

### FJD RM21

**ROBOTIC MOWER** 



### **NEW COMMERCIAL TURFCARE ERA STARTS HERE**

The best turf shines in the real season. That's the motivation driving the RM21 to redefine turf caring for sports fields or sod farms. Designed with pure electric drive for quiet, oil-free performance, it's built with a smart control system and a large-capacity battery, giving you all the eco-friendly efficiency you need to let your landscaping business roll.

### TECH-DRIVEN LAWN CARE REIMAGINED



### Accurate and efficient mowing

Cut grass with centimeter-level positioning accuracy, giving efficiency a boost while reducing the risk of mowing lapse, mowing task omission or repetitive working.



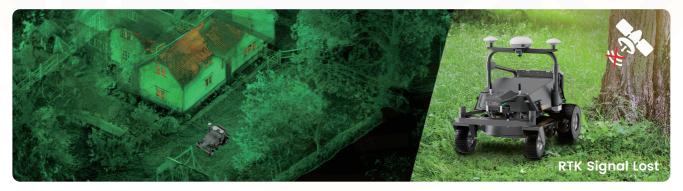
### One-click multi-field management

Support mowing multiple zones in a single task to save your valuable time & effort in managing your property, helping you invest more time on critical tasks.



### **Smart path planning**

Plan optimal mowing paths automatically with built-in precision algorithms, relieving your anxiety when working on the labor-intensive mowing tasks.



### Automatic mowing on complex terrain

Leverage LiDAR tech to create a 3D map of the terrain, making it a breeze to safely mow in challenging areas such as under trees or around objects.

### PROTECTION MEETS INNOVATION



### 360° real-time object detection

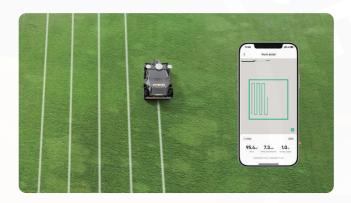
Leverage LiDAR to detect surrounding objects and eliminate blind spots, giving you an extra layer of safety through rapid obstacle avoidance and collision prevention.





### Comprehensive protection

Safeguard itself with collision bumpers, lift protection and raining monitoring, meeting your need for a safe and flawless mowing operation.



### Easier and smarter mowing

Offer the convenience of app control, allowing you to manage your mower or schedule in real time even when you're out of town.

### **RELIABLE PERFORMANCE**



### No more battery anxiety

Return automatically to the charging station for auto-recharging when the battery life is low, reducing the need for manual intervention and improving working efficiency.



### No more worry about slopes

Climb slopes or inclines of up to 20° without getting stuck, ensuring a consistently smooth ride over tricky terrain.

### **APPLICATION SCENARIOS**





### **SPECS**

Weight (with 2 batteries)	375 lb/170 kg	Ground Speed	0-3.7 mph/0-6 km/h
Dimensions	L52×W34×H40 inch L1330×W853×H980 mm	Max Operation Area per Three Days	93600 m²/23 acre
Number of Blades	1	Max Operation Area per Charge	3.2 acre/13000 m <sup>2*</sup>
Cutting Height	0.8-5 inch/20-127 mm	Average Working Time	5 h
Cutting Width	25 inch/635 mm	Maximum Gradeability	≤20°
Battery Capacity	4 kWh	Charging Time	5 h
Battery Voltage	48 V DC	IP Rating	IPX4

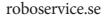
#### Note:

- 1. The cutting height can be adjusted up to 20mm/0.8 inches only on flat lawns. For uneven lawns, keep the height above 30mm/1.2 inches.
- 2. Working area capacity is variable due to grass type, soil, cutting height and slope.

RoboService Sverige AB 010 214 62 22 B2B@roboservice.se

**CREATE FOR A BETTER WORLD** 

Copyright © FJDynamics. All rights reserved.













