

Medical Drones Market: Distribution by Type of Rotors (Multi-Rotor Drones, Fixed-Wing Drones, Hybrid Wing Drones and Single Rotor Drones), Payload Ranges (1-5 Kgs, 6-20 Kgs, 21-50 Kgs, 51-120 Kgs, 121-200 Kgs and >200 Kgs), Type of Medical Supplies Delivered (Drugs, Medical Kits, Vaccines, Organs and Surgical Equipment), End-users (Hospitals / Pharmacies, Diagnostic Labs, Government Bodies and NGOs), Type of Automation (Fully Automated and Semi-Automated), Company Size (Small, Mid-sized and Large) and Key Geographical Regions (North America, Europe, Asia-Pacific and Middle East and North Africa): Industry Trends and Global Forecasts, 2023-2035

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Abstracts

The medical drones market is expected to reach USD 0.57 billion in 2023 anticipated to grow at a CAGR of 15% during the forecast period 2023-2035.

Drones have become an essential asset in healthcare, fulfilling various roles such as delivering medications, crucial medical supplies, vaccines, organs, and surgical equipment. Their role in ensuring timely and efficient delivery of vital medical resources has led to widespread acceptance and reliance on medical delivery drones. These technological wonders have effectively overcome logistical challenges and greatly

improved the global distribution of healthcare resources. Notably, medical drones act as first responders during emergencies and significantly contribute to disease control efforts. Their role in transporting organs highlights their crucial function in urgent situations. Additionally, medical drones offer numerous advantages, including reducing human errors, cutting costs, and improving patient outcomes. Their ability to reach remote and isolated areas is instrumental in providing essential healthcare resources to regions facing difficulties in accessing quality medical care, contributing significantly to promoting fairness and inclusivity in healthcare service delivery.

It's essential to note that the increasing need for faster medical supply deliveries is expected to drive significant growth in the medical drones market in the forecasted period.

Report Coverage

The study examines the medical drones market across various parameters, including type of rotors, payload ranges, type of medical supplies delivered, end-users, type of automation, company size and key geographical regions.

It analyzes factors such as drivers, restraints, opportunities, and challenges that impact market growth.

The report evaluates potential advantages and challenges within the market, providing insights into the competitive landscape for leading market players.

Revenue forecasts for market segments are provided concerning five major regions.

An executive summary consolidates research insights, offering a comprehensive view of the current medical drones market landscape. It includes product and provider overviews, along with forecasts for the market's potential evolution in the medium to long term.

A detailed overview of medical drones showcases recent advancements in their delivery systems, emphasizing components, latest features, and applications in healthcare. It discusses their industry advantages and challenges while exploring the increasing adoption of such technologies in aerial medical supplies delivery.

An in-depth assessment covers multiple parameters of the current market scenario for medical drones. This includes developmental status, certifications, automation levels, integrated technologies, rotor types, payload capacities, distance capabilities, served industries, types of medical supplies delivered, application areas, and end-users. Furthermore, it evaluates medical drone manufacturers based on establishment year, company size, headquarters location, company type, and organizational structure.

A perceptive analysis of competitiveness among medical drone manufacturers examines strengths in experience, company size, product diversity, industry coverage, types of medical supplies delivered, application areas, end-users, and product capabilities like payload range and distance covered.

Detailed profiles of prominent medical drone companies in North America, Europe, and Asia-Pacific are presented based on specific criteria. Each profile includes company overviews, financial information (if available), details about their product portfolios, recent developments, and future outlooks.

An analysis of partnerships established within the medical drones market since 2019 is provided, encompassing collaborations like supply agreements, technology integration, distribution agreements, etc. This analysis explores partnership purposes, types of medical supplies involved, partner categorization, and geographical distribution.

Examination of investments, including seed financing, venture capital, IPOs, grants, debt financing, and equity offerings, across different developmental stages in start-ups, small, and mid-sized companies focused on medical drones.

A comprehensive strategic framework, the ProGen framework, is outlined to guide new entrants in the expanding medical drones market. This framework includes essential elements to assist potential players, facilitating their effective entry and operation within the medical drones sector.

