

Drone Logistics and Transportation Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 85 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The drone logistics and transportation market is projected to register a CAGR of over 15% during the forecast period (2022-2027).

The COVID-19 outbreak has proven to be a boon for the drone industry. Drones are now being used for several innovative applications to limit physical contact among people and disinfect facilities. As the world reeled from the imposed lockdowns, drone deliveries skyrocketed as critical medical supplies were delivered to health facilities without violating the norms of the lockdown.

Although the drone delivery industry is still young, it has witnessed consolidation activities and major investments. Over the years, investments in drone startups have grown strongly. Delivery drone companies are also experiencing a downpour of investments from major conglomerates and venture capitalists. These investments are projected to fuel the growth and expansion of the players, thereby making the market more competitive and boosting the R&D in various technologies related to delivery drones.

Drone Logistics & Transportation Market Trends

The Retail and Logistics Segment to Witness Rapid Growth During the Forecast Period

Drone delivery is a disruptive technology redefining the traditional shipping/delivery market with great applications in the future for the retail industry. For online retailers, the drone delivery method has proved to be highly convenient and cheap for ensuring last-mile delivery. Thus, retailers worldwide are piling money into programs that ensure faster product delivery. For instance, Chinese companies like Alibaba and JD.com have been using drones to deliver items to shoppers in hard-to-reach rural areas since 2017. Emerging drone service providers are also ramping up their capabilities to serve an emerging clientele efficiently. In May

Scotts International. EU Vat number: PL 6772247784

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

www.scott-international.com

2022, Skye Air Mobility, a Delhi-based drone delivery logistics provider, unveiled its long-range drone called 'Artemis' equipped to carry a payload of 6 kg to 100 km.

On the other hand, major logistics service providers are also investing financial resources to integrate drone delivery capabilities into their existing business model. In June 2022, the global logistics giant Amazon announced that it would begin delivering parcels using Prime Air drones in Lockeford, a small town in California, in late 2022. The company plans to use its learnings from the test in Lockeford to improve the services when it expands.

North America to Dominate the Market During the Forecast Period

Drone package delivery is gaining popularity, albeit only in a few limited markets. North America, with favorable drone policies and home to several market players, held the largest market share in 2021 and is expected to continue its market dominance during the forecast period. The Federal Aviation Administration's (FAA) Beyond Visual Line of Sight (BVLOS) ARC delivered a set of recommendations to the aviation authority, including a push for a case-by-case approach to BVLOS operations. It is also increasing the number of permits offered for drone operators each year, which is expected to drive market growth in the region in the years to come. The FAA also permits exemptions to existing rules to enable the use of drones in the delivery service industry. In recent years, companies like Alphabet's Wing and UPS Flight Forward were granted exemptions that permitted limited drone delivery operations. Deliveries using drones are expected to cost less than traditional transportation and are believed to increase the businesses of the service companies. However, the lack of a UAV traffic management system, differences in logistical operations, payloads, size, and the ongoing public debate over privacy and security concerns will act as a barrier to the market's growth in the region. The companies continue to operate under FAA exemptions and test delivery by drone at FAA-approved test sites across the United States. Furthermore, technological improvements to drone architecture and performance are expected to render a positive outlook for North America's drone logistics and transportation market during the forecast period.

Drone Logistics & Transportation Market Competitor Analysis

Zipline International Inc., Amazon.com Inc., DHL, Drone Delivery Canada, and Matternet are some prominent market players studied. The advent of players from logistics, healthcare, and food delivery sectors into the market studied led to increased competition for logistics drone manufacturers. While players like Uber Technologies Inc. started manufacturing their drones, other players had either acquired small drone manufacturers or entered strategic partnerships with the existing players. The drone logistics and transportation market is expected to become more competitive during the forecast period, as many companies from various sectors are eyeing the potential benefits of drone delivery and are planning to use the huge opportunities in the market.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumptions and Market Definition

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.3 Market Restraints

4.4 Porter's Five Forces Analysis

4.4.1 Bargaining Power of Buyers/Consumers

4.4.2 Bargaining Power of Suppliers

4.4.3 Threat of New Entrants

4.4.4 Threat of Substitute Products

4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION (Market Size and Forecast by Value - USD million, 2018 - 2027)

5.1 Sector

5.1.1 Commercial

5.1.2 Military

5.2 Application

5.2.1 Retail and Logistics

5.2.2 Food delivery

5.2.3 Medical Supply

5.3 Geography

5.3.1 North America

5.3.1.1 United States

5.3.1.2 Canada

5.3.2 Europe

5.3.2.1 United Kingdom

5.3.2.2 France

5.3.3 Asia-Pacific

5.3.3.1 China

5.3.3.2 India

5.3.4 Rest of the World

6 COMPETITIVE LANDSCAPE

6.1 Vendor Market Share

6.2 Company Profiles

6.2.1 Drone Delivery Canada

6.2.2 Zipline International Inc.

6.2.3 United Parcel Service of America, Inc.

6.2.4 Flirtey

6.2.5 Matternet

6.2.6 Workhorse Group Inc.

6.2.7 Uber Technologies Inc.

6.2.8 Flytrex Aviation Ltd

6.2.9 Alphabet Inc.

6.2.10 Amazon.com Inc.

6.2.11 DHL

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Drone Logistics and Transportation Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 85 pages | Mordor Intelligence

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 License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		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="2026-03-02"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

