



FJD ATX AUTO STEER SYSTEM



CLEAR VISION, STABLE PRECISION

The FJD ATX Auto Steer System is a highly adaptable automatic navigation solution specifically designed for scenarios with challenging signal and high-precision operation requirements. It combines vision, LiDAR, RTK and IMU sensors to work perfectly even when the RTK signal fails. With stability and precision, the ATX achieves fully unmanned operations in complex spots like orchards, golf courses, and green spaces.



Multi-Scenario Signal Adaptation

Integrate vision, LiDAR, RTK and IMU sensors to enhance environmental awareness. This advanced setup ensures stable, high-precision results even when the GPS or 4G signal drops, allowing it to work reliably in tough spots like orchards or deep valleys.



Unmanned Autonomous Operation

Achieve true unmanned work in orchards and on golf courses. You can control the system remotely, including start/stop, speed, and path planning. Built for 24-hour continuous running, it automates night operations to maximize efficiency and cut venue operating costs.



Precision Control

Offer compatibility with ISOBUS and NDVI cameras for variable rate spraying and section control based on crop density. In lawn mowing, it allows you to precisely set the speed and path on the app, bringing maximum efficiency and high quality for both turf and crops.



Smart Management

Combine the N10 CORS Station and GreenMaster Platform to create a complete ecosystem from signal acquisition to operational monitoring. This allows for easy fleet coordination, remote task assignment, and centralized management, greatly boosting your overall efficiency.



Safety Assurance

Utilize both vision and LiDAR to detect obstacles along the way. It also provides a physical safety bumper, electronic fences, and an emergency stop button for enhanced protection. These features work together to protect people and machines, ensuring the system runs reliably and safely, even without an operator present.

APPLICATIONS SCENARIOS



Orchard



Golf Course

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