

FP700 Agricultural Drone

Ready for Every Challenge



Large fields



Orchards



Hills



Aquaculture

60 L
spray tank

80 L
spread tank

70 kg
max payload

- Classic quadcopter design, foldable arms for easy transport
- Secure arm locks, stable structure
- Quickly removable ESCs with doubled power redundancy
- Aviation-grade aluminum frame, IP67 protection level
- Excellent shock resistance and durability
- Supports transport mode with 60kg payload, 2km operational radius



■ Efficient Spraying Solution: Rear-mounted Four Centrifugal Nozzles

- High-flow metering pump, 40L/min max flow rate
- Spray accuracy within 5% deviation, ensuring both flow rate and precision
- 30–500µm adjustable droplet size, even atomization
- Supports single-sided spraying for precise application
- Highly efficient solution for large field and orchard management



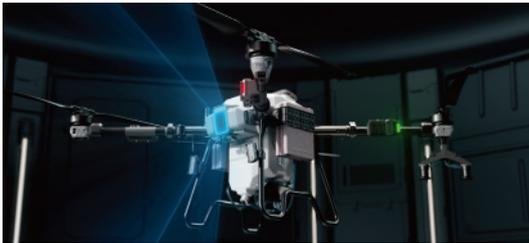
■ Precise Spreading Solution: Dual Roller System

- SP6 centrifugal spreader with roller-type material discharging
- Max feeding speed of 220kg/min*
- Strong centrifugal disc power, 10m max spreading width
- Three roller configurations for accurate control
- Easily spreads rapeseed, bait, compound fertilizers, rice seeds, etc.



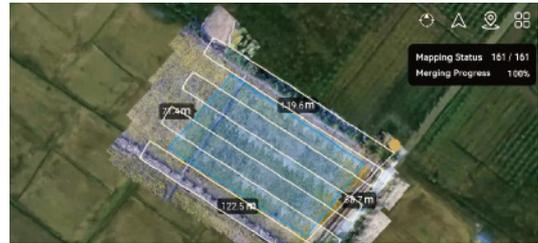
■ Upgraded 4D Radar, Enhanced Safety

- Automotive-grade 4D radar, more durable and reliable
- Max detection range of 150m, stable stop at 13.8m/s flight speed
- Improved obstacle detection accuracy with advanced terrain scanning for smooth, effortless flight
- Reliable point cloud imaging, detecting even small obstacles like thin lines and dry branches



■ Mounted HD Mapping Camera, Ready for Instant Use

- Equipped with a standard HD mapping camera for quick response and real-time mapping
- Fully autonomous flight for high-precision and flexible mapping
- Supports up to 13.5 hectares per aerial survey, improving operational efficiency



■ Maintain Dual-Battery System, Strong Compatibility

- Dual 20Ah batteries with mutual backup
- 9kW dual-channel air-cooled charger for efficient heat dissipation
- Ensures fast charging and continuous operations

■ Self-Developed Flight Control System, Outstanding Performance

- IP67 protection level, resistant to pesticide and fertilizer corrosion
- Built-in UPS, no waiting for battery swap, ready to fly immediately
- Modular design for quick and easy maintenance
- Multiple protection features for enhanced safety redundancy

■ Brand New Agri Assistant App, More User-Friendly

- Intuitive, simple UI for smooth operation
- Multiple operational modes, adaptable to various scenarios, including waypoints, AB points, M+ mode, etc.
- Night mode with full-color FPV for clear visuals

Note: "*" refers to medium-sized urea as an example.
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