FJDynamics



FJD AS2 MAX / AS2

STEER READY (CANBUS) AUTOSTEERING SYSTEM

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STEER READY (NON-CANBUS) AUTOSTEERING SYSTEM

ONE PLUG, MORE PRECSION

The FJD AS2 Steer Ready Autosteering System is specifically designed for steer-ready vehicles, allowing operators to directly control hydraulic valves from the cab for more precise operations. Featuring a compact design with simplified components, the FJD AS2 offers a simple plug-and-play solution for users to quickly unlock autosteering power in precision farming.

- Plug and Play
- Original Configuration
- 2.5 cm RTK Accuracy
- Enhanced Terrain Adaptability
- Designed for Steer-ready Vehicles
- Versatile Guidance Line Options
- Automatic U-turn
- GIS Information Transfer

LARGER DISPLAY, SMARTER OPERATION

The AS2 features a 12-inch high-definition touchscreen, expanding the viewing area by 46%. This larger screen ensures clearer visibility during high-speed electric steering operations and supports split-screen multitasking —so you can monitor more, switch less, and work with greater ease and precision.

10-Inch



or

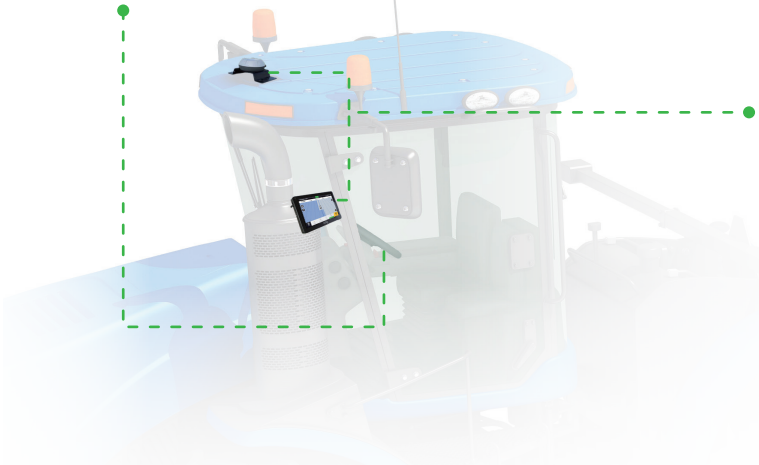
12-Inch





MINIMAL CHANGES TO ORIGINAL CONFIGURATION

Integrate seamlessly into existing steer-ready port with minimal setup changes. You don't have to replace original steering wheel or install hydraulic valves, keeping almost everything similar to you as before.



PLUG-AND-PLAY SETUP

Plug and play to set up quickly thanks to a single control terminal and GNSS receiver integration, without repeated calibration when switching between implements. You can power on the system with the direct power source inside the cab, freeing you from cumbersome external wiring.

EFFORTLESS PRECISION ON ANY TERRAIN

Control original hydraulic valves directly with 2.5cm accuracy and keep the steering wheel stationary during navigation, allowing you to adjust effortlessly with reliable stability across any terrain type and field layout.



PERFECT FIT FOR STEER-READY VEHICLES

Support a wide range of steer-ready agricultural machinery through CANBUS and Non-CANBUS(PWM) communications. You can trust its adaptability to various farming operations from tillage to harvest, reducing your need for additional equipment.

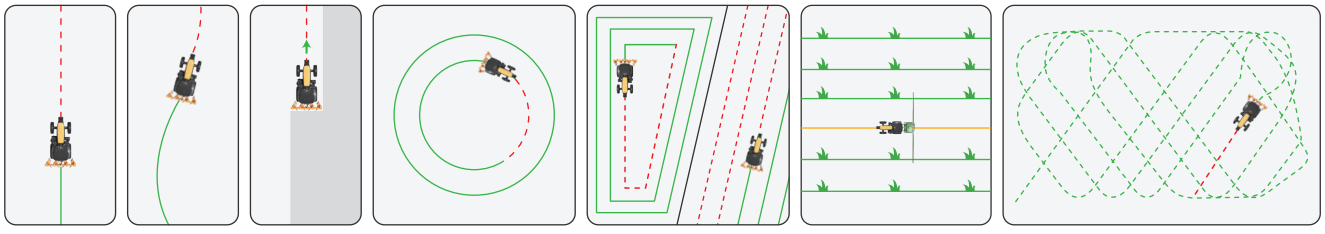
*Please contact sales for compatible model details.



