DJI AGRAS T25

The Agras 25 redefines standards for compact agricultural drones. Light and nimble, T25 can easily be handled by one person. It can carry a spraying payload up to 44 lbs. or a spreading payload up to 55 lbs. T25 is equipped with Front and Rear Phased Array Radar, a Binocular Vision System, and a high resolution FPV gimbal camera. T25 supports multiple missions, from surveying[1] and mapping, to spraying and spreading and excels across a variety of terrains.

Light and Nimble

Foldable and simple for solo operation
Small for easy takeoff and landing

High Flow Rate

44 lbs Spraying[2], 4.2 Gal/min
55 lbs Spreading[2], 159 lbs.min

Signal Stability

Offline operations
2 km O3 Transmission[5]
Optional DJI Relay

All Scenario Adaptability

Fully automatic and manual operation
Orchard Mode
Variable Rate Application

Multidirectional Obstacle Sensing[6]

Multidirectional Obstacle Avoidance
Terrain Following up to 50°

Four Sprinkler Kit (Optional)

Reverse Directional Spray During Flight
4-sprinkler spraying, flow rate 6.3 Gal/min.

Foldable, Flexible, Functional

- Optimized for solo operations
- Unfolded footprint reduced by 21%[7]
- Four sprinkler turn-free manual flight

High Rate, Atomized Spray, Leak Free

- Magnetic Drive Impeller Pump, Dual Pump Flow Rate of up to 6.3 Gal/min.
- Dual Atomizing Centrifugal Sprinklers, Adjustable Droplet Size
- Brand-New Solenoid Valves, Leak Free

Double Peace of Mind with Binocular Vision and Dual Radar

- Front and Rear Active Phased Array Radars
- Two Sets of Binocular Vision Sensors
- Multidirectional Obstacle Sensing and Avoidance[6]
- Terrain Following up to 50°, Automatic Obstacle Bypassing[8]

One Drone for Surveying Spraying, and Spreading

- High Resolution FPV Gimbal Camera
- The angle of the gimbal is adjustable and images can be collected in real time.
- Orchard Aerial Survey, 12 acre orchard mapped in 10 minutes
- Field Aerial Survey, 32 acre field mapped in 10 minutes
- Surveying of slopes up to 20°[10]

DJI RC Plus

- Quad-antenna O3 Transmission, up to 2 km range[5]
- 7-inch high brightness screen
- 8 core processor for smooth operations
- Optional DJI Relay Module

9 Min Fuel-Efficient Fast Charging

- 9-min ultra-fast charging[11]
- Supports 1,500 W AC Output
- Warranty covers 1,500 battery charge cycles[12]
- Fuel & Utility Power Flexibility

---

[1] Data was measured at sea level. The payload weight is greatly affected by the ambient temperature and altitude. The take-off payload weight needs to be reduced by 5 kg for every 1,000 m increase in altitude. 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.
[2] RTK is required.
[3] Maximum spraying flow rate with two sprinklers is 16 L/min. Maximum spraying flow rate with four sprinklers is 24 L/min.
[4] Data measured with 4 mm diameter urea. The maximum flow rate may vary depending on the granule size, density, and surface smoothness of different fertilizers.
[5] It was measured at a flight altitude of 2.5 meters, without obstruction or electromagnetic interference.
[6] 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 for Terrain Follow and Altitude Stabilization. The sensing in other directions is used for Obstacle Avoidance.
[7] Size comparison between the unfolded T25 and the unfolded T20P.
[8] Obstacle Bypassing is supported in the forward direction. The Terrain Follow and Obstacle Bypassing features are not supported at night or in low light environments. Fly with caution. Obstacle Bypassing is not recommended around electric or guy wires.
[9] Refers to the mapping time after completing the aerial survey. Time varies depending on the firmware version, type of aerial survey, and other factors.
[10] To ensure a high success rate of surveying and mapping, T25 can automatically adjust its flight speed based on the hill slope. The steeper the slope, the slower its speed.
[11] Charging from 30% to 95% with D6000i generator or C8000 Intelligent Battery. Factors impacting charging time: Altitude of the charging station; Charging cable meets requirements for fast charging; Battery cell's temperature is in the range of 15° to 70° C (59° to 158° F).
[12] Batteries are covered by warranty for up to 1,500 charging cycles or 12 months, whichever ends first.