



HS10

Agricultural Spraying Drone



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HS10 Agricultural Drone



Light weight

Total takeoff weight < 25kg:

The aircraft has a 10L payload, and takeoff weight < 25kg, meeting the market demand for lightweight aircraft bodies

Small size

The product features a one-piece molded arm folding fixture, hug-fold and vertical-fold storage methods, reducing volume by 27% for compact and convenient transportation.



High - strength airframe

Constructed with ultra-lightweight aerospace aluminum alloy frame, providing higher strength, stability, and durability

Quick-detach pesticide tank and dual batteries

Quick-detachable dual batteries and rapid plug-and-play pesticide tank, making it convenient to replace batteries and refill pesticides, significantly reducing waiting time during operations



Product Parameter

Technical Parameter	Wheelbase Product size	1350mm 1795×1795×570mm(Arm spread, Blade spread) 1118×1118×570mm(Arm spread, Blade folding) 890×575×570mm(Arm folding, Blade folding)
Spray system Medicine chest	Quantity Operating load	Quantity - 1 Rated - 10L, Full load: 10.5L
Flight Parameter	Total machine weight (Battery not included)	10.8 KG
	Maximum effective takeoff weigh	28 KG
	Battery capacity	12S (22,000mAh 44.4V)
	Maximum power Hover power consumption	3000 W(Takeoff weight 28kg)
	Flight time	unloaded: 25 MIN Full load: 18 MIN
	Maximum flying speed	6m/s
	Maximum flight altitude	20m
	Recommended operating environment temperature	0°C to 50°C
FPV camera	Resolution	1280×960 30 fps
Flight battery	Capacity	12S 22000mAh
	Weight	5.5KG

Traditional Methods v/s Drone

Area is considered as 1 Acre				
	Time	Knapsack Spraying	Tractor Spraying	Drone Spraying
	Water Usage	120 Minutes	90 Minutes	10 Minutes
	Fuel Required	200 Ltr/Acre	200-300 Ltr/Acre	10-15 Ltr/Acre
	Pesticide Utilization	5 Ltr	10 Ltr	Battery Powered
	Risk of Chemicals	100 MI/Ltr	75 MI/Ltr	30-50 MI/Ltr
	Downtime / Break	Extremely High	Medium	Zero
		30-45 Minutes	15-20 Minutes	2-3 Minutes

PACKAGE CONTENT



1 x Battery



1 x Receiver



1 x Charger

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