

MoneyproM630

Petrol Powered Skid Fixed Wing Drone

Ultra Long Endurance
12 Hrs Max.

50kg Heavy Payload



Wingspan
6300 mm



Endurance
12 hours



Max Cruising Speed
110-150 km/h



Max Payload
50 kg



Fuel tank
45-60 L



MTOW
145 kg



Skid Distance
≤ 300 m
(take-off)



Industrial Level FC
i-Balance



Propulsion system
Limbach 275CC EFI

Ultra long endurance
Heavy payload capacity

6 hrs
@50kg

12 hrs
@20kg

50 kg
Max
Payload



Powerful dynamic system

24 HP (18 KW) @
7500RPM

The dynamic system is mainly composed of engine and propellers. It adopts Limbach 275CC EFI engine, which features with an air-cooled, two-cylinder, horizontally opposed, double-stroke, direct transmission type aero engine, high power, low fuel consumption, etc., and meet the demands of high climbing speed of UAV.



Engine:
LIMBACH 275CC EFI

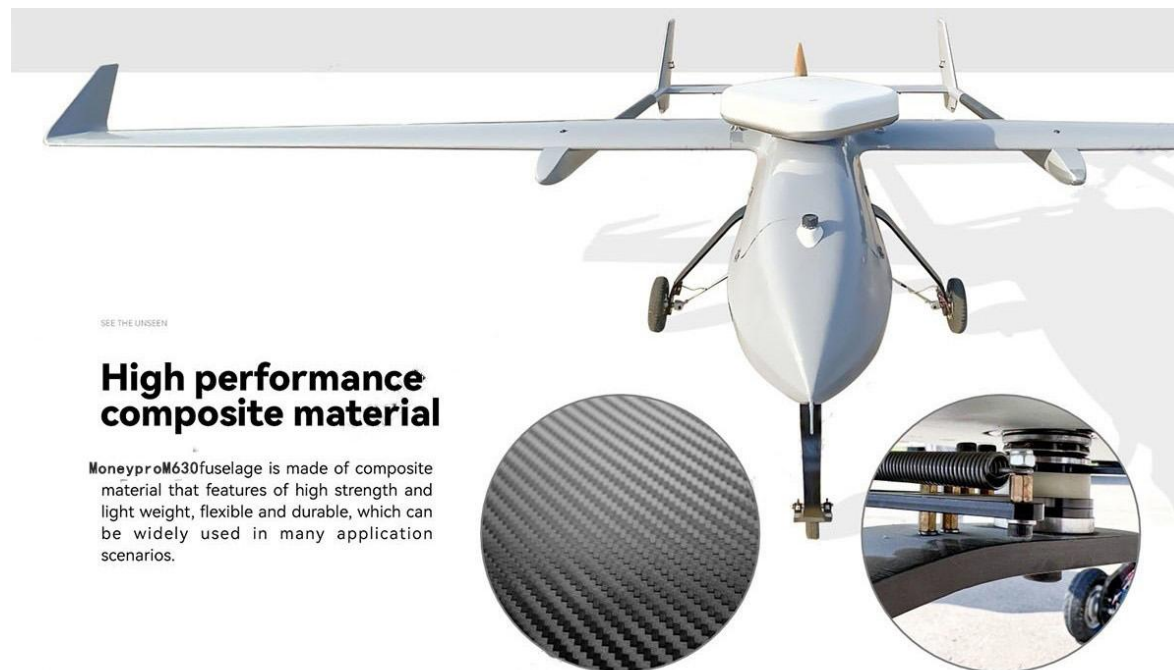


(Optional)
power generation system:
2280W

Specification

Power: 24HP(18kW)/7500rpm
Torque: 25 Nm at 4000-6000 rpm
Displacement: 274cm³/16.72 cu. inches
Weight: 7kg
Ignition system: Variable(ECU-controlled)

Fuel type: 92 RON(regular) gasoline
Lubrication ratio: 50:1



SEE THE UNSEEN

High performance composite material

Moneypro M630 fuselage is made of composite material that features of high strength and light weight, flexible and durable, which can be widely used in many application scenarios.

Two ways of take-off & landing :

Auto system Manual control

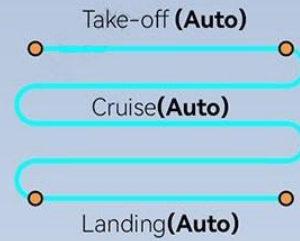
M630 supports fully autonomous take-off and landing functions, one-button take-off & landing. It adopts wheeled autonomous take-off and landing, which is high reliability and good reusability, and adopts the wheeled skid brake system to effectively reduce the runway distance during landing.

ONE KEY AUTO
TAKE-OFF & LANDING

TAKE-OFF
SKID DISTANCE ≤ 300M

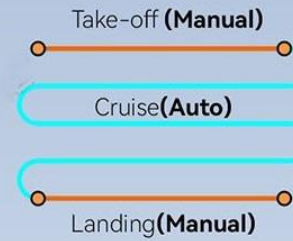


Auto system



Runway: Length > 800m
Width > 20m

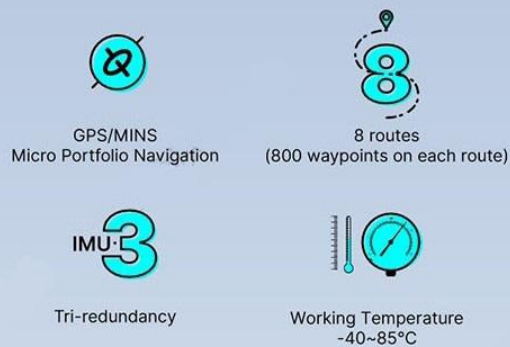
Manual control



Runway: Length > 500m
Width > 20m

Industrial Grade Flight Control System

360 adopts an industrial-grade flight control system, which is characterized by intelligence, high precision, multiple safety protections, and high flight stability. It does not only support manual mode, automatic route mode, but also supports centimeter-level RTK positioning services and completely independent route mission.



