

INEEDROBOT



LEADING THE FUTURE OF ROBOTICS

INEEDROBOT

FJD FV2000

Robotic Lawn Mower





Innovative RTK Precision for Lawn Care

Achieve flawless mowing with next-level RTK accuracy.



3-Day Mowing Area: 6000 m²

Effortlessly covers up to 6000 m² in just three days.



Optimal Path Planning

Smart route optimization for faster, 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.



Perimeter-Wiring Free

No boundary wires needed – quick setup, ready to mow.

Product Specifications

Dimensions (W × D × H)	631 × 444 × 290 mm
Weight	13.156 kg
Charging Time**	60 min
Mowing time per full charge	90 min
Max climbing ability	33° (65%)
Cutting width	255 mm
Cutting height range	10–50 mm

* All battery claims depend on various factors and operating conditions; actual results may vary. The battery has a limited number of charging cycles and may eventually need to be replaced. The lifespan of the battery and the number of charges depend on usage and settings.

INeedROBOT

FL3000

LiDAR Robotic Mower





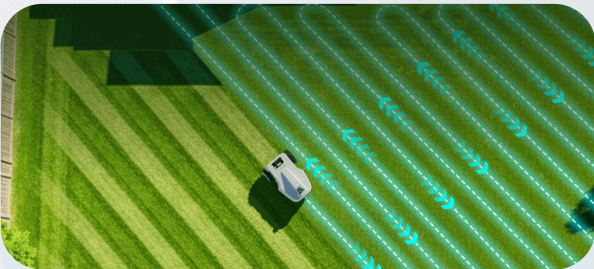
10-Min Setup

No Wire, no RTK. Simply set up the charging station, instantly map your lawn.



No Signal Issues

Trees, walls, and tight corners? Not a problem!

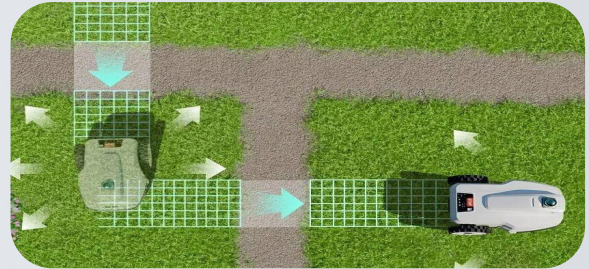


Intelligent Path Planning

Plans the most efficient route for a perfectly maintained lawn.

Product Specifications

Dimensions (W x D x H)	633 x 443 x 302 mm
Weight	13.5 kg
Charging Time**	120 min
Mowing time per full charge	80 min
Max climbing ability	33° (65%)
Cutting width	260 mm
Cutting height range	20–60 mm (Standard) 10~50 mm (Standard with Adapter)



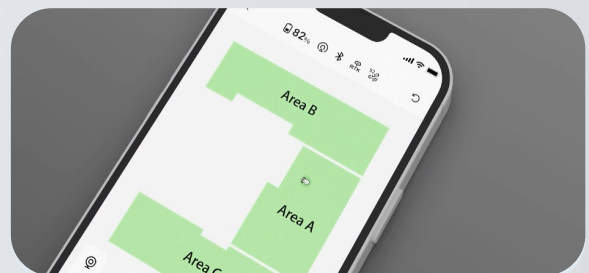
Automated Mapping

Just place it on the grass – it scans and maps your lawn all by itself.



Precise Obstacle Avoidance

Rocks, toys, or tree branches, the FL3000 detects obstacles before trouble strikes.



One App Does It All

Tap to start, track progress, and manage zones? All at your fingertips.

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INEEDROBOT

FR4000

Robotic Lawn Mower





RTK Positioning Options

Achieve centimetre-level positioning accuracy with an extraordinary coverage range & reliable signal receiving.



Max Slope 33° (65%)

Conquer steep slopes with an impressive 33° climbing ability, handling inclines of up to 65% effortlessly.



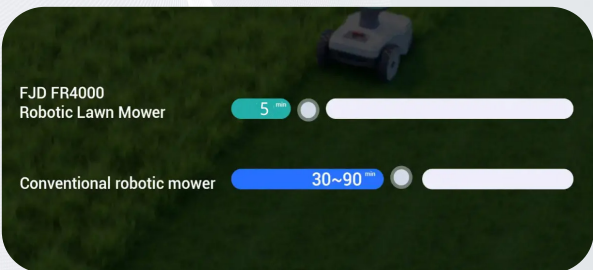
Security System for Anti-Theft

Comes with a combination of PIN access, alarm features, charging station pairing, and GPS theft tracking to provide robust security.



