



SWAN H50

With 50 liters capacity (upgradeable to 62L), SWAN H50 provides high capacity smart spraying for your plantations yet offers high mobility. With large liquid flow based on 16L/min impeller pumps and dual water-cooled centrifugal nozzles, spraying performance is more stable and accurate. Spreading operations also equipped with high precision weighting calibration providing real-time sowing accuracy.



Technical Specifications

Number of rotors	4 rotors	Spraying Speed	3 to 10 m/s
Diameter (unfolded)	2919mm	Spraying Height	1.5 to 4 meter above crop
Height	872mm	Spraying Swath	6 to 12 meter
Tank volume	50L Liquid/60L Granular	Battery Quantity	1 x 30000mAh 18S Smart battery
Area efficiency per flight	up to 20ha/hour	Auto RTH & Resume	Supported, liquid/battery finished
Efficiency working time	7 - 8 minutes	FPV with Night Mode	Supported, with built-in LED lights
Maximum flight speed	up to 12 m/s	Pumps Quantity	Dual 8L/min brushless DC pumps
Flight radius	up to 1.5 km	Flight Mode	Manual, A-B, Waypoints, kml
Droplets size	30 to 200 μ m	Obstacle Avoidance	Available as Add-on Option
Nozzle quantity	2, Centrifugal Nozzles	RTK Support	Available as Add-on Option with RTK Base

SWAN H50 is highly durable, structurally enhanced truss fuselage and pressure buckle type locking provides sturdy drone resulting in safer field operations. With its front - low rear - high design, further enhances its endurance and lower wind resistance.

Advanced apps-based flight control offers flexibility either fully autonomous flight, AB-T mode or sweeping mode; coupled with intelligent route planning ensuring best route for each operations. SWAN H50 is your ultimate sprayer drone suitable for intensive field operation ensuring your commercial feasibility and Return of Investment (ROI).

Durable & Industrial Grade



Easy Control via Mobile Apps (Android) with Cloud Support