

Global Robotic Last Mile Delivery Market by Type (Robot (Goods-to-Person Automated Carts/Robots, Collaborative Autonomous Mobile Robots, Last-Mile Side-Walk Delivery Robots, and Mobile Picking Robot), Autonomous Vehicle (Automated Guide Carts and Vehicles, Autonomous Mobile Industry Vehicles, Delivery Vans and Pods, and Autonomous Trucks), and Delivery drones), By Solution (Hardware, Software and Services), By End-User Industry (Logistics, Healthcare & Pharmaceuticals, Retail, Food & Beverages and Others), By Range(Short Range(20KM) and By Region (North America, Europe, Asia Pacific, South America, and Middle East & Africa), Forecast from 2020-2027

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Abstracts

Global robotic last-mile delivery market likely to propagate due to its help in reduce operating cost, remove delivery trucks, and improve customer service. Global robotic last-mile delivery market estimated to grow at a noteworthy CAGR during the forecast period, 2020–2027. The primary factors are the growing demand for drones and autonomous vehicles to deliver lightweight packages in conjunction with routes to increase efficiency and capacity. Furthermore, the labor shortages being experienced across the globe, which provides an opportunity for manufacturing companies to adopt robots for manufacturing, order fulfilment, and warehouse operations of logistics

providers around the globe. These factors are positively impacting the demand for the robotic last-mile delivery market in the future periods. Additionally, the development of 5G and SLAM (Simultaneous Localization and Mapping) technology coupled with increasingly sophisticated WMS and OMS (Warehouse and Order Management) systems to support and optimize functions for order fulfilment and inventory management will propel the market growth.

Moreover, the increasing usages of robotics, drones, and autonomous vehicle to deliver the product or services to customer's doorstep without involving the human intervention will foster the growth of the global robotic last-mile delivery market size in the analysis period. The upsurge in applications of robots as a service for warehouse operators and inventory management is positively impacting the market growth. Furthermore, the advancements in the e-commerce industry, such as the on-demand package delivery system, are fuelling the demand for robotic last-mile delivery. These robotic enable workers to be more productive due to constant collaboration due to this development e-commerce is increasing during this pandemic like COVID-19 and have the ability to grow despite the recession.

Type Overview in the Global Robotic Last- Mile Delivery Market

Based on type, the global robotic last-mile delivery market classified into Robot (Goods-to-Person Automated Carts/Robots, Collaborative Autonomous Mobile Robots, Last-Mile Side-Walk Delivery Robots, and Mobile Picking Robot), Autonomous Vehicle (Automated Guide Carts and Vehicles, Autonomous Mobile Industry Vehicles, Delivery Vans and Pods, and Autonomous Trucks), and Delivery Drones. The robot segment likely to garner the highest revenue in the robotic last-mile delivery market by 2027. It is owing to robots help in indoor environments, boost productivity, and automate the goods-to-person step in many fulfilment centers.

Autonomous Vehicles will grow with a significant CAGR in the analysis period as it can address many industry pain-points, reducing operating costs, and boost productivity.

Solution Overview in the Global Robotic Last- Mile Delivery market

Based on the solution, the global robotic last-mile delivery market segregated into Hardware, Software, and Services. The software segment will dominate the global robotic last-mile delivery market by 2027. It is owing to software based-autonomous vehicles, vans, and drones deliver products or services in minimum time without any traffic congestion.

End-User Industry Overview in the Global Robotic Last- Mile Delivery market

Based on the end-user industry, the global robotic last-mile delivery market segregated into logistics, healthcare & pharmaceuticals, retail, food & beverages, and others. The

logistics segment projected to lead the market by 2027. It is due to the growing expansion of the e-commerce industry in developing nations, coupled with robotics vans that serve more customers at more economical costs traveling more distances in a much safer manner.

Regional Overview in the Global Robotic Last- Mile Delivery market

By geography, the global robotic last-mile delivery market segmented into North America, Europe, Asia Pacific, South America, and Middle East & Africa. North America will capture the largest market revenue by 2027. It is attributable to many e-commerce giants in support of the adoption of automation, growing demand for robotics and autonomous vehicles & drones by hospitality and retail and logistics segments, and they are partnering with manufacturers to have a first-hand experience of the prototypes.

Global Robotic Last- Mile Delivery market: Competitive Landscape

Companies such as Matternet, Flirtey, Drone Delivery Canada, Flytrex, Airbus, JD.com, Starship Technologies, Savioke, DHL, Amazon, Kiwibot, Aethon, Dispatch, Postmatches Inc., Segway Robotics Inc., and Marble Robot Inc. are the key players in the global robotic last-mile delivery market.

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