



# FL3000

LiDAR Robotic Mower



See Further. Mow Smarter.



Keep your lawn perfectly maintained, effortlessly and intelligently. The FJD FL3000 paves the way for next-gen lawn care with the integration of LiDAR and vision technology, which perfectly understand your yard, spot obstacles, and smoothly work around them. It creates a precise virtual map of your entire yard, ensuring an even, consistent cut without the hassle of buried wires or complex installations. Now it's time to enjoy a break while FJD FL3000 takes care of the rest automatically!



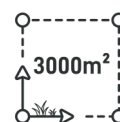
5-Min  
Setup



Automated  
Mapping



No Wire,  
No RTK



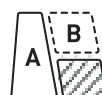
Recommended  
Mowing Area 3,000m<sup>2</sup>



Smart  
Path Planning



Intelligent Object  
Avoidance



Multi-Zone  
Management



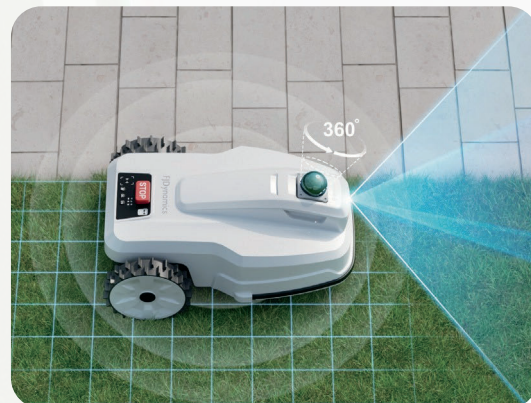
33° Climbing  
Capability



## No Wire, No RTK, 5-Min Setup

Forget about the hassle of complex setup—simply install the charging station and define the virtual boundaries of your garden via our FJD Landscaping® App.

## SIMPLE SETUP, EASY START



### Smart Edge Trimming

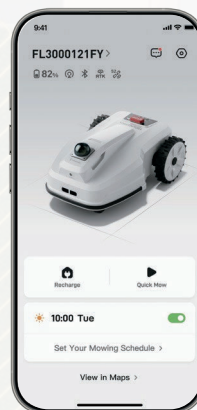
Use LiDAR and vision fusion to cut your lawn neatly and exactly to the edges. This means less work for you in setting up boundaries.



### Automated Mapping

Simply place the mower on the grass and let it automatically scan and map your lawn all by itself – no setup needed!

\*Works best in areas with clear transitions between lawn and non-lawn surfaces.



### One App Does It All

Tap to start, monitor progress, manage zones—right from your phone.





## SMART MOWING FOR EVERY CORNER OF YOUR YARD



### Smart Path Planning

Automatically executes the most efficient route to keep your lawn perfectly maintained.

### Multi-Zone Management

Manage multiple mowing areas easily with seamless lawn partitioning and smooth transitions between them.

### Dynamic Object Avoidance

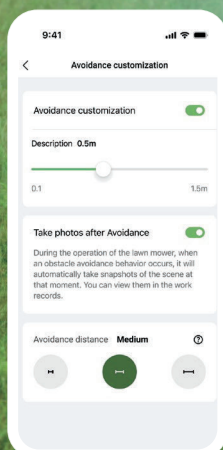
It detects and avoids obstacles on the go, adjusting its path instantly for smooth, uninterrupted mowing around your lawn.

### Adjustable Object Detection Height

Customize the height limit for objects to avoid, so the device navigates your yard safely and efficiently—just the way you need it.

### No Signal Worries

Trees, walls, and tight corners? Not a problem. LiDAR technology ensures precise navigation and top-tier performance even in the most challenging areas.





