

FJD Titan

Robotic Mower



Precision Refined. Tournament Ready.

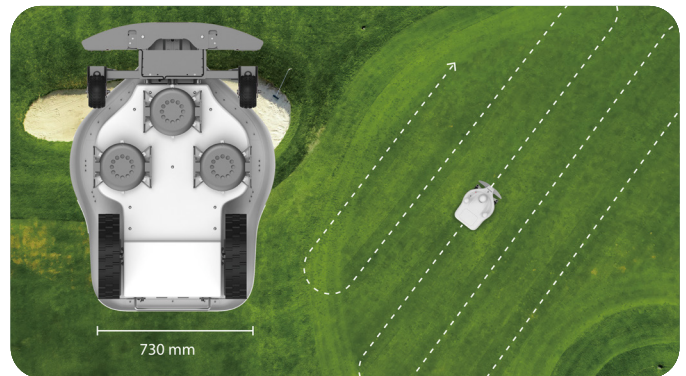
Elevate your turf standards with Titan's autonomous precision. Designed for golf courses and sports fields, Titan combines a three-layer guidance system with smart fleet management to deliver consistent, tournament-ready results while freeing your team for higher-value tasks.



Get a Consistently Pristine Cut with Titan

Efficient Cutting Performance

A 730mm cutting width covers more ground in less time, reducing overall mowing duration. Built for high efficiency and broad coverage, Titan cuts up to 36,000 m² (9 acres) per day. Work zones can be created via FJD Trion V4e Pro, ensuring no pushing needed, handy for huge lots.



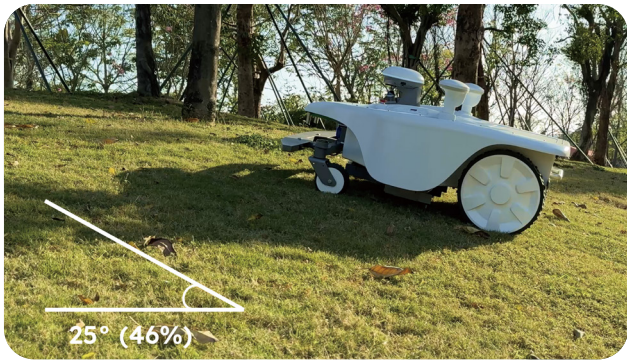
Smart Power Management

A 2 kWh Lithium Iron Phosphate (LiFePO₄) battery offers extended runtime, fast charging, and improved sustainability. Titan returns to its charging station with pinpoint accuracy for a fast recharge—minimizing downtime and maximizing your mowing time.

Advanced Navigation

Titan's three-layer navigation system, featuring dual-RTK GNSS antennas, LiDAR, and vision, ensures precise mowing and obstacle avoidance. With flexible zone management, Titan can operate in any designated work area regardless of where the charging station is located.



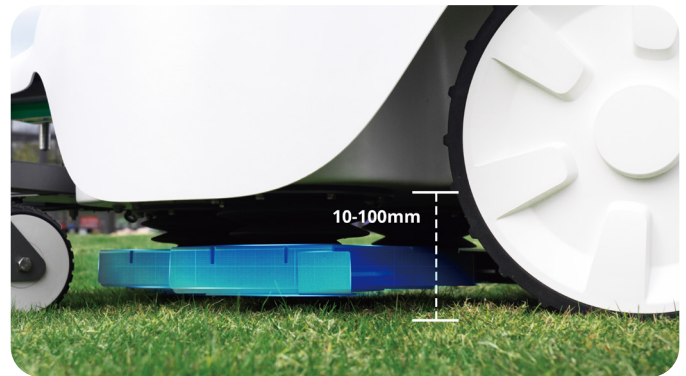


Robust Terrain Adaptability

Even on bumpy or irregular surfaces, rotating front axle and dual-wheel drive on each side delivers superior traction and stability, superior slope climbing, and reliable anti-slip performance on all terrains.

Adjustable cutting height and patterns

Set a cutting height between 10–100 mm on the FJD Landscaping® App. Adapt your mowing missions to different grass types and seasonal changes. With just few taps, Titan can assist in drawing large areas and complex graphics on grass blocks such as sports fields.



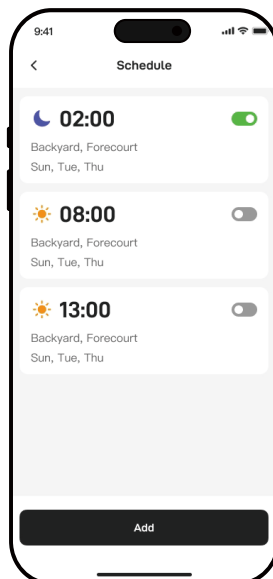
Automated, Precise, and Scalable

Seamless Fleet Coordination with Cloud Map Management

One detailed property map powers your entire Titan fleet. After initial mapping, you can instantly deploy any mower to any section of the property. This cloud-based system lets you quickly adjust coverage areas, reassign mowers during maintenance, and coordinate multiple units for large properties. Your team can access these maps securely from any device, ensuring consistent service even when different operators are on duty.

Data-Driven Team and Performance Management

Take control of your operation with customizable access levels for every team member. Supervisors can assign tasks and monitor progress in real time, while maintenance staff get automatic alerts when units need attention. The system generates detailed reports on coverage, efficiency, and maintenance schedules—turning your mowing data into actionable insights for better client communication and operational planning.



Specifications

Mowing Capabilities

Mowing Capacity	36,000 m ² per day
Max Slope	25° / 46%
Cutting Height	10 mm–100 mm / 0.4 in–3.9 in
Cutting Width	730 mm (260 mm each) / 28.7 in (10.2 in each)
Positioning Technology	Base station + LiDAR + vision
	NTRIP supported

Physical Attributes

Dimensions (LWH)	1400 mm × 1050 mm × 650 mm/ 55.1 in x 41.3 in x 25.6 in
Weight	122 kg / 287 lbs
Ingress Protection Rating	IP64
Noise Level	≤ 90dB
Operating Temperature Range	0-55°C / 32-131°F

Sensors and Safety

Rain Sensor	Yes
Collision Sensor	Yes
Anti-theft	Yes

Connectivity and Control

Connectivity	4G, Wireless Connectivity
Mobile App	FJD Landscaping, Available on iOS and Android
Firmware Update	OTA

Battery and Runtime

Batteries	2 kWh × 1
Work Time per Charge	8-10 hours
Charging Time	2 hours (0%-100%)

*Information subject to change. Please refer to final product materials for the latest specifications.



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CREATE FOR A BETTER WORLD

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