# FJD LM01 LINE MARKER KIT



### MAKE LINE MARKING EASIER

Perfect sports field lines don't happen overnight. It takes high precision marker to make your field the best it can be. The LM01 comes standard with a top-class navigation system that makes precise lines marked in minutes with an ultra-long battery life. With customizable maps and lines, this marking robot lets you get the results both players and spectators can enjoy in any soccer, rugby, and lacrosse field.

# HIGH PRECISION FROM START TO FINISH

A local base station provides stable signals to ensure every line is marked precisely on point.

- Achieve the highest possible marking accuracy.
- Reduce the risk of signal drift with super stability.
- Save money by eliminating the need to purchase additional NTRIP accounts.



### SAVE COSTS, INCREASE EFFICIENCY











# INTUITIVE INTERACTION AND SIMPLE OPERATION

- Offer an array of built-in marking templates for quick and easy deployment.
- Support multiple map creation methods to meet different marking needs.
- Identify the starting point automatically for marking without manual intervention.
- Resume marking from where is left off for continuous workflow.

### **SAFE AND RELIABLE**

Provide dual protection of 360° laser radar monitoring and physical anti-collision, eliminating your safety concerns about unmanned marking.





### **CONFIGURATIONS**





### Hardware

Base Station

Blade Disc

**Charging Station** 

Portable Charger

Lithium Battery

### Feature

Max Marking Time per Full Charge

Mowing

**Charging Mode** 

Screen Plate Auto-Lifting

**Resume Spraying** 

**Auto-locate Starting Point** 

360° Monitoring

Paint Level Alarm

### **APPLICATION SCENARIO**













### **SPECS**

RM21+LM01 Weight (With Blade Disc)	238 kg
Max Marking Speed	3 km/h
Paint Capacity	25 L
Marking Width Range	5-17 cm
Nozzle Height	3-8 cm
Working Temperature	5-35°C

Rated Voltage	48 V DC
Rated Power	150 W
Rated Current	3 A
IP Rating	IPX4
Max Marking Time per Full Charge	20 h

<sup>\*</sup>Note: FJDynamics has the final interpretation right on this product.

RoboService Sverige AB 010 214 62 22 B2B@roboservice.se

**CREATE FOR A BETTER WORLD** 

Copyright © FJDynamics. All rights reserved.













### FJD GC01

### **GRASS COLLECTION KIT**

- ✓ <u>Automatic Grass Collection &</u>
  <u>Disposal</u>
- ✓ <u>Unique Lawn Striping</u>
- Artificial Turf Cleaning
- ✓ Unmanned Leaf Collection



#### **AUTOMATIC GRASS COLLECTION**

Collect grass clippings and debris from your lawn automatically, eliminating the need for manual cleanup.

#### HANDS-FREE GRASS DISPOSAL

Carry collected grass clippings and debris to a designated location for disposal, keeping your lawn impeccably tidy without effort on your side.

### UNIQUE LAWN STRIPING

Create alternating light and dark stripes on the lawn through precise control, aligning with the EUFA standards for sports fields while adding a touch of visual charm.

#### ARTIFICIAL TURF CLEANING

Integrate RTK and LiDAR navigation technology for high-precision unmanned cleaning operations, making it a breeze to maintain both outdoor and indoor artificial turf.

### **UNMANNED LEAF COLLECTION**

Leverage advanced intelligent technology to automatically collect fallen leaves, effortlessly maintaining a neat and attractive appearance for your lawn and yard.

#### **ULTRA-QUIET OPERATION**

Operate silently without noise or harmful fumes, promoting a tranquil lifestyle that benefits your family and neighbors in the community.

#### APPLICATION SCENARIOS

(1) Mowed Grass Collection on Sports Fields; (2) Artificial Turf Cleaning; (3) Leaf Collection on Flat Areas.