Key Market Companies

Airbus

Amazon

DJI

EHang

Falck

L3Harris

Meituan

Qualcomm

Volocopter

Zipline

Contents

1. PREFACE

- 1.1. Introduction
- 1.2. Key Market Insights
- 1.3. Scope of the Report
- 1.4. Research Methodology
- 1.5. Frequently Asked Questions
- 1.6. Chapter Outlines

2. EXECUTIVE SUMMARY

3. INTRODUCTION

- 3.1. Chapter Overview
- 3.2. Modern Drones
- 3.3. Essential Components of a Drone
- 3.4. Medical Drones
- 3.5. Applications of Medical Drones
- 3.6. Advantages of Medical Drones
- 3.7. Challenges Associated with Medical Drones
- 3.8. Future Perspectives

4. MARKET LANDSCAPE

- 4.1. Chapter Overview
- 4.2. Medical Drones: Overall Market Landscape
 - 4.2.1. Analysis by Status of Development
 - 4.2.2. Analysis by Accreditations / Certifications
 - 4.2.3. Analysis by Type of Automation
 - 4.2.4. Analysis by Integrated Technology
 - 4.2.5. Analysis by Type of Rotor
 - 4.2.6. Analysis by Payload Range
 - 4.2.7. Analysis by Distance Covered
 - 4.2.8. Analysis by Payload Range and Distance Covered
 - 4.2.9. Analysis by Industry Covered
 - 4.2.10. Analysis by Industry Covered and Location of Headquarters (Region)
 - 4.2.11. Analysis by Type of Medical Supplies Delivered

- 4.2.12. Analysis by Type of Medical Supplies Delivered and Type of Organization
- 4.2.13. Analysis by Application Areas
- 4.2.14. Analysis by End-users
- 4.3. Medical Drone Companies: Overall Market Landscape
 - 4.3.1. Analysis by Year of Establishment
 - 4.3.2. Analysis by Company Size
 - 4.3.3. Analysis by Year of Establishment and Company Size
 - 4.3.4. Analysis by Location of Headquarters
 - 4.3.5. Analysis by Company Size and Location of Headquarters (Region)
 - 4.3.6. Analysis by Type of Company (Private / Public)
 - 4.3.7. Analysis by Type of Company (Private / Public) and Company Size
 - 4.3.8. Analysis by Type of Organization
- 4.4. Other Companies in Drones Market

5. COMPANY COMPETITIVENESS ANALYSIS

- 5.1. Chapter Overview
- 5.2. Assumptions and Key Parameters
- 5.3. Methodology
- 5.4. Company Competitiveness Analysis: Medical Drone Companies (Manufacturers) in North America
- 5.5. Company Competitiveness Analysis: Medical Drone Companies (Manufacturers) in Europe
- 5.6. Company Competitiveness Analysis: Medical Drone Companies (Manufacturers) in Asia-Pacific
- 5.7. Company Competitiveness Analysis: Medical Drone Companies (Manufacturers) in Rest of the World

6. MEDICAL DRONE COMPANIES: COMPANY PROFILES

- 6.1. Chapter Overview
- 6.2. Airbus
 - 6.2.1. Company Overview
 - 6.2.2. Financial Information
 - 6.2.3. Product Portfolio
 - 6.2.4. Recent Developments and Future Outlook
- 6.3. Amazon
 - 6.3.1. Company Overview
 - 6.3.2. Financial Information

- 6.3.3. Product Portfolio
- 6.3.4. Recent Developments and Future Outlook
- 6.4. DJI
 - 6.4.1. Company Overview
 - 6.4.2. Product Portfolio
 - 6.4.3. Recent Developments and Future Outlook
- 6.5. Falck
 - 6.5.1. Company Overview
 - 6.5.2. Financial Information
 - 6.5.3. Product Portfolio
 - 6.5.4. Recent Developments and Future Outlook
- 6.6. L3Harris
 - 6.6.1. Company Overview
 - 6.6.2. Financial Information
 - 6.6.3. Product Portfolio
 - 6.6.4. Recent Developments and Future Outlook
- 6.7. Meituan
 - 6.7.1. Company Overview
 - 6.7.2. Financial Information
 - 6.7.3. Product Portfolio
 - 6.7.4. Recent Developments and Future Outlook
- 6.8. Qualcomm
 - 6.8.1. Company Overview
 - 6.8.2. Financial Information
 - 6.8.3. Product Portfolio
 - 6.8.4. Recent Developments and Future Outlook

