

# Unmanned Agricultural Robot with 140 Horsepower Engine

This unmanned agricultural robot combines AI and autonomous driving for 24/7 operation. It performs harrowing, plowing, sowing, and other tasks with high precision and efficiency.

Item	Unit	Value	Value
Model		ST-YDL1404	
Engine Power	HP	140	
Weight	kg	5800	
Fuel Capacity	L	280	
Positioning Accuracy	cm	1	

## ADDITIONAL IMAGES



## Overview

### Intelligent Unmanned Agricultural Robot

This advanced 140 horsepower agricultural robot integrates AI and unmanned driving technology to enable autonomous operation for plowing, sowing, and land preparation. Equipped with 360-degree sensor coverage and high-precision Beidou navigation, it operates efficiently in all weather conditions. The platform supports remote monitoring and intelligent route planning to maximize farmland productivity while reducing human labor.

## Key Performance Metrics

### Core Operational Metrics

<b>140 HP</b> Engine Power	<b>5800 kg</b> Weight	<b>280 L</b> Fuel Capacity	<b>1 cm</b> Positioning Accuracy
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## Technical Specifications

Physical Dimensions	5360 x 2120 x 3200 mm
Wheelbase	2660 mm
Gearbox Type	HMT Hydraulic CVT
Drive System	Part-time 4WD

## Capabilities

### Agricultural Functions

- Harrowing
- Plowing
- Deep Scarification
- Ridging
- Sowing
- Joint Land Preparation

### Supported Driving Modes

Fully Automatic, Remotely Aided, Route A/B, Manual

## Intelligence & Sensors

### Perception System

6 Cameras + 1 Millimeter Wave Radar (360° Coverage)

### Navigation System

Beidou RTK Differential Positioning