GC01 Weight		100 kg	Max Travel Speed	3 km/h
RM21 +GC01 W	eight	270 kg	Max Single Collection Volume	150 L
Dimensions	1260x960x740 mm	(49.6x37.8x29.1 inches)	Max Climbing Ability	≤8°
Drive Mode		Electric	IP Rating	IPX4
Number of Roll	er Brushes	1	Rated Working Voltage	48 V
Roller Brush Ro	tation Speed	300/400/500 rpm	Rated Working Power	750 W
Grass Collection	on Height	20-50 mm	Rated Working Current	15.6A
Grass Collection	n Width	80 cm (31 inches)	Operating Temperature	0-45°C

RoboService Sverige AB 010 214 62 22 B2B@roboservice.se



# FJD PaintMaster<sup>™</sup> Pro

RLM01 ROBOTIC LINE MARKER



### MAKE LINE MARKING EASIER

FJD PaintMaster Pro is a truly intelligent line-marking robot for sports fields. It delivers centimeter-level accuracy through two industrial-grade GNSS positioning systems and a local base station. Paired with FJD's laser kit, this robot also offers millimeter-level marking precision even in GPS-challenging areas, like under trees or near stands. With great savings on time and labor costs, this robot is a top solution for any sports fields.



Easy Transportation



Convenient Mapping



Precise Line Marking Without RTK Signal



Fast Battery Swapping
7x24 Marking



Local Base Station
No Precision Fluctuation



Fleet Management



Multi-Field Management



Real-Time
App Monitoring & Control

# HIGH PRECISION FROM START TO FINISH

Provide stable signals with a local base station, ensuring that every line is marked precisely on point.

- Achieve the highest possible marking accuracy.
- Reduce the risk of signal drift with super stability.
- Save money by eliminating the need to purchase additional NTRIP accounts.

Support professional NTRIP provided by FJD N10 CORS station.





### **CONVENIENT MAPPING**

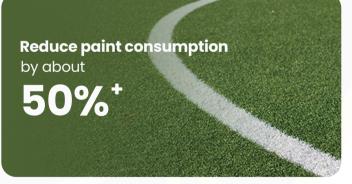
Come standard with a portable handheld point marker, helping you complete mapping in a few minutes without driving a vehicle around the field for boundary confirmation

- Carry around anytime, anywhere.
- Increase efficiency via multi-field mapping.
- Reduce costs in mapping and transportation

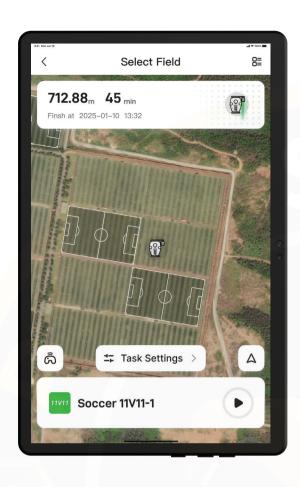
### **SAVE COSTS, INCREASE EFFICIENCY**











### **USER-FRIENDLY SOFTWARE**

- Allow for customizing marking maps based on your needs.
- Distribute maps to corresponding devices from the cloud platform.
- Support fleet management for marking with multiple devices at the same time.
- Switch to the next field automatically upon completing the current marking task when you have multiple fields to mark.
- Monitor marking status in real time and control marking operation and image feed remotely from the app without being on the field.





# DESIGNED FOR CONVENIENCE

- Lightweight and portable design for easy transportation.
- Independent paint filling port for fast and convenient paint refills.
- Easy paint bucket change for faster pipeline cleaning.
- Standard tablet for easy control and convenient use.
- Removable structure makes it easy to repair and maintain.



### **SAFE AND RELIABLE**

Feature dual protection from real-time visual monitoring and front & rear bumper strips, keeping the machine and people safe during operation.



Come with a binocular camera for enabling automatic stop upon object detection during marking, delivering consistent performance even at nighttime.