7. PARTNERSHIPS AND COLLABORATIONS

- 7.1. Chapter Overview
- 7.2. Partnership Models
- 7.3. Medical Drones: Partnerships and Collaborations
- 7.4. Analysis by Cumulative-Year wise Trend
- 7.5. Analysis by Type of Partnership
 - 7.5.1. Analysis by Year and Type of Partnership
- 7.6. Analysis by Purpose of Partnership
 - 7.6.1. Analysis by Year and Purpose of Partnership
- 7.7. Analysis by Type of Medical Supplies Delivered
 - 7.7.1. Analysis by Purpose of Partnership and Type of Medical Supplies Delivered

- 7.8. Analysis by Type of Partner
- 7.9. Analysis by Geography
 - 7.9.1. Local and International Agreements
 - 7.9.2. Intracontinental and Intercontinental Agreements

8. FUNDING AND INVESTMENT ANALYSIS

- 8.1. Chapter Overview
- 8.2. Type of Funding
 - 8.2.1. Medical Drones: Funding and Investments
 - 8.2.2. Analysis by Cumulative Year-wise Trend
 - 8.2.3. Analysis by Amount Invested
 - 8.2.4. Analysis by Type of Funding
 - 8.2.5. Analysis by Type of Funding and Amount Invested
 - 8.2.6. Analysis by Year and Type of Funding
 - 8.2.7. Analysis by Purpose of Funding
 - 8.2.8. Analysis by Purpose of Funding and Amount Invested
 - 8.2.9. Most Active Players: Analysis by Amount Raised
 - 8.2.10. Leading Investors: Analysis by Number of Funding Instances
 - 8.2.11. Analysis by Geography
- 8.3. Concluding Remarks

9. DRONES: USE CASES

- 9.1. Chapter Overview
- 9.2. Key Applications of Drones Across Various Industries
 - 9.2.1. Aerial Photography and Videography
 - 9.2.2. Military and Defense
 - 9.2.3. Environmental Monitoring
 - 9.2.4. Agriculture
 - 9.2.5. Mining and Oil Exploration
 - 9.2.6. Search and Rescue
 - 9.2.7. Healthcare
 - 9.2.8. Construction and Infrastructure
 - 9.2.9. Logistics and Delivery

10. PROGEN MATRIX: A PROPRIETARY PRODUCT DEVELOPMENT STRATEGY MATRIX FOR TOMORROW'S SUCCESS

- 10.1. Chapter Overview
- 10.2. Assumptions and Key Parameters
- 10.3. Methodology
- 10.4. Assessment of Key Elements of Strategy
- 10.5. ProGen Matrix
- 10.6. Conclusion

