05

PRECISE POSITIONING

High-Payload, Long-Endurance Aerial Platform

Suitable for surveying & patrol missions, emergency communications and regional monitoring; supports operations in demanding environments such as high-altitude plateaus.

Dimensions: 2200×1670×340mm	**Cruise Speed:** 140km/h
Payload: 15-20kg	**Max Range:** 200km
Max Speed: 170km/h	**Max Flight Altitude:** 4.5km
Endurance (Full Load): ≈90min	**Operating Voltage:** 14S
Max Takeoff Weight: 65kg	**Launch Method:** Catapult launch







Delta-Wing UAV Molds





Flight Test Site

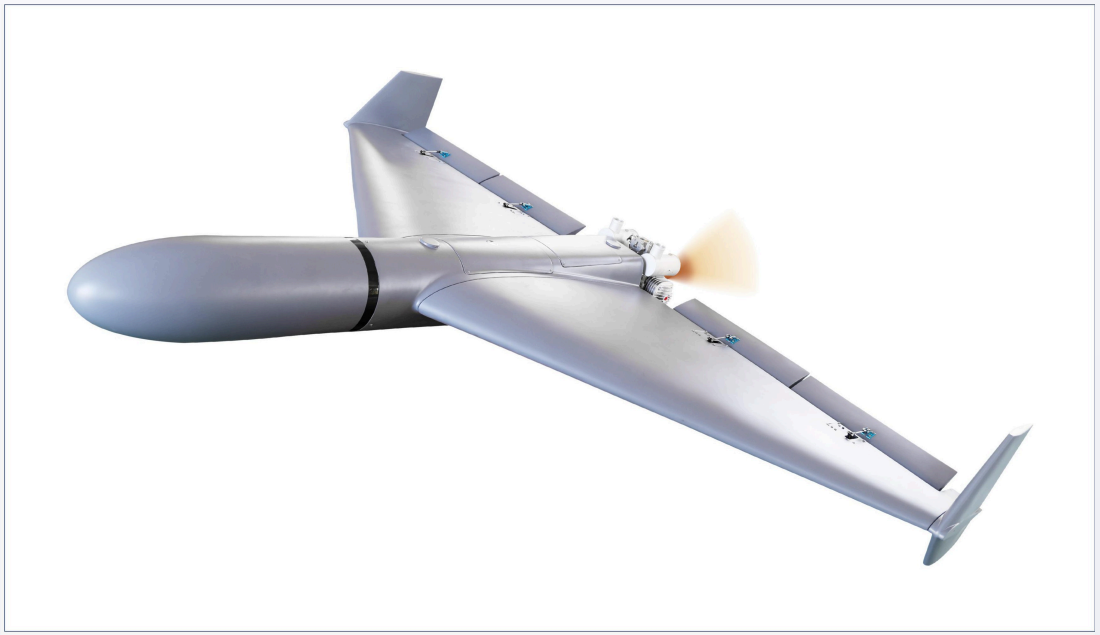
05A

PRECISE POSITIONING

High-Payload, Long-Endurance Aerial Platform

Suitable for surveying & patrol missions, emergency communications and regional monitoring; supports operations in demanding environments such as high-altitude plateaus.

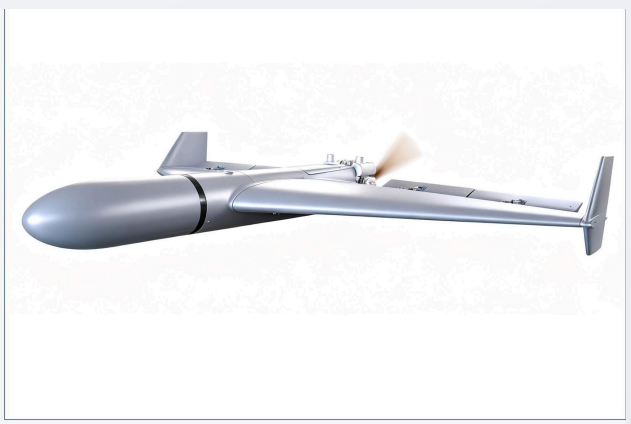
Dimensions: 2207×1750×336mm	**Max Takeoff Weight:** 65kg
Payload: 20kg	**Cruise Speed:** 150km/h
Fuel Capacity: 20L	**Max Range:** 450km
Max Speed: 180km/h	**Max Flight Altitude:** 4.5km
Endurance (Full Load): ≈70min	**Operating Voltage:** 6S
Endurance (No Load): ≈180min	**Launch Method:** Catapult launch











Delta-Wing UAV Molds

GRS-30 Gasoline Delta-Wing UAV (2.6 m)

05B

PRECISE POSITIONING

High-Payload, Long-Endurance Aerial Platform

Suitable for surveying & patrol missions, emergency communications and regional monitoring; supports operations in demanding environments such as high-altitude plateaus.

