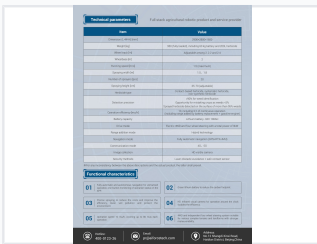


# Unmanned Agricultural Spraying Robot

This unmanned robot provides precise spraying to reduce herbicide consumption. It features hybrid drive technology for extended range and operates autonomously using GPS+RTK+IMU navigation.



## ADDITIONAL IMAGES



## Product Overview

### Intelligent Agricultural Automation

This unmanned agricultural spraying robot represents a leap in precision farming, integrating advanced machine learning and autonomous driving technology. It autonomously identifies crops and weeds, performing millimeter-level herbicide application to optimize yields and minimize environmental impact. Engineered for durability, the system features a 4WD chassis and hybrid drive technology, making it suitable for complex terrains while maintaining a low carbon footprint.

## Technical Metrics

### Operational Metrics

**10 mu/h**

Operation Efficiency

**95 %**

Herbicide Accuracy

**6 h**

Continuous Runtime

### Detailed Technical Specifications

Feature	Specification
Weight	950 kg (full load)
Dimensions	2900 x 2800 x 1600 mm
Spraying Width	1.5 - 1.8 m
Spraying Height	35 - 70 cm
Wheelbase	2 m

## Navigation and Hardware

### Key Systems

GPS+RTK+IMU Navigation, 4G/5G Connectivity, Electric 4WD, Laser Obstacle Avoidance, Hybrid Drive Technology

## Environmental and Usage

### Compatible Herbicide Types

- Contact-based herbicide
- Systematic herbicide
- Non-synthetic herbicide

### Eco-friendly Design

Yes