11. MEDICAL DRONES MARKET: MARKET SIZING AND OPPORTUNITY ANALYSIS

- 11.1. Chapter Overview
- 11.2. Key Assumptions and Forecast Methodology
- 11.3. Global Medical Drones Market, 2023-2035
- 11.4. Medical Drones Market: Distribution by Type of Rotors, 2023 and 2035
 - 11.4.1. Medical Drones Market for Multi-Rotor Drones, 2023-2035
 - 11.4.2. Medical Drones Market for Fixed-Wing Drones, 2023-2035
 - 11.4.3. Medical Drones Market for Hybrid Wing Drones, 2023-2035
 - 11.4.4. Medical Drones Market for Single Rotor Drones, 2023-2035
- 11.5. Medical Drones Market: Distribution by Payload Ranges, 2023 and 2035
 - 11.5.1. Medical Drones Market for 1-5 Kgs, 2023-2035
 - 11.5.2. Medical Drones Market for 6-20 Kgs, 2023-2035
 - 11.5.3. Medical Drones Market for 21-50 Kgs, 2023-2035
 - 11.5.4. Medical Drones Market for 51-120 Kgs, 2023-2035
 - 11.5.5. Medical Drones Market for 121-200 Kgs, 2023-2035
 - 11.5.6. Medical Drones Market for > 200 Kgs, 2023-2035
- 11.6. Medical Drones Market: Distribution by Type of Medical Supplies, 2023 and 2035
 - 11.6.1. Medical Drones Market for Drugs, 2023-2035
 - 11.6.2. Medical Drones Market for Medical Kits, 2023-2035
 - 11.6.3. Medical Drones Market for Vaccines, 2023-2035
 - 11.6.4. Medical Drones Market for Organs, 2023-2035
 - 11.6.5. Medical Drones Market for Surgical Equipment, 2023-2035
- 11.7. Medical Drones Market: Distribution by End-users, 2023 and 2035
 - 11.7.1. Medical Drones Market for Hospitals / Pharmacies, 2023-2035
 - 11.7.2. Medical Drones Market for Diagnostic Labs, 2023-2035
 - 11.7.3. Medical Drones Market for Government Bodies, 2023-2035
 - 11.7.4. Medical Drones Market for NGOs, 2023-2035
- 11.8. Medical Drones Market: Distribution by Type of Automation, 2023 and 2035
 - 11.8.1. Medical Drones Market for Fully Automated Drones, 2023-2035
 - 11.8.2. Medical Drones Market for Semi-Automated Drones, 2023-2035

- 11.9. Medical Drones Market: Distribution by Company Size, 2023 and 2035
 - 11.9.1. Medical Drones Market for Small Companies, 2023-2035
 - 11.9.2. Medical Drones Market for Mid-Sized Companies, 2023-2035
 - 11.9.3. Medical Drones Market for Large Companies, 2023-2035
- 11.10. Medical Drones Market: Distribution by Key Geographical Regions, 2023 and 2035
 - 11.10.1. Medical Drones Market in North America, 2023-2035
 - 11.10.1.1. Medical Drones Market in US, 2023-2035
 - 11.10.1.2. Medical Drones Market in Canada, 2023-2035
 - 11.10.1.3. Medical Drones Market in Rest of the North America, 2023-2035
 - 11.10.2. Medical Drones Market in Europe, 2023-2035
 - 11.10.2.1. Medical Drones Market in the UK, 2023-2035
 - 11.10.2.2. Medical Drones Market in Germany, 2023-2035
 - 11.10.2.3. Medical Drones Market in France, 2023-2035
 - 11.10.2.4. Medical Drones Market in Spain, 2023-2035
 - 11.10.2.5. Medical Drones Market in Italy, 2023-2035
 - 11.10.2.6. Medical Drones Market in Rest of the Europe, 2023-2035
 - 11.10.3. Medical Drones Market in Asia-Pacific, 2023-2035
 - 11.10.3.1. Medical Drones Market in India, 2023-2035
 - 11.10.3.2. Medical Drones Market in Japan, 2023-2035
 - 11.10.3.3. Medical Drones Market in Russia, 2023-2035
 - 11.10.3.4. Medical Drones Market in China, 2023-2035
 - 11.10.3.5. Medical Drones Market in Australia, 2023-2035
 - 11.10.3.6. Medical Drones Market in Rest of the Asia-Pacific, 2023-2035
 - 11.10.4. Medical Drones Market in Middle East and North Africa, 2023-2035

12. CONCLUDING REMARKS

13. EXECUTIVE INSIGHTS

13.1. Chapter Overview

13.2. Anonymous

13.2.1. Interview Transcript: Anonymous, Project Manager

13.3. ALTUS

13.3.1. Interview Transcript: Anonymous, Chief Executive Officer

13.4. Aviant

13.4.1. Interview Transcript: Anonymous, Business Development Manager

13.5. RigiTech

13.5.1. Interview Transcript: Anonymous, Chief Executive Officer

13.6. Sky-Drones

13.6.1. Interview Transcript: Anonymous, Chief Executive Officer

13.7. TechEagle

13.7.1. Interview Transcript: Anonymous, Chief Executive Officer

13.8. TSAW Drones

13.8.1. Interview Transcript: Anonymous, Associate Vice President

14. APPENDIX 1: TABULATED DATA

15. APPENDIX 2: LIST OF COMPANIES AND ORGANIZATIONS

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