

A80 Agricultural Drone

One Drone, Endless Possibilities



75 L

Spraying Tank

150 L

Spreading Tank

80 kg

Max Payload

■ Separable Design, Solid Structure

- Separable design enables quick switching between operation modules
- 63" high-performance propellers, tough and heat-resistant
- Aerospace-grade aluminum frame with IP67 protection



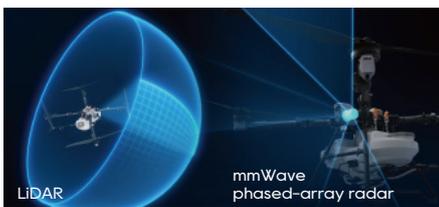
■ Auger-Driven Spreading Solution

- Precise auger feed for accurate dosing
- Centrifugal disc delivers uniform spreading width up to 10m
- Compatible with multiple auger feeder types, ultra-low application rates supported
- 400L/min max spreading rate⁽¹⁾



■ Smart Safety, All-round Sensing

- Dual radar system: LiDAR + mmWave phased-array radar
- 360° scanning for broad-range obstacle detection
- High precision real-time modeling at 850,000 points/sec for accurate terrain following
- Simultaneous tracking of dynamic and static targets, planning optimal avoidance routes in real time
- Intelligent avoidance of trees, dense vegetation, power lines, and other low-altitude obstacles



■ Full-Color FPV, Clear Vision

- Full-color FPV delivering clear image details even in low light conditions
- 80W dual⁽²⁾ high brightness lights with strong night illumination

Notes: (1) Example based on medium-grain urea

(2) Dual refers to forward and downward directions

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■ Centrifugal Power for Smarter Spraying

- Four rear-mounted centrifugal nozzles, up to 10m spray width
- Dual-channel high flow metering pumps, 40L/min max flow rate
- 30-500µm adjustable droplet size for even coverage
- Dynamic circulation mixing to prevent sedimentation and layering



■ Efficient Transport, Smooth Delivery

- Equipped with 15m high-strength lifting rope
- Smart anti-sway system enabling stable flight and precise hovering
- Automated hook release upon landing to simplify operations
- Real-time weighing with visualized data
- Emergency one-touch release function for critical situations



■ Next-Level Energy, Maximum Efficiency

- High-voltage intelligent battery for upgraded endurance
- Grid-designed structure for efficient heat dissipation
- Equipped with 12kW air-cooled charger with smart temperature control
- Dual-battery fast charging ensures continuous operations



■ Upgraded Remote, Enhanced Performance

- 7" HD screen with millisecond touch response
- 6nm advanced-process chip, overall performance increased by 500%
- 60W fast charging, up to 10 hours of operation
- Add-ons: ①Sunshade ②Power bank clip ③RTK high-precision positioning module
- Dual-band 2.4/5.8GHz for stronger connectivity and safer flight