

Construction Drone Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/C1153DF5E563EN.html>

Date: June 2023

Pages: 139

Price: US\$ 2,499.00 (Single User License)

ID: C1153DF5E563EN

Abstracts

The global construction drone market size reached US\$ 5,335 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 11,959 Million by 2028, exhibiting a growth rate (CAGR) of 15.5% during 2023-2028.

A construction drone is a remotely controlled aircraft equipped with a global positioning system (GPS) and downward-facing sensors, such as red, green, and blue (RGB), multispectral, thermal, and light detection and ranging (LiDAR). It helps gather accurate survey maps and aerial images of construction sites, materials, machinery, and people for detecting potential issues, which are not evident at ground level inspections. As it allows location referencing in real-time, the construction drone is increasingly being utilized by contractors, building planners, designers, academicians, engineers, and architects to improve construction activities for greater efficiency.

Construction Drone Market Trends:

The rising focus on infrastructure development represents one of the key factors propelling the growth of the market. Construction drones are employed in the construction sector for inspecting and maintaining pavements, highways, bridges, and buildings, monitoring damages and cracking, maintaining facades, and mapping historical monuments. They also find extensive applications in 3D modelling for building reconstruction and photogrammetric uses, such as volume measurement. Besides this, construction drones assist in making several improvements, such as increasing accuracy in reporting, improving safety conditions, reducing costs, and streamlining workflow. Apart from this, as they are operated remotely, construction drones can perform surveys in high-risk zones where casualties may occur. This, coupled with the increasing construction of high-rise and tall buildings on account of rapid urbanization, is

driving the market. Moreover, conventional terrain surveys require the manual acquisition of multiple GPS points, which is time-consuming. However, construction drones aid in accelerating this process by capturing data in less time than conventional methods. This, along with rising technological advancements, is projected to create a positive outlook for the market in the coming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global construction drone market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, application and end user.

Breakup by Type:

- Fixed Wing Drone
- Rotary Wing Drone

Breakup by Application:

- Surveying Land
- Infrastructure Inspection
- Security and Surveillance
- Others

Breakup by End User:

- Residential
- Commercial
- Industrial

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India

South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 3d Robotics Inc., Aerialtronics, Delair, Dronedeploy Inc., Kespry Inc., Parrot Drone SAS, Precisionhawk Inc., Skydio Inc., SZ DJI Technology Co. Ltd. (iFlight Technology Company Limited), Teledyne Flir LLC (Teledyne Technologies) and Yuneec International Co. Ltd.

Key Questions Answered in This Report

1. What was the size of the global construction drone market in 2022?
2. What is the expected growth rate of the global construction drone market during 2023-2028?
3. What has been the impact of COVID-19 on the global construction drone market?
4. What are the key factors driving the global construction drone market?
5. What is the breakup of the global construction drone market based on the type?
6. What is the breakup of the global construction drone market based on the application?
7. What are the key regions in the global construction drone market?
8. Who are the key players/companies in the global construction drone market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL CONSTRUCTION DRONE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Fixed Wing Drone
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Rotary Wing Drone
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Surveying Land
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Infrastructure Inspection
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Security and Surveillance
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Others
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Residential
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Commercial
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Industrial
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends

- 9.2.1.2 Market Forecast
- 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others

9.3.7.1 Market Trends

9.3.7.2 Market Forecast

9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 3d Robotics Inc.

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.2 Aerialtronics

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 Delair

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Dronedeploy Inc.

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.5 Kespry Inc.

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 Parrot Drone SAS

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 Financials

14.3.6.4 SWOT Analysis

14.3.7 Precisionhawk Inc.

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.8 Skydio Inc.

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.9 SZ DJI Technology Co. Ltd. (iFlight Technology Company Limited)

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.10 Teledyne Flir LLC (Teledyne Technologies)

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

14.3.10.4 SWOT Analysis

14.3.11 Yuneec International Co. Ltd.

14.3.11.1 Company Overview

14.3.11.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Construction Drone Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Construction Drone Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: Construction Drone Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Construction Drone Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 5: Global: Construction Drone Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Construction Drone Market: Competitive Structure

Table 7: Global: Construction Drone Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Construction Drone Market: Major Drivers and Challenges
- Figure 2: Global: Construction Drone Market: Sales Value (in Million US\$), 2017-2022
- Figure 3: Global: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 4: Global: Construction Drone Market: Breakup by Type (in %), 2022
- Figure 5: Global: Construction Drone Market: Breakup by Application (in %), 2022
- Figure 6: Global: Construction Drone Market: Breakup by End User (in %), 2022
- Figure 7: Global: Construction Drone Market: Breakup by Region (in %), 2022
- Figure 8: Global: Construction Drone (Fixed Wing Drone) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 9: Global: Construction Drone (Fixed Wing Drone) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 10: Global: Construction Drone (Rotary Wing Drone) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 11: Global: Construction Drone (Rotary Wing Drone) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 12: Global: Construction Drone (Surveying Land) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 13: Global: Construction Drone (Surveying Land) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 14: Global: Construction Drone (Infrastructure Inspection) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 15: Global: Construction Drone (Infrastructure Inspection) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 16: Global: Construction Drone (Security and Surveillance) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 17: Global: Construction Drone (Security and Surveillance) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 18: Global: Construction Drone (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 19: Global: Construction Drone (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 20: Global: Construction Drone (Residential) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 21: Global: Construction Drone (Residential) Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 22: Global: Construction Drone (Commercial) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Construction Drone (Commercial) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Construction Drone (Industrial) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Construction Drone (Industrial) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: North America: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: North America: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: United States: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: United States: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Canada: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Canada: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Asia-Pacific: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Asia-Pacific: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: China: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: China: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Japan: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Japan: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: India: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: India: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: South Korea: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: South Korea: Construction Drone Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 42: Australia: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Australia: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Indonesia: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Indonesia: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Others: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Others: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Europe: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Europe: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Germany: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Germany: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: France: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: France: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: United Kingdom: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: United Kingdom: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Italy: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Italy: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Spain: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Spain: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Russia: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Russia: Construction Drone Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 62: Others: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Others: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Latin America: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Latin America: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Brazil: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Brazil: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Mexico: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Mexico: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Others: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Others: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Middle East and Africa: Construction Drone Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Middle East and Africa: Construction Drone Market: Breakup by Country (in %), 2022

Figure 74: Middle East and Africa: Construction Drone Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Global: Construction Drone Industry: SWOT Analysis

Figure 76: Global: Construction Drone Industry: Value Chain Analysis

Figure 77: Global: Construction Drone Industry: Porter's Five Forces Analysis

I would like to order

Product name: Construction Drone Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/C1153DF5E563EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C1153DF5E563EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