Real-Time Remote Control

This innovative function allows you to track the mowing status through a real-time camera feed.



5-Minute Installation

Quick, Easy, and Hassle-free.



190 Wh Capacity

Indulge in lasting power with a 190 Wh capacity. Enjoy up to 180 minutes of mowing time per full charge.

Product Specifications

Dimensions (W × D × H)	645 × 444 × 420 mm
Weight	13.3 kg
Charging Time**	120 min
Mowing time per full charge	180 min
Max climbing ability	33° (65%)
Cutting width	255 mm
Cutting height range	10–50 mm / 20–60 mm

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INEEDROBOT

PAINT MASTER™ MINI

RLM02 Robotic Line Marker





FJD Line Marking Simulator

With the FJD Line Marking Simulator, users can rehearse marking paths virtually before execution, verifying results in advance to reduce errors and save time.



Save Costs, Increase Efficiency

Achieve perfect line marking with smart driven accuracy – every time.



Endless Possibilities, Tailored To You

Support custom map designs as needed.

Product Specifications

Dimensions (W × D × H)	656 × 655 × 453 mm
Weight	21.85 kg
Marking Speed	2 km/h
Charging Time**	2 h (with dual chargers)
Battery Performance	2 h
Nozzle Height	3–8 cm
Paint Container	8 L



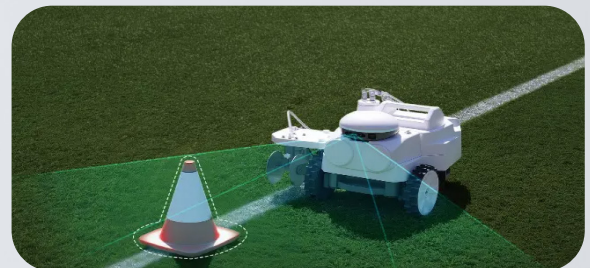
Unmatched Line Marking Precision

Industrial-grade RTK and flexible signal options ensure precise, stable line marking across diverse field conditions.



Easy Mapping

Offer a portable handheld point marker to complete mapping in just minutes, reducing the need to drive the robot to the site.



Safety & Anti-Theft

Combine real-time visual monitoring with physical anti-collision design to keep your robot safe during operation.

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PAINT MASTER™ PRO

RLM01 Robotic Line Marker





Unmatched Marking Accuracy

Dual industrial-grade GNSS positioning plus optional laser kit deliver centimeter- to millimeter-level precision, even in GPS-challenged areas.



Rapid Mapping & Multi-field Setup

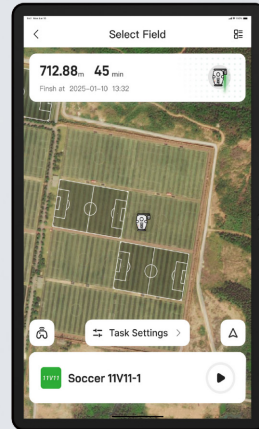
Portable handheld point marker allows quick mapping anywhere and enables creation and management of multiple field layouts simultaneously.



Save labor costs
by up to
90%+

Maximized Efficiency & Reduced Costs

Save over 90% of labor, minimize paint usage, cut unnecessary trial runs, and operate continuously with fast battery swapping and 24/7 availability.



Cloud-Connected Fleet & Remote Control

Manage multiple robots in parallel, monitor real-time status, switch fields automatically, distribute maps via cloud, and control operations remotely through the mobile app.



Advanced Marking Simulation & Planning

Rehearse routes virtually, validate field layouts in advance, and optimize for flawless first-time execution with minimal adjustments.



Safety-Driven, Durable Design

Featuring binocular vision auto-stop system, bumper-strip protection, portable modular structure, and certified paint compatibility for long-term reliability.

