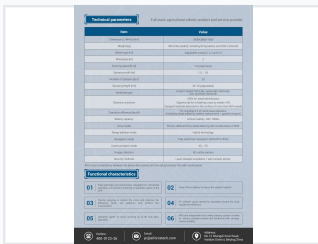


Unmanned Agricultural Spraying Robot

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