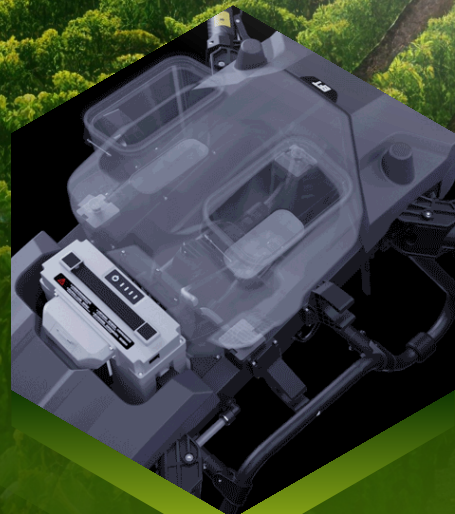


AGRICULTURE DRONES

# 50L FERTILIZER PESTICIDE HERBICIDE SPRAYING DRONE



## A50



## PRODUCT FEATURES

- 1 Modular Design**  
Built in integrated flight control, integrated electronic control board, dual antenna RTK module, GPS high-precision weighing module, dual tube flowmeter, waterproof rating IP67 for electronic equipment of the whole machine
- 2 Front And Rear Nozzles, No Need To Turn Around**  
The R60 agricultural crop protection drone comes standard with 4 centrifugal nozzles and 2 brushless water pumps, which can be manually operated without the need to turn around, making it easy to operate.
- 3 70L Broadcasting Box**  
The broadcasting box uses a large-diameter feeding port, greatly improving the feeding efficiency during operation
- 4 Multiple Homework Modes**  
Fully autonomous flight
- 5 Multiple Homework Modes**  
Fully autonomous flight  
A-B point flight  
Obstacle avoidance flight  
Ground defense flight
- 6 Rich Homework Scenarios**  
Spraying on farmland  
Aquatic broadcasting  
Fruit tree spraying  
Forest sowing
- 7 Quickly Switch Homework Modes**  
Complete the task box switch within 5 minutes  
- 50L spray medicine box  
- 70L broadcasting material box
- 8 Intelligent Modular Components**  
High precision weighing module  
Standard weighing sensor, real-time monitoring of remaining material quantity
- 9 Homeworkized Data Platform**  
Provide global display and analysis of historical homework data, divided by region, crop protection machine, homework situation, dosage, etc. Any node data record can be statistically analyzed to deeply explore the value of data. It can be browsed through APP, PC, and PAD



## PRODUCT PARAMETERS

Wheelbase	:	2320mm
Size	:	2850 × 2850 × 855 mm (arm unfolded, blade unfolded) 1800 × 1775 × 855 mm (arm unfolded, blade folded) 920 × 955 × 920 mm (arm folding blade folding)
Total weight (excluding battery)	:	34.8KG
Standard takeoff weight	:	98 KG
Maximum effective takeoff weight	:	105 KG (within 1000 meters above sea level)
Battery capacity	:	18S (30000MAH 70.4V)
Flight speed	:	8m/s
Flight time	:	8min and 30s(18S@30000 MAH Battery&Takeoff Weight: 100KG)
Tank capacity	:	50L
Spray efficiency	:	200-600 acres per hour
Spray amplitude	:	6-12m (3.5m height)
Maximum flow rate	:	24L/min
Atomized particle diameter	:	50-500um
Fertilizer tank capacity	:	70L
Broadcasting efficiency	:	80 acres per hour
Spray amplitude	:	6-12m (3.5m height)
Maximum flow rate	:	80KG/min
Atomized particle diameter	:	0.5-10mm dry solid particles



A50