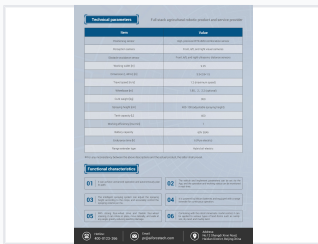


Broadcast Spraying Agricultural Robot

The Broadcast Spraying Agricultural Robot is a new type of agricultural spraying robot that can work unmanned day and night with centimeter-level precision. It features an intelligent spraying system that can accurately control spraying volume.



ADDITIONAL IMAGES



Overview

Autonomous Agricultural Precision

This advanced broadcast spraying robot delivers centimeter-level positioning precision for autonomous agricultural operations. Designed for high efficiency, it handles diverse field shapes using multiple steering modes including looping and fish-tailing. The system integrates intelligent spraying with real-time app monitoring to ensure optimal crop coverage for vegetables, herbs, and field crops.

Technical Specifications

Key Performance Metrics

| | | | |
|--------------------------------|-------------------------------|---------------------------------------|------------------------------|
| 9.25 m Working Width | 400 L Tank Capacity | 1 mu/min Working Efficiency | 6 h Endurance Time |
|--------------------------------|-------------------------------|---------------------------------------|------------------------------|

Dimensions & Weight

| Parameter | Value |
|--------------------|-------------------|
| Dimensions (L*W*H) | 3.3 x 2.8 x 1.5 m |
| Curb Weight | 950 kg |
| Wheelbase Options | 1.85m, 2m, 2.2m |

Navigation & Sensors

RTK+IMU Positioning, Front/Left/Right Cameras, Ultrasonic Obstacle Avoidance

Operational Features

Power & Propulsion

- 60V 50Ah Lithium Battery
- Hybrid Oil-Electric Range Extender
- Four-Wheel Drive
- Four-Wheel Steering

Suitable Applications

Open-air Vegetables, Medicinal Herbs, Tobacco, Lawns, Facility Agriculture, Field Crops