# READY FOR ANY TERRAIN

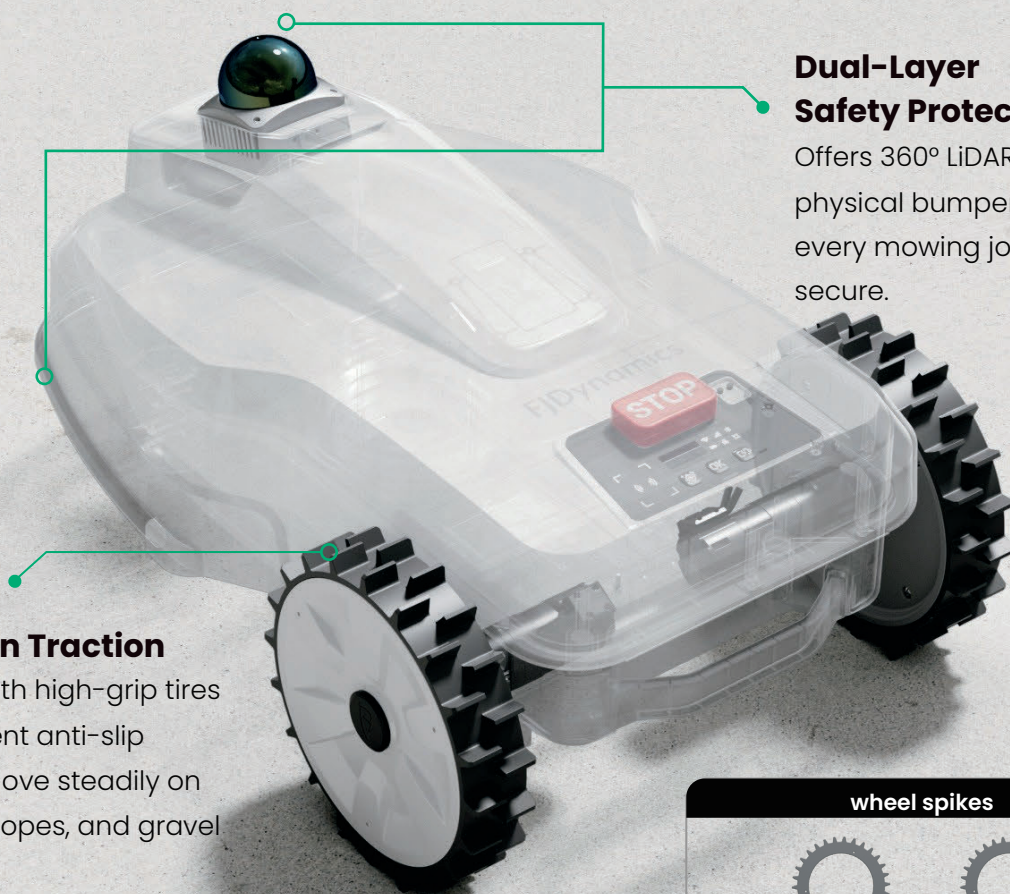


## Engineered for Steep Slopes

Conquers slopes up to 33° with ease, thanks to the advanced traction and smart climbing algorithm.

## Electric Deck Auto-Lifting

Adapts cutting height automatically, letting you customize the cutting style and mowing patterns for each of your areas.



## Dual-Layer Safety Protection

Offers 360° LiDAR sensing and physical bumpers to keep every mowing job safe and secure.

## All-Terrain Traction

Equipped with high-grip tires and intelligent anti-slip control to move steadily on wet grass, slopes, and gravel paths.

wheel spikes





# Work Less. Enjoy More.

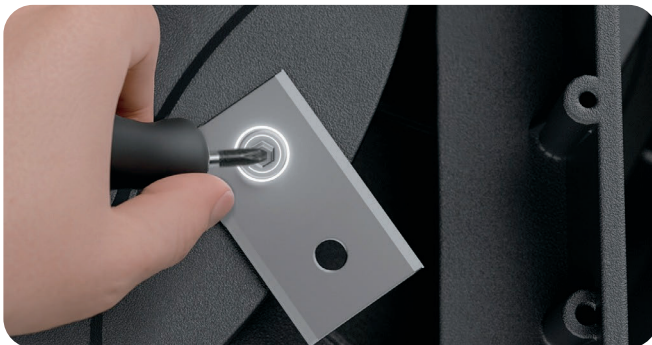


## Automatic Rain Detection

When rain is detected, the robot halts mowing task to make its way back to the charging station—all without any user input.

## IPX5 Waterproof Rating

Easily rinse off grass and dirt with your garden hose—it's built for it.



## Fast Blade Swap

Twist to release and replace blades in seconds, keeping your workflow smooth and efficient.

## Peaceful Anti-Theft

Built with real-time GPS tracking integrated with anti-theft capabilities to give you peace of mind, wherever you are.





## Specifications



### Mowing Capacity

Recommended mowing area	3000 m <sup>2</sup> (0.75 acre)
Max climbing ability	33° (65%)
Max mowing slope	25° (47%)
Boundary type	Virtual wire
Mowing pattern	Customizable in FJD Landscaping®

### Complete Unit

Weight	13.5 kg (30 lb)
Dimensions	633×443×302 mm / 24.9×17.4×11.8 in.
Software update	OTA
Connectivity	4G, Wi-Fi, Bluetooth
IP rating	Mower: IPX5 Charging station: IP65

### Cutting System

Cutting height	20–60 mm / 0.8–2.4 in. (Standard) 10–50 mm / 0.4–2.0 in. (Standard with adapter) 40–80 mm / 1.6–3.2 in. (High-cut version)
Cutting width	260 mm / 10.2 in.

### Battery & Charging

Battery capacity	0.095 kWh × 2
Battery life	3h
Charging time	Standard: 110 min Fast charging: 90 min

### Factory Configuration

Complete mower	●
Charging station	●
High-strength cutting blade	●

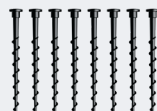
### Accessories list



Cutting Blades



High-Strength Cutting Blade



Plastic Pegs



Screws



Wheel Spikes



# ROBOT HANDLES THE GRASS. ENJOY YOUR YARD!

Free Quote: [fjdmower@fjdynamics.com](mailto:fjdmower@fjdynamics.com)  
Address: 15 SCOTTS ROAD #03-12, Singapore



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