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DJI AGRICULTURE

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DJI AGRAS T70 P

Efficiency Expert.



Precision AG Drone Solutions

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DJI AGRAS T70 P

The DJI Agras T70P agricultural drone is newly upgraded to support spraying, spreading, and lifting in various operational scenarios, with a maximum payload capacity of 70 kg^[1]. It delivers enhanced efficiency while featuring Safety System 3.0^[2] and advanced algorithms for comprehensive, round-the-clock protection.



70 L Spraying^[1]



100 L spreading^[3]



65 kg lifting^[4]



Safety System 3.0^[2]



13.8 m/s Maximum flight speed^[5]



Not affected by signal blockages

High Flow Rate, fine mist droplets

- Spray volume 70 liters^[1]
- Standard 10 m spray width^[6], 13.8 m/s speed
- Maximum flow rate 30 L/min (standard)
- Maximum flow rate 40 L/min (optional)
- Water-cooled misting with 4 nozzles, droplet size range 50-500 μm ^[7] (optional)

High spreading efficiency, excellent results

- 100 L^[3] large capacity
- 400 kg/min maximum flow rate^[8]
- 10 m effective spreading width^[9]
- Brand-new screw feeder, double flow rate precision
- Spreading efficiency increased by 50%^[10]

Your Transport Assistant

- 65 kg^[4] lifting payload
- Auto Swing Control
- Real-Time Weighing
- Marking Loading and Unloading Points by Mobile

Fast Charging, Economical and Energy-Saving

- Compatible with 30Ah/41Ah batteries
- 500 A high-power connector
- 1-year or 1,500-cycle warranty^[11]
- Optimized heat dispersion design
- Ergonomic handle

Safety System 3.0^[2]

- 2 sets of millimeter-wave radars
- Tri-Vision system
- Night vision full-color FPV
- Obstacle Type Detection
- AR safety assist Display^[12]

Strong signal, fearless of obstructions

- O4 Transmission resists interference, providing smooth and stable images
- O4 Relay, unaffected by mountain obstructions
- D-RTK 3 AG, enabling plug-and-play centimeter-level positioning without the need to configure coordinates

[1] Measured at sea level, DJI Agriculture App intelligently recommends the appropriate loading weight based on the current status of the aircraft, environmental conditions, and operational tasks. Users are advised not to exceed the recommended maximum weight of the loaded granulars, may impact flight safety.

[2] The effective sensing range and its ability to avoid and bypass obstacles will vary depending on the ambient light, rain, fog, and the material, position, shape, and other properties of the obstacles. Downward sensing is used to assist in Terrain Following flight and altitude stabilization, while other directions assist with obstacle avoidance. Any collision between the bottom of the aircraft and obstacles shall be the customer's responsibility. In scenarios without linear obstacles, if a collision occurs at speeds up to 13.8 m/s resulting in aircraft damage, responsibility can be determined through log analysis, and the aircraft may be eligible for free warranty if non-human causes are identified. If there are linear obstacles like wires or guy wires on utility poles, please mark them as obstacles; otherwise, failure to bypass them will be the customer's responsibility.

- Note 1. Downward sensing assists in Terrain Following flight. If the bottom collides with obstacles, it is considered user responsibility.

- Note 2. Due to limitations in safety system performance, the aircraft cannot automatically avoid moving objects, and accidents of this nature will be attributed to user responsibility.

[3] Different granular densities vary, and the maximum load should not exceed 70 kg.

[4] A weight of 65 kg is measured below the triaxial force sensor (including the weight of the sling, and hook). Data was measured at sea level. The DJI Agras app will recommend the payload weight according to the current status and surroundings of the aircraft. When adding materials, the maximum weight should not exceed the recommended value, otherwise flight safety may be compromised. Users must comply with local regulations during operation.

[5] The actual operation speed of the drone is related to the terrain slope; the steeper the slope, the lower the operation speed. The maximum operating speed varies by country and operational mode, and is subject to local regulations and the actual firmware version.

[6] The effective spray width of the spraying system depends on the actual working scenario.

[7] The droplet diameter is measured by a laser particle size analyzer, with a 50-micron diameter using the DV75 standard.

[8] Measured with compound fertilizer. The maximum flow rate may vary due to differences in granule size, density, and surface smoothness of different fertilizers.

[9] Measured at an operating height of 3 meters with a spinning disc speed of 1,100 r/min and a uniformity requirement of CV < 30%. Higher disc speeds and flight altitudes increase the spreading width.

[10] Compared to the Agras T50 drone and accessories, test results may vary based on different testing conditions.

[11] Batteries are covered by warranty for up to 1,500 charging cycles or 12 months, whichever ends first.

[12] AR safety assistance features serve only as supplementary hints; operators must confirm the surrounding environment's safety during operation. Detection performance of sensors such as tri-vision cameras may vary depending on the ambient light, rain, fog, and the material, position, shape, and other properties of the obstacles.