

Global Hybrid Vertical Take-off and Landing Fixed-Wing UAV Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Hybrid Vertical Take-off and Landing Fixed-Wing UAV market size was valued at US\$ 977 million in 2024 and is forecast to a readjusted size of USD 3033 million by 2031 with a CAGR of 17.8% during review period.

A Hybrid Vertical Take-off and Landing (VTOL) Fixed-Wing Unmanned Aerial Vehicle (UAV) is an aircraft that combines the capabilities of both fixed-wing and VTOL UAVs. This type of UAV is designed to take off and land vertically, like a helicopter or multicopter, while also having the ability to transition to level flight and operate as a fixed-wing aircraft for efficient forward flight.

The versatility of hybrid VTOL fixed-wing UAVs may have led to increased adoption across various industries, including agriculture, surveying, infrastructure inspection, emergency response, and more. Their ability to combine the benefits of both fixed-wing and VTOL capabilities could make them a preferred choice for diverse applications.

This report is a detailed and comprehensive analysis for global Hybrid Vertical Take-off and Landing Fixed-Wing UAV market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Hybrid Vertical Take-off and Landing Fixed-Wing UAV market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Hybrid Vertical Take-off and Landing Fixed-Wing UAV market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Hybrid Vertical Take-off and Landing Fixed-Wing UAV market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Hybrid Vertical Take-off and Landing Fixed-Wing UAV market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hybrid Vertical Take-off and Landing Fixed-Wing UAV

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hybrid Vertical Take-off and Landing Fixed-Wing UAV market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Hitec, Ukspecsystems, Threod Systems, Vertical Technologies, Censys Technologies, Volatus Aerospace, JOUAV, Lockheed Martin Corporation, ElevonX, UAV Works, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Hybrid Vertical Take-off and Landing Fixed-Wing UAV market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Ultra Short Range UAV

Short-Range UAV

Medium-Range UAV

Long-Range UAV

Market segment by Application

Mapping

Security and Defense

Military

Others

Major players covered

Hitec

Ukrspecsystems

Threod Systems

Vertical Technologies

Censys Technologies

Volatus Aerospace

JOUAV

Lockheed Martin Corporation

ElevonX

UAV Works

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Hybrid Vertical Take-off and Landing Fixed-Wing UAV product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hybrid Vertical Take-off and Landing Fixed-Wing UAV, with price, sales quantity, revenue, and global market share of Hybrid Vertical Take-off and Landing Fixed-Wing UAV from 2020 to 2025.

Chapter 3, the Hybrid Vertical Take-off and Landing Fixed-Wing UAV competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hybrid Vertical Take-off and Landing Fixed-Wing UAV breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Hybrid Vertical Take-off and Landing Fixed-Wing UAV market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hybrid Vertical Take-off and Landing Fixed-Wing UAV.

Chapter 14 and 15, to describe Hybrid Vertical Take-off and Landing Fixed-Wing UAV sales channel, distributors, customers, research findings and conclusion.

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