

**Lift VTOL B37**  
**VTOL**



# Lift VTOL B37, Hybrid Tandem Wing Heavy Lift, Long Endurance VTOL

## Unleashing Power and Versatility in Hybrid UAV Technology

The Lift VTOL B37 is a tandem wing hybrid UAV with a 60cc double-cylinder engine, making it incredibly powerful and versatile. It has a cruising speed of 24m/s (26m/s, pro version) and a max speed of 40m/s (145km/h), making it one of the fastest UAVs on the market. It also has a maximum take-off weight of 35kg (40kg, pro version) and a maximum flight altitude of 5000m.

## Lift VTOL B37’s Groundbreaking Vertical Takeoff and Landing Capabilities”

But what really sets the Lift vtol drone B37 apart from other UAVs is its VTOL capabilities. This means that it can take off and land vertically, without the need for a runway. This makes it ideal for use in areas where there is limited space or where a runway is not available. The Lift B37 is a groundbreaking VTOL drone equipped with a hybrid engine, combining the efficiency and range of a gas engine with the low emissions and noise of an electric motor.

## Lift VTOL B37’s Hybrid Engine Integration for Optimal Performance

The Lift VTOL B37 is also equipped with a hybrid engine, which combines the best of both worlds: the efficiency and range of a gas engine with the low emissions and noise of an electric motor. It will take off in VTOL mode using the electric engines, and then transition into fixed-wing mode to use the fuel engine.

## Lift VTOL B37’s Enhanced Endurance and Payload Capacity

With a 10L fuel tank (14L, pro version), it can achieve 10h flight time (15h, pro version). It is capable of carrying a 10kg payload (18kg, pro version). The fuel consumption is 0.87L/h when the UAV is fully loaded.

Lift B37 Technical Specifications	
Body Length	2010mm
Body Height	500mm
Wingspan	Front: 2820mm
	Rear: 3740mm
Cruising speed	24m/s (26m/s, pro version)
Max speed	40m/s (145km/h)
Wind Resistance	VTOL: Level 5
	Fixed-wing: Level 6
Maximum take-off weight	35kg (40kg, pro version)
Maximum Flight Altitude	5000m
Max payload	10kg (18kg, pro version)
Fuel Tank Capacity	10L (14L, pro version)
Endurance time	10h @ fully loaded (15h, pro version)
Working temperature	-20°C to 50°C
Tail Fuel Engine	60cc Double Cylinder
Fuel Consumption	0.87L/h @ Fully Loaded



**Here are just a few of the benefits of the Lift VTOL B37:**

**VTOL capabilities:** Take off and land vertically, without the need for a runway.

**Tandem wing design:** Superior stability and control in even the most challenging conditions.

**High payload capacity:** Up to 10kg (18kg, pro version) of payload.

**Long endurance:** Up to 10 hours (15 hours, pro version) of flight time on a single charge.

**Wide operating temperature range:** -20°C to 50°C.

**Powerful 60cc double-cylinder engine:** Provides exceptional performance and reliability.

**The Lift VTOL B37 is ideal for a variety of applications, including:**

**Aerial photography and videography:** Capture stunning aerial footage from any location.

**Surveying and mapping:** Map and survey large areas quickly and efficiently.

**Inspection and maintenance:** Inspect bridges, power lines, and other infrastructure from a safe distance.

**Search and rescue:** Locate missing persons or survivors of natural disasters.

**Delivery:** Deliver small packages to remote or inaccessible locations.


If you are looking for the most versatile and powerful UAV on the market,

the Lift B37 is the perfect choice for you. Order your Lift B37 today and experience the future of aerial flight!

