

# **Global Delivery Robots Market By Load Carrying Capacity (Less than 10kg, 10-50kg & More than 50kg), By Component (Hardware & Software), By Number of Wheels (3 Wheels, 4 Wheels & 6 Wheels), By End User Industry (Food & Beverages, Retail, Healthcare & Others), By Region, Competition, Forecast & Opportunities, 2027**

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## **Abstracts**

Global delivery robots market is projected to register over 20% CAGR during the forecast period, as delivery robots help to reduce the cost of last mile delivery. These robots are designed and programmed to deliver couriers, food and shipments from one place to another. Increasing venture funding and low cost of last mile delivery by using robots as compared to human drivers are expected to push global delivery robots market during forecast period. Moreover, technological advancements and high efficiency of delivery robots compared to the existing modes of delivery are also anticipated to have a positive impact on delivery robots market, globally.

Global delivery robots market can be segmented based on load carrying capacity, component, number of wheels and end user industry. Based on load carrying capacity, the market can be classified into less than 10kg, 10-50kg and more than 50kg. Of these segments, More than 50kg is expected to grow at the highest rate during the forecast period, as it is the preferred segment among cargo shipment and retail for the delivery of parcels to consumers. On the basis of component, global delivery robots market can be bifurcated into hardware and software. In 2018, hardware segment dominated the market and is likely to maintain its leading market position in the coming years, as hardware components, such as LiDAR, sensors and cameras, serves as the crucial parts and acquire major share of the delivery robot's cost. Delivery robots market

caters to various end user industries such as food & beverages, healthcare, retail and others. Food & beverages segment accounted for the largest market share in 2018, however, adoption of delivery robots is forecast to increase in the retail sector during forecast period, as the cost of delivery is lower than the traditional methods.

Delivery robots market, which is at a nascent stage, is gaining traction and expanding to various regions including North America, Asia-Pacific, Europe and Rest of World. Presence of leading players and government support for research programs are the major factors resulting in the dominating share of North America in global delivery robots market. Moreover, the region boasts a large base of start-ups and manufacturers working towards the implementation of delivery robots.

Global delivery robots market is consolidated, with few major players operating in the market. Some of the major players in global delivery robots market are Starship Technologies, TeleRetail, Nuro and Robby Technologies, Inc. Major companies are developing advanced technologies and launching new products in order to stay competitive in the market. Other competitive strategies include mergers & acquisitions and new product developments. In 2018, Starship Technologies collaborated with Compass Group to offer robotic delivery.

Years considered for this report:

Historical Years: 2017

Base Year: 2018

Estimated Year: 2019

Forecast Period: 2020-2027

Objective of the Study:

To analyze and forecast global delivery robots market size.

To classify and forecast global delivery robots market based on load carrying capacity, component, number of wheels, end user industry and regional distribution.

To identify drivers and challenges for global delivery robots market.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in global delivery robots market.

To identify and analyze the profile of leading players operating in global delivery robots market.

Some of the leading players in global delivery robots market are Starship Technologies, TeleRetail, Nuro, Robby Technologies, Inc., etc.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of manufacturers across the globe. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the manufacturers which could not be identified due to the limitations of secondary research. TechSci Research analyzed the manufacturers, distribution channels and presence of all major players across the globe.

TechSci Research calculated global delivery robots market size using a bottom-up approach, where data for various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analyzing historical data of these product types and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

OEMs

Retail companies

Research organizations and consulting companies

Government bodies such as regulating authorities and policy makers

## Organizations, forums and alliances related to delivery robots

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as manufacturers and partners, end users, etc., besides allowing them in strategizing investments and capitalizing on market opportunities.

### Report Scope:

In this report, global delivery robots market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

#### Market, by Load Carrying Capacity:

Less than 10kg

10-50kg

More than 50kg

#### Market, by Component:

Hardware

Sensors

Cameras

GPS

Radars

Control System

Others

Software

Market, by Number of Wheels:

3 Wheels

4 Wheels

6 Wheels

Market, by End User Industry:

Retail

Food & Beverages

Healthcare

Others

Market, by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

Singapore

Europe

United Kingdom

Germany

Switzerland

Rest of the World

## Competitive Landscape

**Company Profiles:** Detailed analysis of the major companies present in global delivery robots market.

## Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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