Dimensions: 2895×2627×908mm	**Cruise Speed:** 180km/h
Payload: 30-50kg	**Max Range:** 1000km
Fuel Capacity: 80L	**Max Flight Altitude:** 4.5km
Max Speed: 180-220km/h	**Operating Voltage:** 6S
Endurance (Full Load): ≈6-7h	**Launch Method:** Wheeled / catapult
Max Takeoff Weight: 180kg	







Actual Product Photos





Flight Test Site

⌘ VTOL (Gasoline-Electric Hybrid) Fixed-Wing UAV

06

AUTOMATIC CRUISE

High-Payload, Long-Endurance Aerial Platform

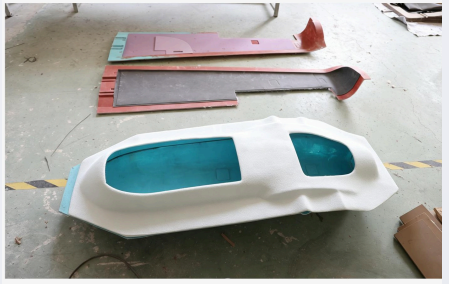
Suitable for surveying & patrol missions, emergency communications and regional monitoring; supports operations in demanding environments such as high-altitude plateaus.

Wingspan	3800mm	4800mm
Fuselage Height	760mm	812mm
Fuselage Length	2560mm	2615mm
Fuel Tank	18L	25L
Rated Payload	15kg	30kg (incl. fuel)
Max Takeoff Weight	60kg	90kg (incl. fuel)
Endurance	240min @10kg	360min @20kg
Cruise Speed	100-120km/h	100-120km/h
Max Speed	130km/h	150km/h
Payload Bay	500×270×165mm	500×300×230mm
Service Ceiling	6000m	6000m
Voltage	14S	24S
Wind Resistance	Level 4 (takeoff & landing) / Level 5 (cruise)	









VTOL Fixed-Wing UAV Molds

Xuntian TY VTOL Fixed-Wing UAV

07

AUTOMATIC CRUISE

High-Payload, Long-Endurance Aerial Platform

When precision and efficiency become essential, you need a reliable partner in the sky. The Xuntian TY-25 VTOL fixed-wing UAV combines high precision, long endurance and rapid response — redefining the new standard of intelligent flight.

Model	Xuntian TY-25	Xuntian TY-35
Wingspan	2500mm	3500mm
Fuselage Height	420mm	640mm
Fuselage Length	1390mm	1970mm
Rated Payload	<2kg	<10kg
Max Takeoff Weight	14.4kg	45kg
Endurance	220min @1kg	160min @5kg
Cruise Speed	82km/h	79-100km/h
Max Speed	93.6km/h	95km/h
Payload Bay	260×172×135mm	295×165×165mm
Service Ceiling	3500m	4000m
Voltage	12S	12S
Wind Resistance	Level 4 (takeoff & landing) / Level 5 (cruise)	