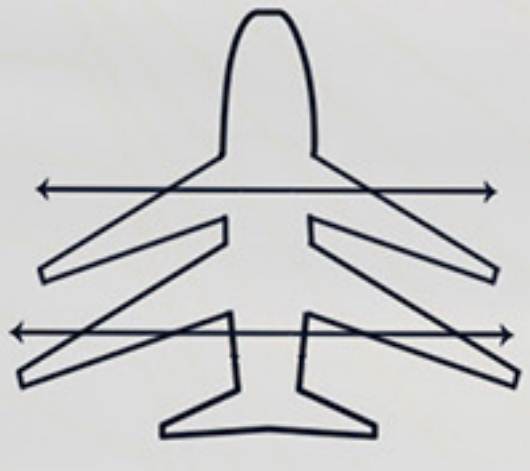
## Tandem Wing Hybrid VTOL

Vertical Take-Off and Landing UAV platform


**B37**  
**VTOL**  
**Lift**




**Motio** *New*



**Wingspan**  
Rear: 3740mm  
Front: 2820mm



**Cruise Speed**  
24-40m/s  
26-40m/s (pro)



**Max. Wind Resistance**  
VTOL: Level 5  
Fixed-Wing: Level 6



**Fuel Tank**  
10L  
14L (pro)



**Max. Payload**  
10kg  
18kg (pro)



**Max. Take-off Weight**  
35kg  
40kg (pro)



**Endurance**  
10h  
15h (pro)



**Length**  
2010mm

### 60cc Double Cylinder Engine

0.87L/h fuel consumption @ Fully loaded

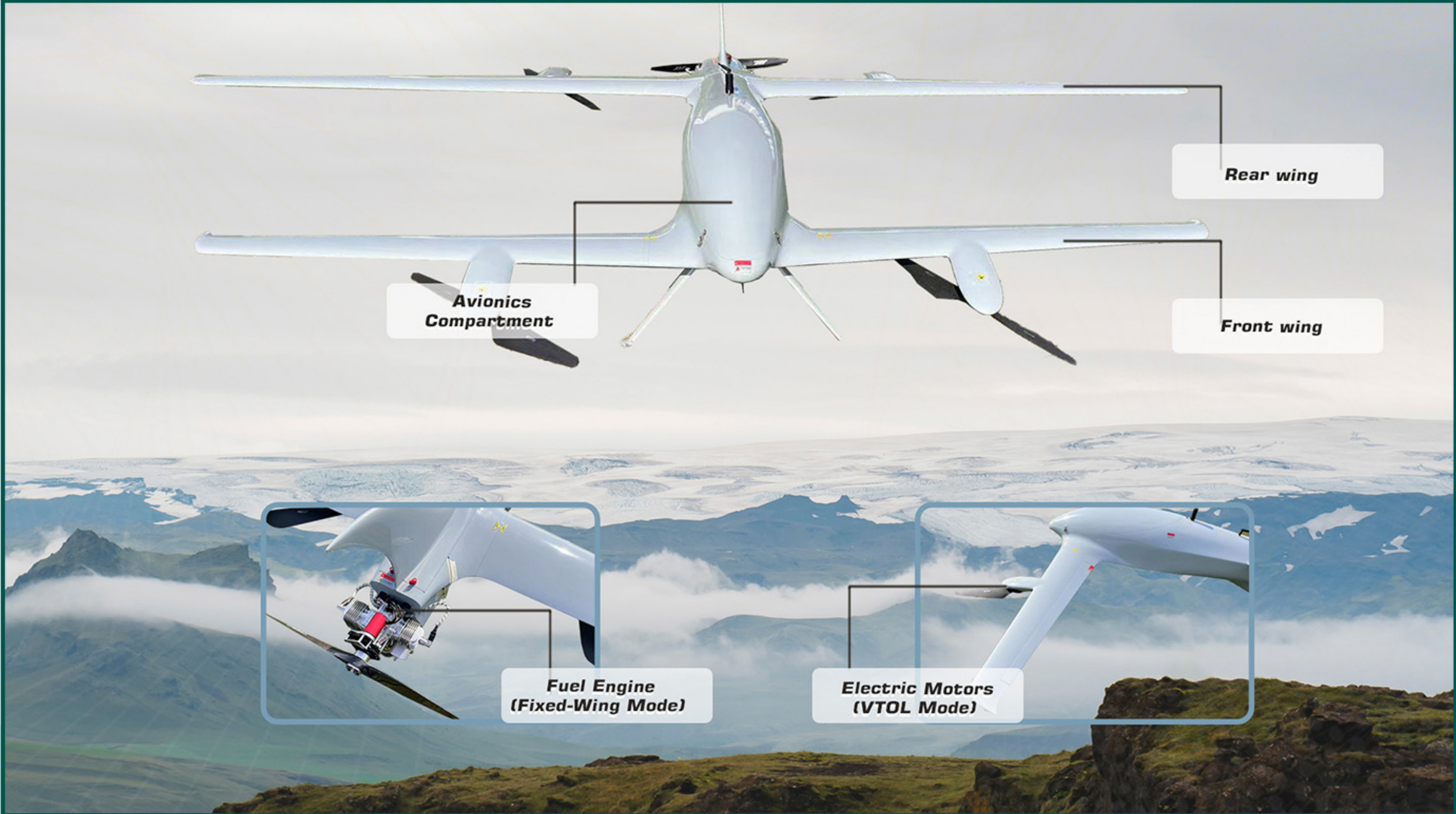


**Motio** *New*

[www.motionew.com](http://www.motionew.com)



**Aerodynamic Design  
Low Air Resistance**



**Dimension**