(Optional)

Long Range Communication

630 can be equipped with 100KM/150KM data&video transmitter or satellite communication system. A long distance data&video linkage is important in long endurance drones flight mission.

Satellite communication system
(Optional)



100km/150km
(Optional)



Dual RTK

Dual RTK is featured of more stable signal, more accurate positioning, and eliminating the need for pre-flight magnetic compass calibration. It can achieve rapid deployment, accurate and stable flight.



Easy operation and maintenance

Moneyprom630 is easy to operate and maintain. A four person group can get ready for take-off at site quickly. (One control the ground station, one control the drone flight, one is responsible for ground maintenance, and one is responsible for take-off and landing flight support)



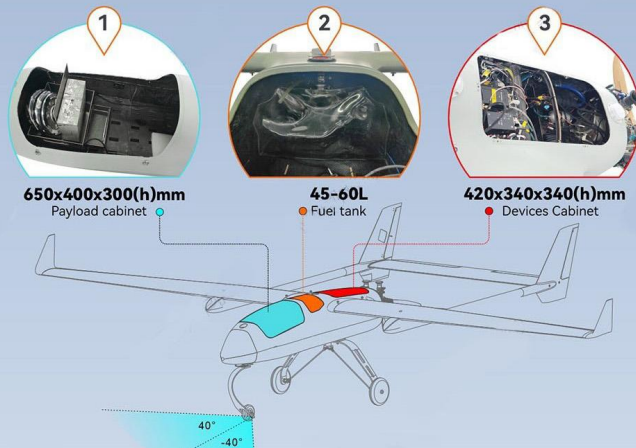
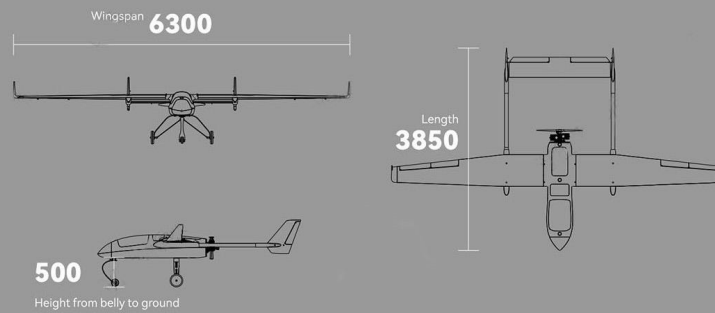
6 hrs
@50kg



High costs effective and competitive

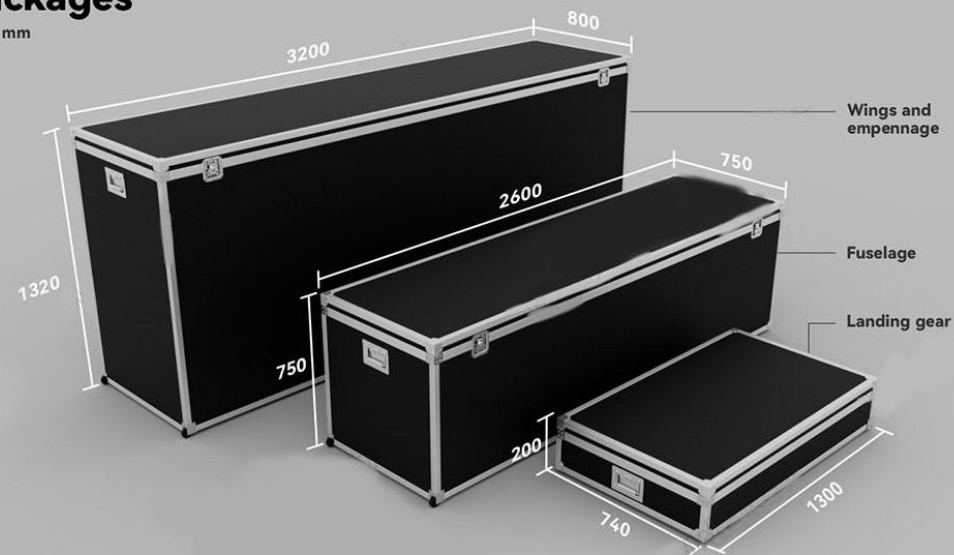
630 is a high cost performance drone platform, 30%-50% lower than the cost of mainstream UAV systems with the same function and performance in the market.

Dimensions(mm)



Packages

Unit: mm



Picture is for reference only,
please subject to Product in kind prevail.

Works with a various of payloads (Optional)

630 can work with a various of payloads and simultaneous mounting capacity, such as gimbal cameras, mapping cameras, LiDAR, mounting box, drop and other equipments, which are widely used in the field of fire fighting, first aid, delivery, search and rescue, environmental protection, detection, and other industrial system applications.

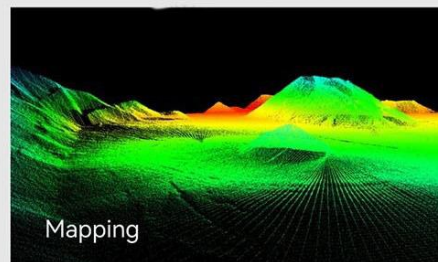


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Application Scenarios



Installation Preview



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