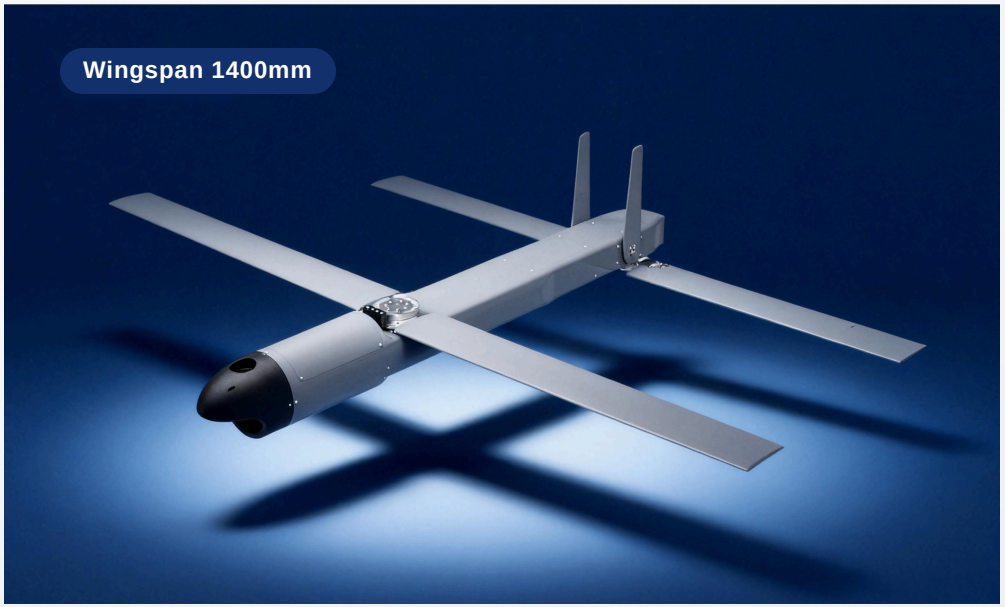
08

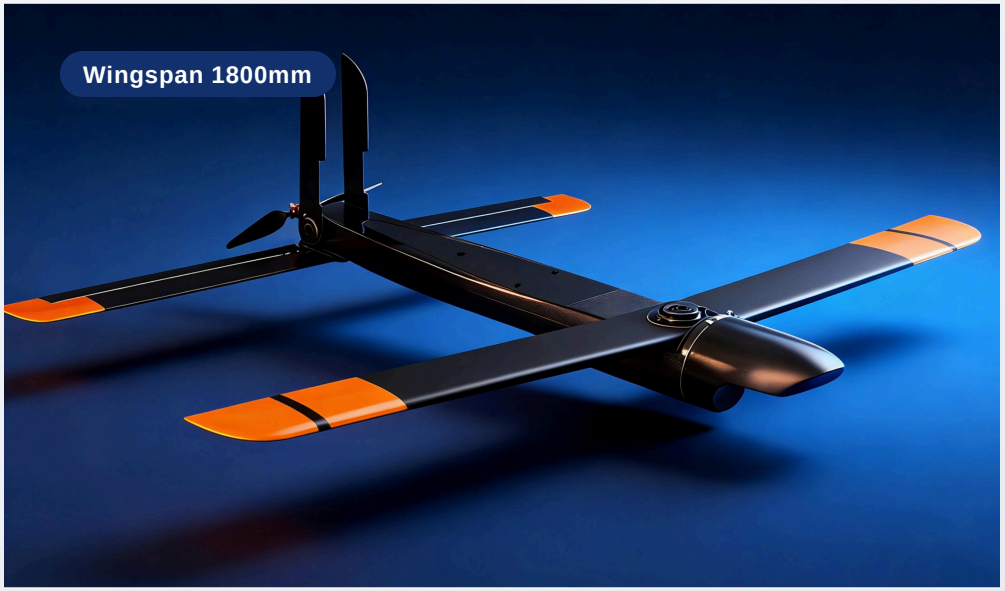
RAPID FLIGHT CAPABILITY

Rapid Deployment, Launch on Demand

Extremely fast to launch — ready in only 10 minutes.

Wingspan	1400mm	1800mm
Folded Size	1300×120×120mm	1500×160×160mm
Unfolded Size	1400×1300×240mm	1800×1500×320mm
Max Takeoff Weight	≤10kg	≤15kg
Endurance (No Load)	≥40min	≥40min
Endurance (Full Load)	≥25min	≥25min
Rated Payload	2.5kg	5kg
Speed	≤160km/h (max)	≤160km/h (max)
Cruise Speed	≤120km/h	≤120km/h
Image/Data Link	30/50km	30/50km
Remote Control Range	10km	10km
Max Flight Altitude	4.5km	4.5km
Navigation	GPS multi-mode sensor	
Launch Method	Pneumatic launch	





09

RAPID FLIGHT CAPABILITY

Rapid Deployment, Launch on Demand

Extremely fast to launch — ready in only 10 minutes.

Wingspan: 2150mm

Max Takeoff Weight: 18kg

Fuselage Length: 790mm

Payload: 6kg

Fuselage Height: 200mm

Cruise Speed: 120km/h

Takeoff Weight (No Load): 12kg

Range: 60-100km







X8 UAV Molds





Flight Test Site