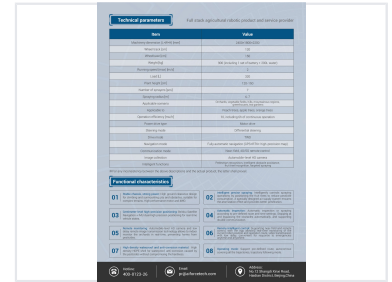


# Orchard Pesticide Spraying Robot

This robot is designed for precise and efficient pesticide spraying in orchards. It features a 320L loading volume, a spraying radius of 6-7 meters, and can operate for 6 hours on a single charge.



## ADDITIONAL IMAGES



## Overview

### Intelligent Orchard Spraying Solution

The intelligent orchard spraying robot is an advanced agricultural platform designed for autonomous inspection and precision pesticide application. Featuring a robust 4WD electric chassis with high ground clearance, it navigates complex terrains including hills and mountainous regions with ease. By integrating high-precision GPS/RTK navigation and intelligent sensors, it minimizes manual labor and human exposure to harmful chemicals while maximizing operational efficiency.

## Technical Specifications

### Supported Environments

- Orchards
- Vegetable fields
- Hills
- Mountainous regions
- Greenhouses
- Tea gardens

<b>Dimensions (L*W*H)</b>	2400x1800x2200 mm
<b>Weight</b>	900 kg
<b>Loading Volume</b>	320 L
<b>Applicable Crops</b>	Peach trees, Apple trees, Orange trees
<b>Navigation Mode</b>	Fully automatic (GPS+RTK+ high-precision map)

## Performance Metrics

### Key Performance Indicators

**10 mu/h**

Operation Efficiency

**6 hours**

Battery Mileage

**7 m**

Spraying Radius

## Features

### Intelligent Functions

- Pedestrian recognition
- Intelligent obstacle avoidance
- Fruit tree recognition
- Targeted spraying