

FJD AT2 AUTO STEER SYSTEM

HANDS-FREE & MORE PRODUCTIVE

FJD AT2 Auto Steer System combines GNSS and RTK to guarantee a 2.5cm pass-to-pass accuracy on any terrain. With this system, you can reduce skips and overlaps, save on input costs, work at night, and save your neck from looking back and forth.



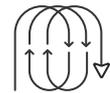
Advanced Guidance Line



Farm Management



Terrain Compensation



U-turn Auto-driving



ISOBUS Control*

*Available for AT1.
To be released for AT2.



GIS Information Transfer



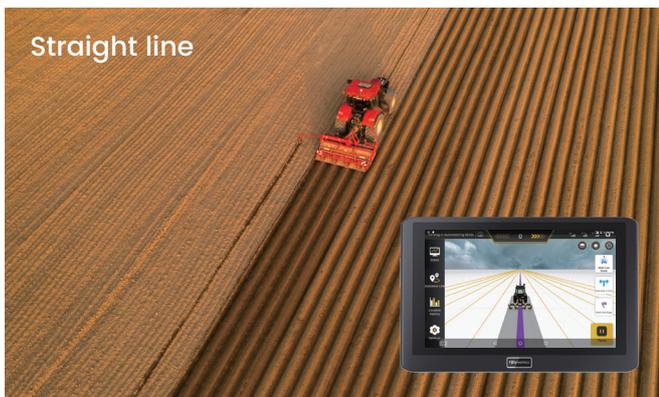
One-man Installation



Online Support & OTA

ADVANCED GUIDANCE LINE

Straight line, curve, A+ line, and pivot modes are available for diverse field shapes and operation needs. Shift straight AB lines and scale pivot lines to your needs and sync them for multiple devices to share.

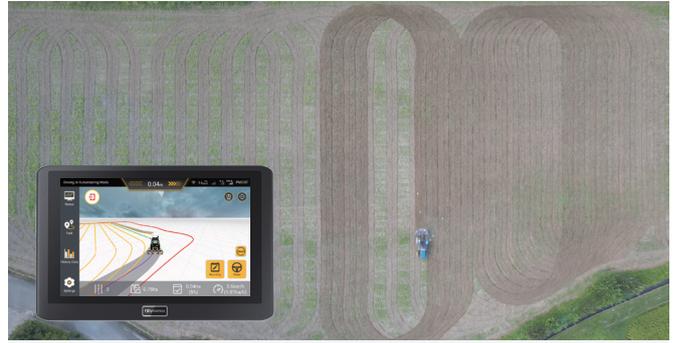


KEY FUNCTIONS



±2.5cm Pass-to-pass Accuracy

Achieved by working GNSS and RTK together, the latter of which comes from a base station or an NTRIP service provider.



U-turn Auto-driving

Your tractor turns around at the end of the row and finishes the operation with one or two lapses along the headland automatically.



Terrain Compensation

Accuracy is guaranteed even on rolling terrains, slopes, and rough grounds.



Farm Management

Map your boundaries, manage, and keep track of your tasks on the control terminal and FJD Connect.

WHICH FITS YOU BETTER?

AT1



AT2



Constellations

GPS: L1, L2;
 GLONASS: G1, G2;
 BDS: B1I, B3I, B1C, B2b;
 Galileo: E1, E5b
 QZSS: L1, L2

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

Control Terminal

300*190*43mm
 2200g
 Screen-to-body ratio: 0.5
 Extensive access ports (13)

275*180*40mm
 1500g
 Screen-to-body ratio: 0.73
 Integrated access ports (6)

GNSS Receiver

Positioning and orientation info
 /

Positioning, orientation, the vehicle's pitch angle, and roll angle info
 Built-in IMU

IMU

✓

Integrated in the GNSS Receiver

QUICK SPECS



Control Terminal

Size	275 × 180 × 40 mm
Power Supply	9V-36V
Network Module	4G, 3G, 2G
IP Rating	IP65