### **APPLICATION SCENARIO**













### **SPECS**

Weight (Excluding Paint)	73.4 kg	Fast Battery Swapping	Supported
Dimensions 1074×1023×67	2 mm / 42.3×40.3×26.5 in.	Base Station	Optional
Marking Speed	1–3 km/h	Operation Tablet	Standard
Paint Bucket Capacity	20L(Expandable to 25L)	Handheld Point Marker	Standard
Nozzle Above Ground	3-11 cm	Laser Kit	Optional
Marking Width Range	6-17 cm	Battery Life (0.5 kWh Standard Battery)	5h
Standard Battery Capacity	0.5 kWh	Charging Time (0.5 kWh Standard Battery)	2.2h
Expanded Battery Capacity	1 kWh	Working Temperature	5−45 °C

<sup>\*</sup>Note: FJDynamics has the final interpretation right on this product.

RoboService Sverige AB 010 214 62 22 B2B@roboservice.se

**CREATE FOR A BETTER WORLD** 

Copyright © FJDynamics. All rights reserved.













# FJD PaintMaster™ Mini

RLM02 Robotic Line Marker





Make Line Marking Easier Than Ever Before

FJD PaintMaster™ Mini is a smart and compact line marking robot with a sleek design that delivers centimeter-level accuracy and high efficiency. Equipped with an advanced handheld point marker, it allows you to map the field in minutes—no need to manually drive the robot on-site.

Fully autonomous operation saves hundreds of labor hours annually, making it a reliable and cost-effective solution for sports field managers who look for perfectly accurate results with minimal effort.





Lightweight & Portable



Quick and Easy Mapping



Al-Powered
Autonomous Marking



Swappable Battery for All-Day Operation



Fleet Management& Multi-Field Management



Vision-Based Object Avoidance



GPS Anti-Theft

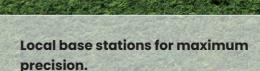


Real-Time App Monitoring & Control

# UNMATCHED LINE MARKING PRECISION

Feature industrial-grade RTK for stable, interference-resistant signals, ensuring every line is marked with pinpoint accuracy. It supports both local base stations and FJD N10 CORS System with professional NTRIP services, offering versatile signal solutions to meet high-precision marking needs across various scenarios.

Industrial-grade RTK for stable signal and strong anti-interference.



Support NTRIP mode provided by the FJD N10 CORS System.

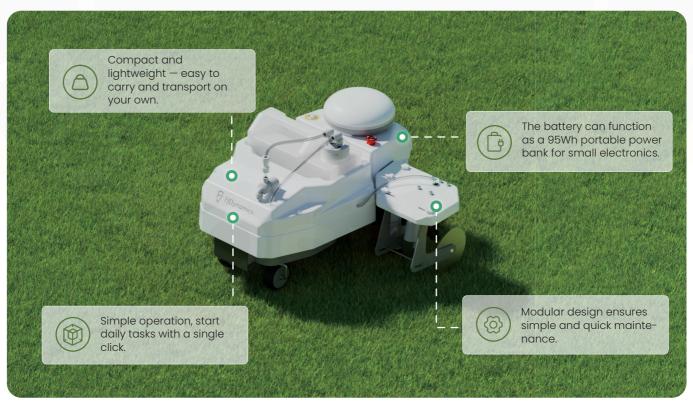
### SAVE COSTS, INCREASE EFFICIENCY

Achieve perfect line marking with Al-driven accuracy—every time. Swap batteries in one click and keep working non-stop, all day long. Free up your time to focus on what truly matters.



### **LIGHTWEIGHT & EASY TO USE**

Designed specifically for small to medium-sized sports clubs and organizations.





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

### Simple & Convenient

Portable design makes it easy to carry and enables mapping anytime, anywhere, free from site or traffic constraints.

#### **Efficient**

Create multiple maps at once for large-scale or multi-site mapping tasks, improving efficiency and saving both time and costs.

### **Cost-Saving**

Reduce transport costs for the entire machine and labor costs for manual mapping.



# ENDLESS POSSIBILITIES, TAILORED TO YOU

Support custom map designs as needed. Fleet management enables multiple robots to work across several fields at the same time for increased efficiency. You can also check progress and control robots remotely via the app without being on-site.