Product Specifications

Dimensions (W × D × H)	1068 × 1023 × 672 mm
Weight	58.6 kg
Marking Speed	1–3 km/h
Charging Time**	2 h
Battery Performance	5 h
Nozzle Height	3–8 cm
Paint Container	20 L

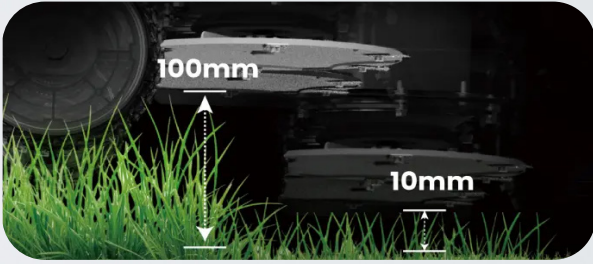
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FRX

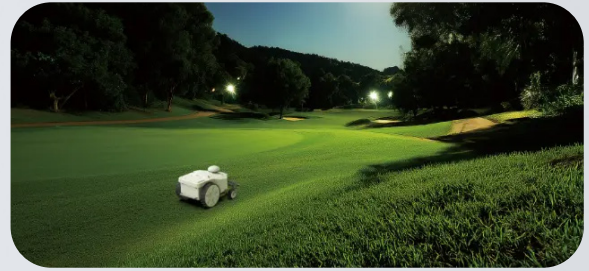
Professional Lawn Mower





Ultra-Wide Cutting Height Range

Adjustable from 10 to 100 mm – perfect for both fairways and roughs.



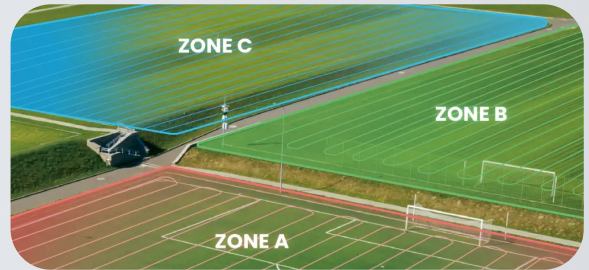
Nighttime Quiet Operation

Free up the course during the day.



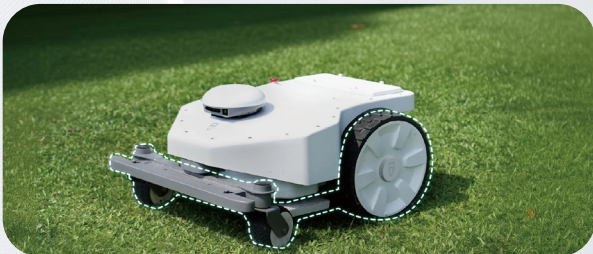
Flexible Charging Options

Fast battery swapping for 24/7 mowing.



Multi-Field Management for Efficient Mowing

Achieve simultaneous mowing on multiple sports fields and automatically go to the next field upon completion.



Ultra-Light Chassis for Easy Transportation

Ultra-light chassis design for effortless handling and easy transport.



IPX5 Waterproof Design

Its water-resistant design ensures dependable operation in rainy conditions and allows for safe daily cleaning.

Product Specifications

Dimensions (W × D × H)	1278 × 782 × 739.9 mm
Weight	83.7 kg
Max mowing area per charge	8000 m ²
Charging Time*	240 min
Battery Performance	320 min
Cutting height	10–100 mm
Cutting width	520 mm
Max climbing ability	20°

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RM21

The Ultimate Robotic Mower





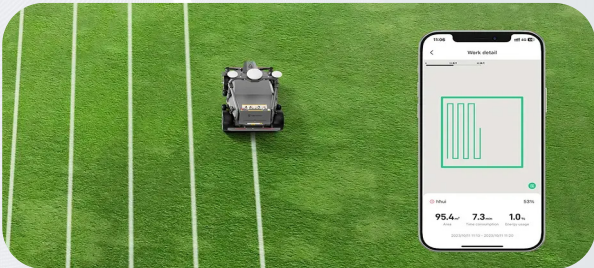
Automatic mowing on complex terrain

Automatically detects terrain, obstacles, and trees, ensuring safe mowing even on complex surfaces.



Smart path planning and multi-zone management

Enables automatic optimal path planning and simultaneous multi-area control with one click.



Full control via mobile app

Allows management and monitoring through a mobile application.

Product Specifications

Dimensions (W x D x H)	853 x 1330 x 980 mm
Weight	170 kg
Max Mowing Area per Charge	13,000 m ²
Charging Time*	300 min
Battery Performance	300 min
Battery Capacity	4 kWh
Cutting Height	30–127 mm
Speed	0–6 km/h
Max Climbing Ability	≤ 20°



Exceptional mowing precision

RM21 uses centimeter-level positioning (RTK + LiDAR).



Advanced safety and protection

Equipped with 360° obstacle detection, collision and lift sensors, and rain protection.



Reliable performance with automatic charging

Automatically returns to the charging station when the battery is low and continues working afterward. Handles slopes up to 20°, enabling smooth operation on uneven terrain.

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