Electric Steering Wheel

Size	410 × 410 × 135 mm
Max Torque	30 N·m
Power Input	12 V/24 V



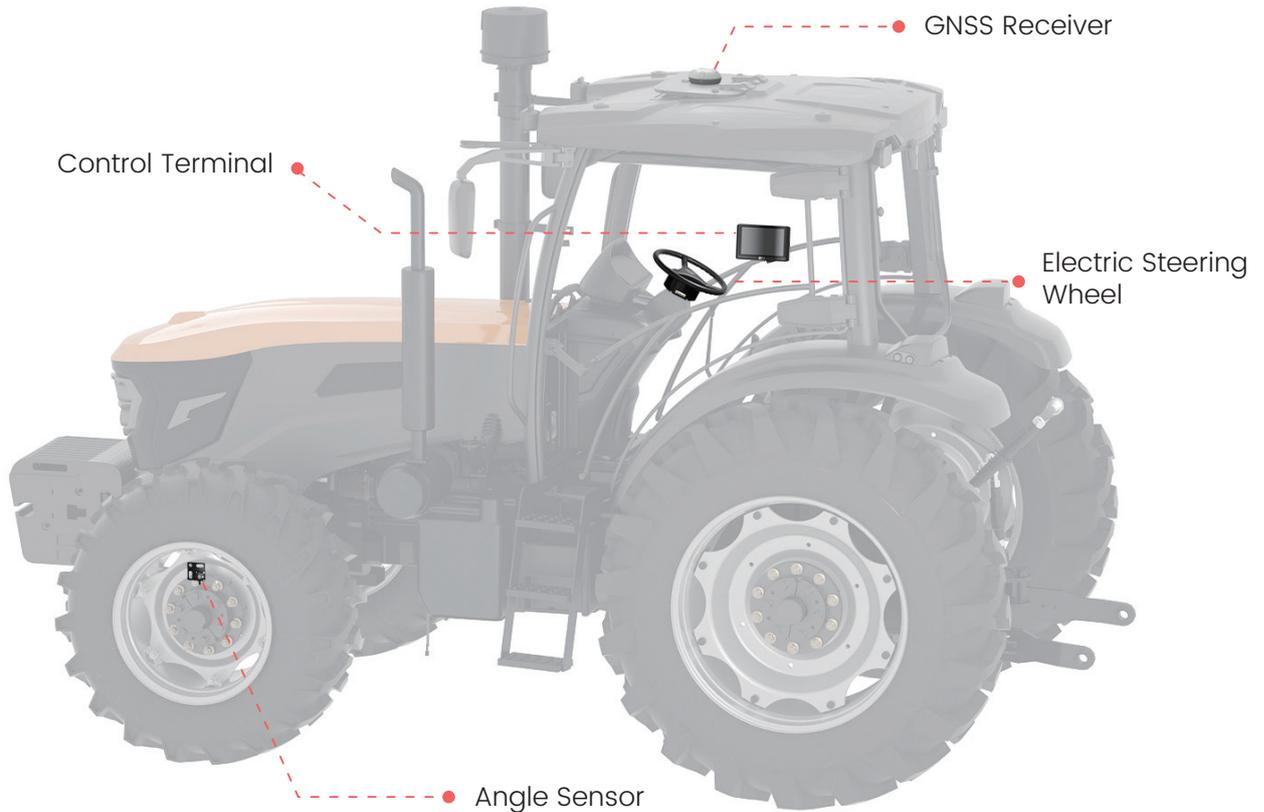
GNSS Receiver

Size	162 × 64.5 mm
Frequency	GPS: L1C/A, L1C, L2P(W), L2C, L5; GLONASS: L1, L2; BDS: B1I, B2I, B3I, B1C, B2c; Galileo: E1, E5a, E5b; QZSS: L1, L2, L5
IP Rating	IP66



Angle Sensor

Operating Temperature	-40°C - +85°C
IP Rating	IP67



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CREATE FOR A BETTER WORLD

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