Customizable line marking maps



Cloud-based maps with online editing and map distribution



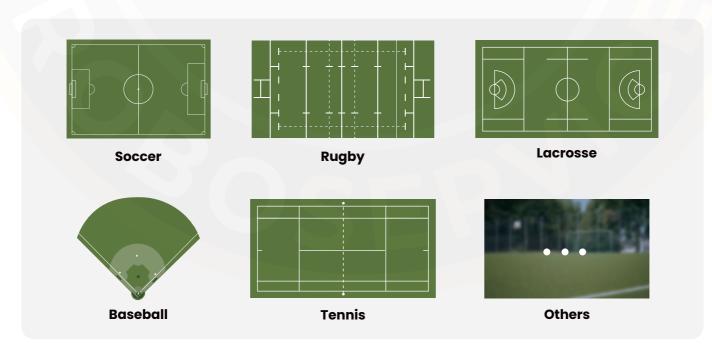
### **SAFETY & ANTI-THEFT**

Combine real-time visual monitoring with physical anti-collision design to keep your robot safe during operation. Real-time GPS tracking and a comprehensive anti-theft system completely eliminate theft risks, ensuring secure line marking.





### **APPLICATION SCENARIOS**



### **Specifications** RLM02 Weight (Excluding Paint) 21.85 kg 656x655x453 mm / 25.83x25.78x17.83 in. Dimensions Marking Speed 2 km/h Line Width Range 5-12 cm Paint Container 8L Nozzle Height 3-8 cm 190 Wh (2\*95 Wh) Standard Battery Capacity Battery as Power Bank Fast Battery Swapping Laser Kit **Battery Performance** 1.5h Charging Time 1h (with dual chargers) Working Temperature 5-45 °C IP Rating IPX5 **Standard Configuration** Main Unit Battery Charger Paint Bucket **Tablet** 0 **Base Station** Handheld Point Marker 0

\*○ Optional / • Standard / - Unavailable

RoboService Sverige AB 010 214 62 22 B2B@roboservice.se





Independent Anti-Theft Module









 $\circ$ 



# FJD FRX Robotic Lawn Mower



Professional Lawn Management Made Affordable

Elevate your turf maintenance to championship standards with the FJD FRX—the professional robotic lawn mower built for sports fields and golf courses. Featuring a unique suspension cutting disc and front suspension chassis, the FRX effortlessly follows terrain contour, delivering precise and consistent cutting results every time.

This mowing robot offers two flexible models: FRX Swap (portable charger) and FRX Stationary (auto-charging). Whether you're maintaining sports fields or golf fairways, the FRX lets you focus on perfection while it handles precision.





Adjustable Cutting Height 10–100mm



96,000 m² in 3 Days (Fast Battery Swapping)



RTK+Vision Navigation



Al Path Planning



Vision-Based Object Avoidance



Virtual Boundary



Fast Battery Swapping 24x7 Mowing



Fleet Management & Multi-Field Management

# PROFESSIONAL MOWING SOLUTION FOR SPORTS FIELDS

# **ZONE** C

# **ZONE B**

### **Multi-Field Management for Efficient Mowing**

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

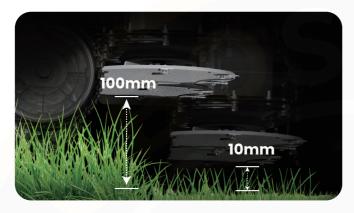
# ZONEA



### Hassle-Free Mowing and Precise Trimming

Support 10mm minimum height, ideal for sports fields. One full charge covers the whole field.

# PROFESSIONAL MOWING SOLUTION FOR GOLF COURSES



**Ultra-Wide Cutting Height Range**Adjustable from 10mm to 100mm —
perfect for both fairways and roughs.



Flexible Charging Options
Fast battery swapping for 24/7 mowing.
Auto-charging for fully unmanned operation.



