

FJD ATX

Auto Steering Kit



Full Autonomy for Real Golf Course

Built for real golf course conditions, FJD ATX Auto Steering Kit upgrades conventional professional mowers to full autonomy with editable digital mapping, RTK + LiDAR hybrid navigation, remote visibility, and layered safety protection. It delivers safer, more consistent, and more efficient turf maintenance with less labor.

Smarter Operations



90%+

labor savings, freeing crews for higher-value turf work.

Automated mowing, turning, edge trimming, and blade lift for continuous operation across separated areas such as cart paths.

Fast 3D digital mapping with S2 Max scanner for quick setup, multi-machine reuse, and easy zone updates.



Night operation to extend working hours and improve daytime course availability.



Precision for Real Golf Course Conditions



RTK and LiDAR fusion navigation for high-precision operation, even under tree cover or in unstable signal conditions.

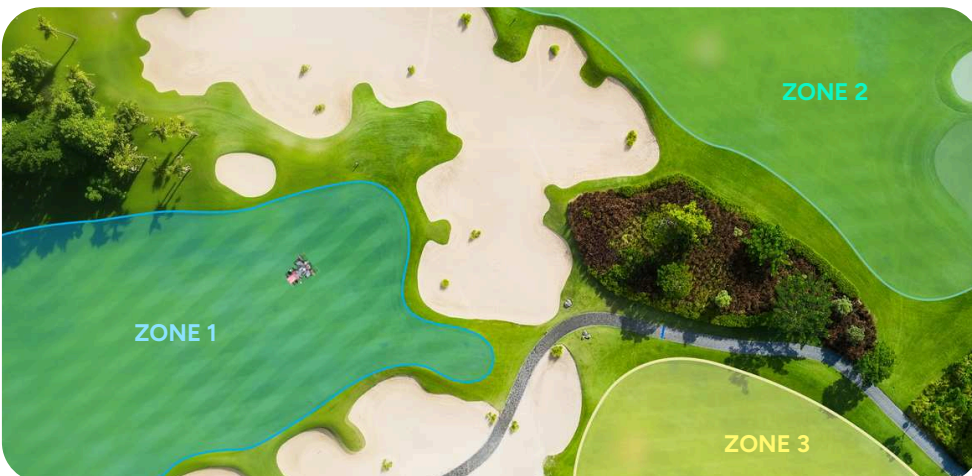
Centimeter-level positioning delivers more stable path tracking and more precise turns, reducing missed spots and overlap for cleaner striping and a more consistent finish.



Safer and Easier to Manage



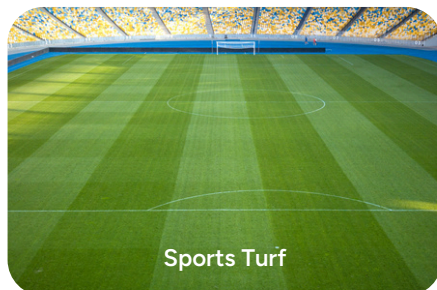
Comprehensive 360° safety protection with environmental awareness, obstacle avoidance, anti-collision protection, and emergency stop.



Automatic recording of runtime, coverage, efficiency, and routes for continuous optimization

Fleet management, remote task assignment, and multi-zone management for greater operational efficiency.

Applications



Specifications

Control Terminal	
Operating System	Android 9
Connectivity	LTE / Wi-Fi / Bluetooth
Display	12.1 inch
Power Supply	9-36 V DC
Interfaces	CAN / RS-232 / Ethernet
Operating Temperature	-20 to 70°C (-4 to 158°F)
IP Rating	IP67
Electric Steering Wheel	
Max Torque	20 N·m
Power Supply	9-36 V DC
IP Rating	IP66
GNSS Antenna	
Dimensions	Ø142 × 66.5 mm (Ø5.59 × 2.62 in)
IP Rating	IP67
IMU	
Accelerometer	±8 g
Gravity Sensor	±1000 °/s
Operating Temperature	-20 to 70°C (-4 to 158°F)
Angle Sensor	
Operating Temperature	-20 to 70°C (-4 to 158°F)
IP Rating	IP67

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CREATE FOR A BETTER WORLD

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