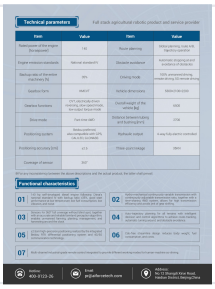
Unmanned Agricultural Vehicle with AI

This unmanned agricultural vehicle integrates unmanned driving technology and artificial intelligence for agricultural applications. It features a wire-controlled chassis, Beidou navigation, and intelligent sensors for 360-degree environmental perception and precise route tracking.



ADDITIONAL IMAGES

Overview

Future of Agricultural Machinery

This intelligent unmanned agricultural vehicle represents a fusion of advanced robotics and artificial intelligence designed for modern farming. Featuring a cab-free, streamlined design and a fully wire-controlled chassis, it supports multiple operation modes including fully automatic, remote, and human-machine co-driving. With 360-degree sensor coverage and high-precision navigation, it delivers around-the-clock operational capabilities to maximize farmland efficiency.

Engine & Performance

Rated Engine Power	140 hp
Emission Standard	National Standard IV
Backup Ratio	35 %

Transmission & Drivetrain

Gearbox Type	HMCVT (Hydro-mechanical Continuously Variable Transmission)
Drive Mode	Part-time 4WD

Navigation & Intelligence

Driving Modes

Fully Unmanned • Remote Driving • 5G Remote • Human-Machine Co-driving

Positioning Accuracy	2.5 cm
Supported Positioning Systems	Beidou, GPS, CALILED, GLONASS

Physical Specifications

Vehicle Dimensions	5300 x 2100 x 2200 mm
Overall Weight	6500 kg
Three-point Linkage Capacity	35 KN

Operational Metrics

Featured Metrics

360 °	2700 mm
Sensor Coverage	Wheelbase