorting type, and region. On the basis of equipment, the market is divided into case sorters, pop-up wheel sorter, pivoting arm sorter, and others. As per end use, it is classified into retail & e-commerce, food & beverages, pharmaceuticals, air cargo, and others. By sorting type, it is categorized into linear sortation, loop sortation, and pusher sortation systems. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of equipment, the case sorters segment dominated the market in 2023.

As per end use, the retail & e-commerce segment was the highest shareholder in 2023.

By sorting type, the linear sortation segment acquired a high stake in the market in 2023.

Region wise, North America was the highest revenue generator in 2023.

Competition Analysis

The major players of the global automated sortation system market include Bastian Solutions, Inc., BEUMER GROUP, Daifuku Co., Ltd., Honeywell Intelligrated, Interroll Group, KNAPP AG, Murata Machinery, Ltd., Siemens, TGW Logistics Group, and Vanderlande Industries B.V. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships, to strengthen their foothold in the competitive market.

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Upcoming/New Entrant by Regions

Technology Trend Analysis

Regulatory Guidelines

Additional company profiles with specific to client's interest

Expanded list for Company Profiles

Key Market Segments

By Equipment

Case Sorters

Pop-Up Wheel Sorter

Pivoting Arm Sorter

Others

By End Use

Retail and E-commerce

Food Beverages

Pharmaceuticals

Air Cargo

Others

By Sorting Type

Linear Sortation

Loop Sortation

Pusher Sortation Systems

By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

Spain

UK

Russia

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Australia

Thailand

Malaysia

Indonesia

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Saudi Arabia

UAE

Argentina

Rest of LAMEA

Key Market Players

Bastian Solutions, Inc.

BEUMER GROUP

Daifuku Co., Ltd.

Honeywell Intelligrated

Interroll Group

KNAPP AG

Murata Machinery, Ltd.

Siemens

TGW Logistics Group

Vanderlande Industries B.V.

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