

Global Parcel Sorting Robots Market Size study, By Type (Full-automatic, Semi-automatic) By Application (Logistics Picking, Logistics Handling, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GCCCED567646EN.html>

Date: July 2024

Pages: 200

Price: US\$ 6,250.00 (Single User License)

ID: GCCCED567646EN

Abstracts

Global Parcel Sorting Robots Market is valued approximately USD 753.6 million in 2023 and is anticipated to grow with a healthy growth rate of more than 21.66% over the forecast period 2024-2032. Parcel sorting robots are autonomous machines designed to efficiently organize and categorize parcels or packages in distribution centers or warehouses. These robots typically utilize a combination of sensors, cameras, and algorithms to identify, pick up, and sort parcels based on predetermined criteria such as destination, size, weight, or shape. They are programmed to navigate through the workspace, locate parcels, and place them in designated bins or conveyor belts for further processing or delivery. Furthermore, rising integration of artificial intelligence and machine learning algorithms are gaining attention towards Global Parcel Sorting Robots Market. AI and ML algorithms enable parcel sorting robots to continuously learn and optimize their sorting processes based on real-time data. This leads to increased efficiency in parcel sorting operations and higher accuracy in identifying, categorizing, and routing parcels.

The Global Parcel Sorting Robots Market is driven by growing demand for e-commerce and rising popularity of express delivery services across the world. E-commerce businesses often experience fluctuations in parcel volumes, particularly during peak shopping seasons including holidays or promotional events. Parcel sorting robots offer scalability and flexibility to adapt to changing demand, ensuring smooth operations even during periods of high order volumes. In addition, parcel sorting robots enable warehouses and distribution centers to expedite the sorting process, reducing order processing times and meeting the demands for speedy delivery. However, high cost of

parcel sorting robots and lack of standardization is going to impede the overall demand for the market during the forecast period 2024-2032.

The key regions considered for the Global Parcel Sorting Robots market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the dominating regional market in terms of revenue owing to factors such as rising industrial automation across the region. Parcel sorting robots are designed to seamlessly integrate with existing warehouse management systems and automation infrastructure. This integration facilitates smooth implementation and operation of the robots within warehouses and distribution centers in North America. Furthermore, the market in Asia Pacific, on the other hand, is expected to develop at the fastest rate over the forecast period 2024-2032.

Major market player included in this report are:

Amazon Robotics LLC

Fetch Robotics, Inc

Kuka AG

Starship Technologies Inc

GreyOrange Inc

Hi-tech Robotic Systemz Ltd

Hitachi, Ltd

Zhejiang Libiao Robotics Co., Ltd

Magazino GmbH

Siemens AG

The detailed segments and sub-segment of the market are explained below:

By Type

Full-automatic

Semi-automatic

By Application

Logistics Picking

Logistics Handling

Others

By Region:

North America

U.S.

Canada

Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Middle East & Africa
Saudi Arabia
South Africa
RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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