PRECISE AND MORE EFFICIENT

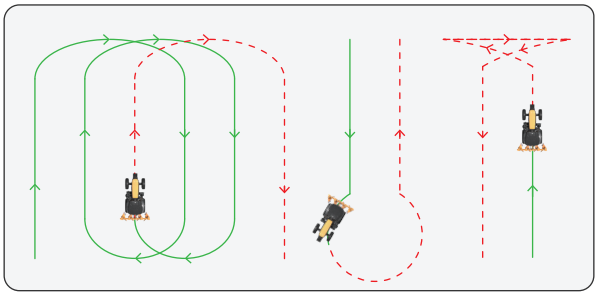
Versatile Guidance Line Options

Choose from a variety of guidance line patterns for various field scenarios and operational needs. Regular patterns include straight lines, curves, A+ lines, and pivots, while specialized patterns provide headland, tramline, and diagonal harrowing.



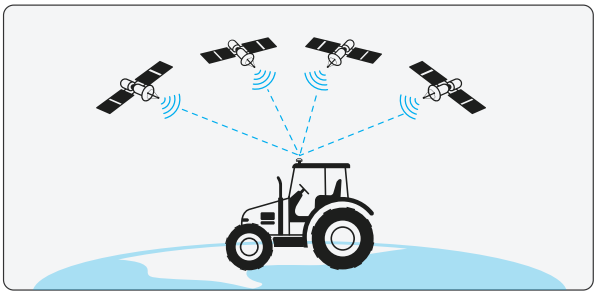
Effortless Turnarounds with Automatic U-turn

Enable seamless maneuvering with smart U-turn for optimal path planning and headland closing, or use the basic U-turn option for effortless turnaround to adjacent row, providing continuity and convenience during work sessions.



Multi-Source Signal Support

Achieve an accuracy up to 2.5cm through network RTK services or base station. Additionally, it supports free PPP and SBAS to deliver decimeter-level accuracy, ensuring reliable and precise navigation to meet various operational needs.



STEER READY (CANBUS)



(10-inch)



(12-inch)

