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LINKSY Intelligent Agricultural Robot

Product Description

LINKSY Intelligent Agricultural Robot is a high-performance autonomous driving machine specially designed for large-scale field crops (such as corn, wheat, etc.), aiming to promote the integrated development of modern agricultural mechanization and digitalization. It is equipped with an advanced autonomous driving system and can operate continuously under all-weather conditions, significantly improving the efficiency and precision of agricultural operations.

Application areas: Widely used in field crop operations such as tillage, sowing, fertilization, and related tasks.

Core functions: Autonomous driving system, diesel-electric hybrid power system, multi-machine coordinated (fleet) operation, dual-track traveling system, continuously variable transmission system, route and path planning, real-time data feedback and monitoring.

Product Features

- Power System and Efficiency
- Design and Control
- Intelligence and Precision Navigation

Product Features



- ✓ Maximum output power of up to 165 kW, equipped with a diesel-electric hybrid power system, ensuring higher fuel utilization efficiency and lower carbon emissions.
- ✓ Supports multi-machine fleet operation, significantly improving operational efficiency.
- ✓ Dual-track traveling system: Adapts to complex terrain, increases ground contact area, reduces soil compaction, and effectively protects soil structure.
- ✓ Continuously variable transmission system: Intelligently adjusts speed according to workload and terrain changes, ensuring stability and high efficiency during operation.
- ✓ Route and path planning: Achieves centimeter-level precision navigation, automatically plans operation paths, and ensures high-precision operations.
- ✓ Real-time data feedback and monitoring: Real-time monitoring of field conditions through sensors, cameras, and IoT technologies.

Product parameters

Item Name	Unit	Details
Dimensions	mm	4150*2650*2150(±5%)
Maximum speed	km/h	10(± 5%)
Total power output	kw	165
Total weight	KG	5000
Power source	/	Diesel, lithium battery
Battery capacity	kwh	22
Rear output type	/	Three-point hitch
Rear output speed	RPM	540/1000
Maximum implement power	Kw	0-40