

LiDAR Robotic Mower

FL3000



Key features

- **10-Minute Setup:** No wires, no RTK. Simply set up the charging station and instantly map your lawn.
- **Automated Mapping:** Just place it on the grass and it will scan and map your lawn automatically.
- **No Signal Issues:** Trees, walls, and tight corners? No problem.
- **Precise Obstacle Avoidance:** Rocks, toys, or tree branches, the FL3000 detects obstacles before trouble strikes.
- **Intelligent Path Planning:** Plans the most efficient route for a perfectly maintained lawn.
- **Smart App Control:** Start mowing, track progress, and manage zones, all in one app.

Specifications

Mowing Capacity

Recommended mowing area	3000 m ² (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

Technology	LiDAR + RGB Vision Sensor Fusion
Weight	13.5 kg (30 lb)
Dimensions	633 × 443 × 302 mm / 24.9 × 17.4 × 11.8 in.
Camera	Monocular
Software update	OTA
Connectivity	4G, WiFi, Bluetooth
Noise level	60 dB
IP rating	Mower: IPX5
	Charging station: IP65

(● = Standard, ○ = Optional, / = Unavailable)

Cutting System

Cutting height	20–60 mm / 0.8–2.4 in.
	10–50 mm / 0.4–2.0 in.
Cutting width	260 mm / 10.2 in.

Battery & Charging

Battery capacity	190 Wh
Battery performance	180 min
Charging time	120 min

Factory Configuration

Complete mower	●
Charging station	●
RTK base station	/
Garage	○

Accessories List

				
Cutting Blades	High-Strength Cutting Blade	Plastic Pegs	Screws	Wheel Spikes

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