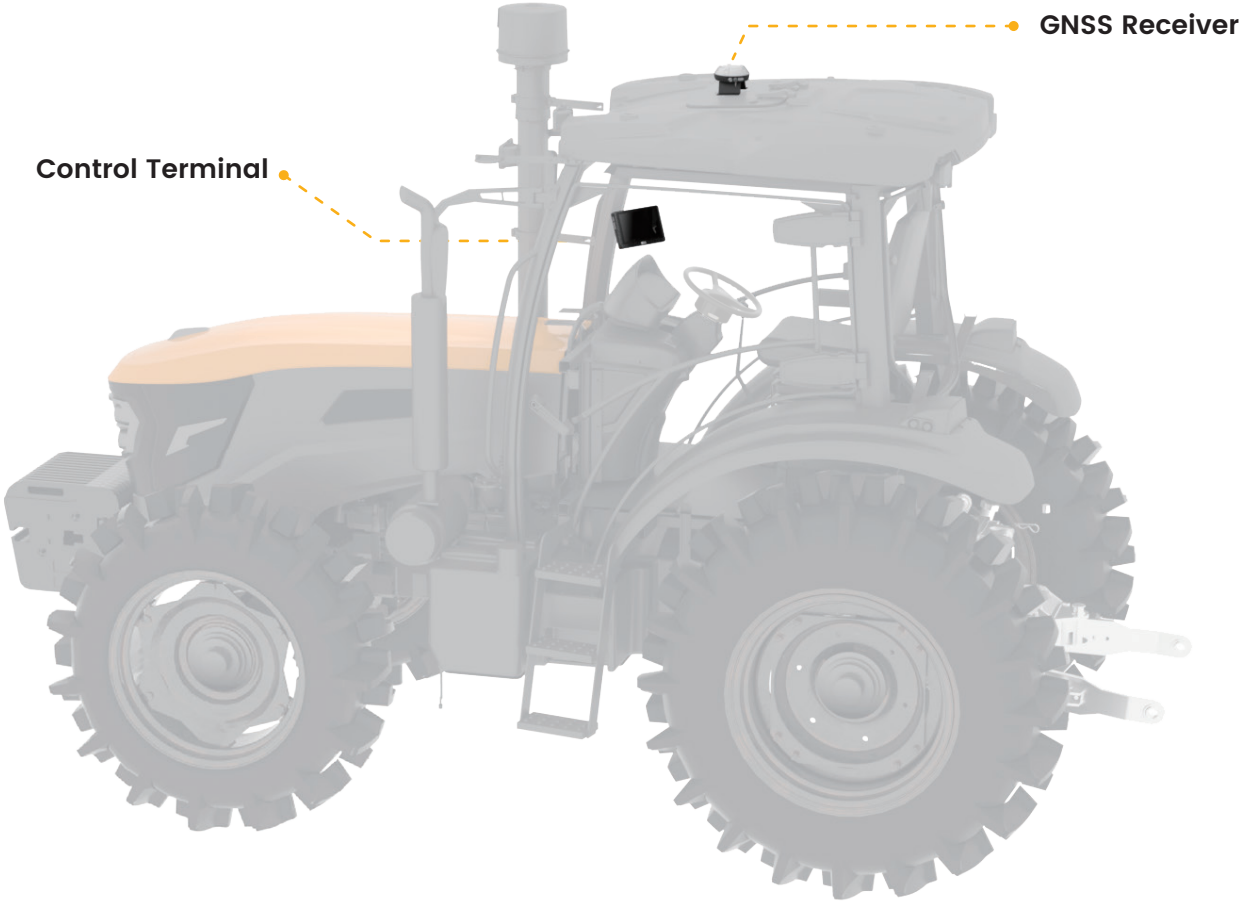
Control Terminal

Dimensions	(10-inch) 275×180×40 mm
	(12-inch) 290×196×25 mm
Power Supply	9 V-36 V
Network Module	4G,3G,2G
IP Rating	(10-inch) IP65
	(12-inch) IP67



GNSS Receiver

Dimensions	162×64.5 mm
Frequency	GPS: L1C/A, L1C, L2P(W), L2C, L5; GLONASS: L1, L2;
	BDS: B1I, B2I, B3I, B1C, B2a; Galileo: E1, E5a, E5b; QZSS: L1, L2, L5
IP Rating	IP66



STEER READY (NON-CANBUS)



(10-inch)



(12-inch)

Control Terminal

Dimension	(10-inch) 275×180×40 mm
	(12-inch) 290×196×25 mm
Power Supply	9 V-36 V
Network Module	4G, 3G, 2G
IP Rating	(10-inch) IP65
	(12-inch) IP67



