

Robotic Mower

FV2000



Key features

- **Innovative RTK Precision for Lawn Care:** Achieve flawless mowing with next-generation RTK accuracy.
- **Mowing Capacity:** Effortlessly covers up to 6000 m² in just three days.
- **Optimal Path Planning:** Smart route optimization for faster and cleaner mowing.
- **Real-Time Object Detection & Avoidance:** Instantly detects and avoids obstacles for safe operation.
- **Smart App Control:** Manage, schedule, and monitor mowing anytime via the app.
- **Wire-Free Boundaries:** No perimeter wires required, quick setup.

Specifications

Mowing Capacity

Recommended mowing area	2000 m ² (0.5 acre)
Max climbing ability	33° (65%)
Max mowing slope	25° (47%)
Boundary type	Virtual wire
Mowing pattern	Customizable in FJD Landscaping®

Complete Unit

Technology	RTK + RGB Vision Sensor Fusion
Weight	13.2 kg (29 lb)
Dimensions	634 × 444 × 285 mm / 24.9 × 17.5 × 11.2 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.
Cutting width	260 mm / 10.2 in.

Battery & Charging

Battery capacity	95 Wh
Battery performance	90 min
Charging time	60 min

Factory Configuration

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

Accessories List

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

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