

# J100

## EAVISION



**11.25 GAL**

11.25-Gallon  
Spray Tank

**45.27 ft/s**

45.27 ft/s  
Max Speed

**4 in 1**

Spraying,  
Spreading, Lifting,  
Surveying

**REPAIR**

Ability to  
Fix Batteries

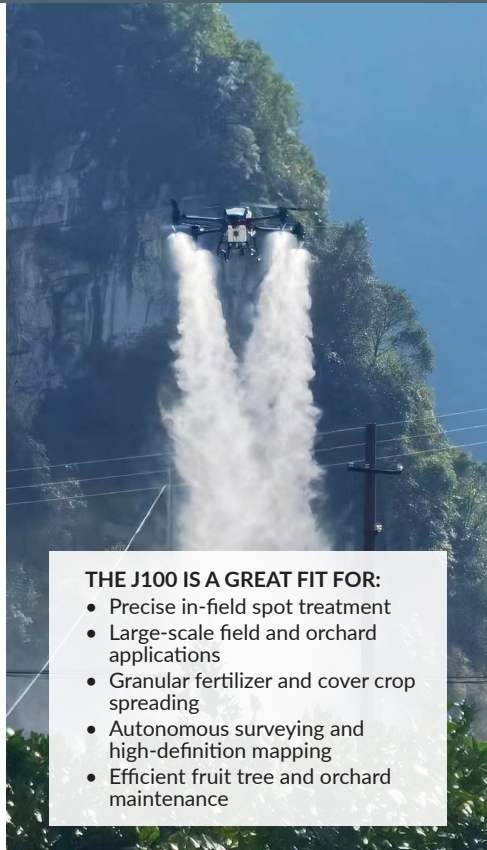


Modular Battery Design  
Offers Cooler Operating and  
Charging Temperatures

## Take Ag Operations to New Heights

The EAVision J100 is a groundbreaking agricultural drone designed for high-efficiency performance, and the only drone in the market using lidar technology to fly across a variety of terrains. Equipped with state-of-the-art mist nozzles, the J100 enables fine, even atomization with precise control over droplet size and spray patterns across diverse crop types.

Its powerful propulsion system offers robust thrust capacity and superior maneuverability, allowing rapid field coverage even in challenging conditions. With intelligent multi-function capabilities—including advanced lifting, spreading, and surveying functions—the J100 simplifies complex tasks, reduces operational time, and maximizes productivity, adapting to virtually any agricultural application with unmatched accuracy and efficiency.



### THE J100 IS A GREAT FIT FOR:

- Precise in-field spot treatment
- Large-scale field and orchard applications
- Granular fertilizer and cover crop spreading
- Autonomous surveying and high-definition mapping
- Efficient fruit tree and orchard maintenance

**AGRI SPRAY**  
**DRONES**

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# PRODUCT FEATURES

## ADVANCED TECHNOLOGY

- As the only spray drone with lidar technology, obstacle avoidance and terrain following outnumbers its competitors.
- The third-generation CCMS nozzle provides fine, uniform atomization with adjustable droplet sizes (10 microns to 300 microns) at up to 6.3 gallons per minute.
- The redesigned nozzle adapts easily for tasks like tree and field spraying.

## HIGH-CAPACITY TANK AND EFFICIENCY

- Standard 45L tank (optional 60L) with a spray width reaching 36 feet.
- Can cover 60 acres/hr at 2 GPA. With advance flight routing, rapid setup time, and stable long distance link with the relay station (45 ft/sec X 36 ft swath on 1/2 mile field, with one minute ground time, and one nine ferry time)

## INNOVATIVE BATTERY SYSTEM

- The CTB shell and blade-style battery withstands high ambient temperatures (up to 104°F) and can charge in under 9 minutes using a 9000W heat-dissipating charger, compatible with generator or mains power.
- The batteries are designed for high efficacy with separated positive and negative terminals.
- Batteries are modular, meaning they can be repaired. Increasing longevity and reducing operational costs.

# MULTI-FUNCTION OPERATIONS

## LIFTING CAPABILITY

- Supports sling loading up to 132 pounds with fast installation and one-click point identification for take-off and landing, reducing risks and doubling efficiency.

## SPREADING SYSTEM

- The 110-pound spreader tank, with a material sensor and replaceable blade agitator, ensures uniform application with less than 4-inch error at up to 243 pounds per minute.

## SURVEYING & MAPPING

- The high-definition FPV camera enables aerial mapping with stitching speeds as fast as 5 minutes for 50 acres, providing a rapid field overview and boosting efficiency.



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