Angle Sensor

IP Rating	IP67
Operating Temperature	-40 ℃ - +85 ℃



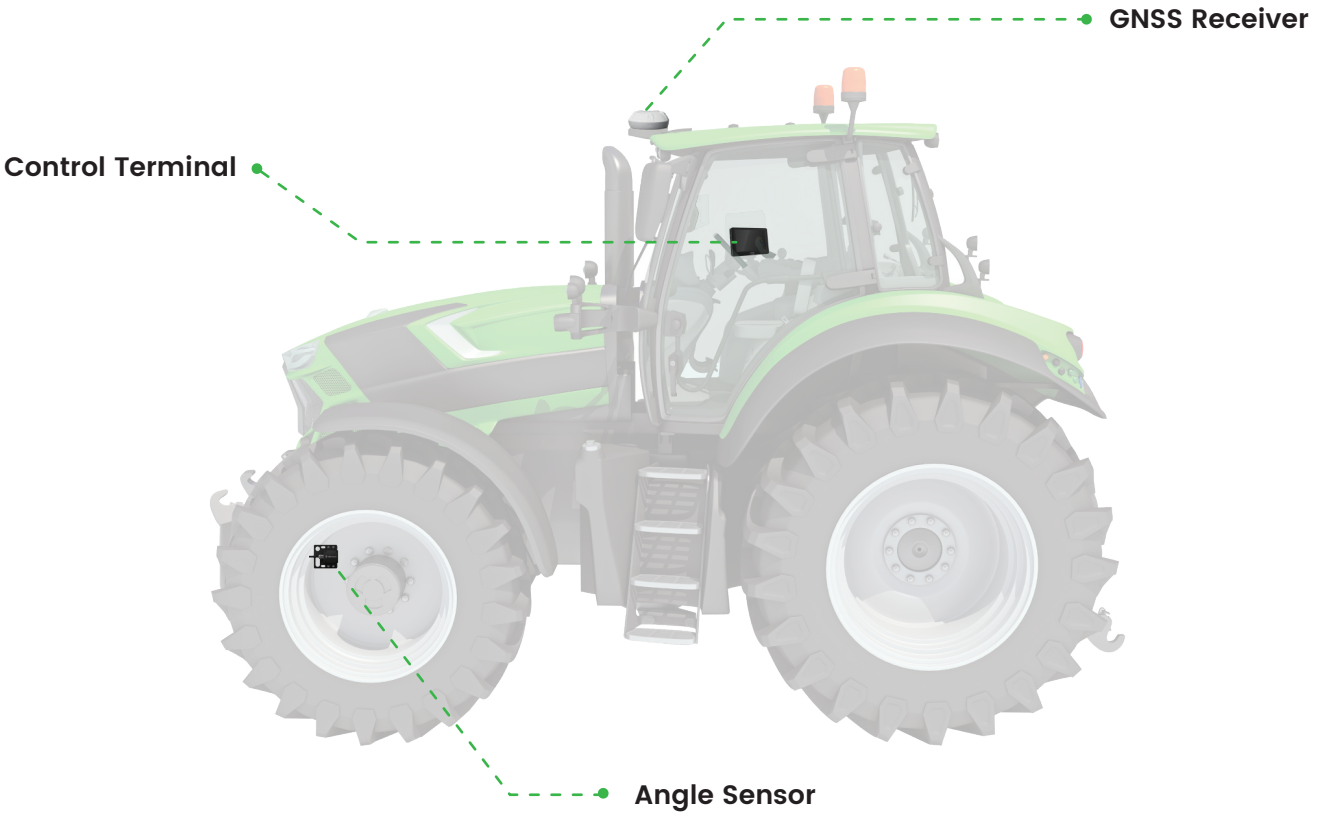
Pressure Sensor

Interface Thread	G 1/4 External Thread
Output Signal	0-5 V DC
Pressure Range	3000 psi



GNSS Receiver

Dimensions	162 × 64.5 mm
Frequency	GPS: L1C/A, L1C, L2P(W), L2C, L5;
	GLONASS: L1, L2; BDS: B1I, B2I, B3I, B1C, B2a;
	Galileo: E1, E5a, E5b;
	QZSS: L1, L2, L5"
IP Rating	IP66



* Compatible with valve brands from Hydac, Eaton, Rexroth, Parker, Bucher, and others.

Free Quote: sales.global@fjdynamics.com
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FJDynamics.com

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