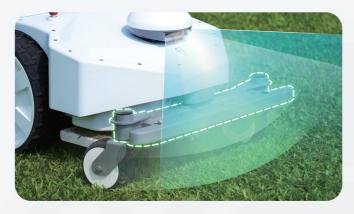
**Nighttime Quiet Operation**Free up the course during the day.



**Damage-Free Unmanned Mowing** Lightweight & turf-friendly design.



### **SAFETY FIRST & EASY TO USE**



**Dual Protection, Safety First**Effectively avoid obstacles
and ensure safe operation.



Offer an optional anti-theft module for up to one month of theft protection during mower

power-off.



Quick Mapping with Handheld Marker

Optional handheld marker for fast mapping in minutes—no mower needed onsite.



### **Automatic Boundary Recognition**

Automatically follow edges for precise cuts, reducing the need for mapping.

\*Future upgrades via OTA.



### Remote App Control and Image Feed

Monitor the status of the mower and control the operation from far away.
With image feed, you can check the situation of the field at any time without being on-site.

### **HIGH-PERFORMANCE CHASSIS**

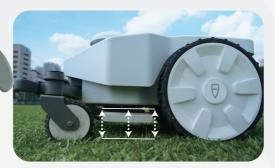
#### **Ultra-Light Chassis for Easy Transportation**

Ultra-light chassis design for effortless handling and easy transport by just two people.



### Front Suspension Chassis for Stable Operation

Ensure stable operation on uneven terrain, providing a smooth mowing experience.



### Cutting Disc Auto-Lifting

Adjust the mowing height in real time via remote control based on seasonal changes and mowing needs.



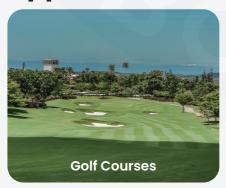
Feature an independent suspension unit for each cutting disc that automatically adapts to uneven terrain, ensuring a flawless mowing result without scalp damage.



#### **IPX5 Waterproof Design**

Eliminate the worry of water immersion, whether it is rainy day operation or daily cleaning.

### **Application Scenarios**







### **Specifications**







**FRX Stationary** 

	TRX OWAP	TRA Stationary
Mowing Capacity		
Fast battery swapping mode *Calculated based on 24-hour operation. Actual coverage depends on user working hours.	72h Maximum coverage 96,000m² (23.7 acres) 24h Maximum coverage 32,000m² (7.9 acres)	72h Maximum coverage 96,000m² (23.7 acres 24h Maximum coverage 32,000m² (7.9 acres)
Automatic charging mode	-	72h Maximum coverage 60,000m² (14.8 acres 24h Maximum coverage 20,000m² (4.9 acres)
Max mowing area per charge	4000m² (0.5 kWh) / 8000m² (1 kWh)	4000m² (0.5 kWh) / 8000m² (1 kWh)
Max climbing ability	20°	20°
Max mowing slope	15°	15°
Front suspension chassis	•	•
Boundary type	Virtual wire	Virtual wire
Cutting mode	Custom angle mowing	Custom angle mowing
Overall Dimensions		
Weight	62 kg	83.7 kg
Dimensions	967.6*757*513 mm / 38.1*29.8*20.2 in.	1278*782*739.9 mm / 50.3*30.8*29.1 in.
Software update	OTA	OTA
Connectivity	4G, Wi-Fi, & Bluetooth	4G, Wi-Fi, & Bluetooth
IP rating	IPX5	IPX5
Cutting System		
Cutting height	10–100 mm / 0.4-4 in.	10-100 mm / 0.4-4 in.
Cutting width	520 mm / 20.5 in.	520 mm / 20.5 in.
Travel speed	0-4 km / h	0-4 km / h
Cutting disc (6 pivoting razor blades per disc)	2	2
Battery & Charging		
Charging mode	Manual (only)	Manual & automatic
Fast battery swapping	•	•
Battery life	160 min	160 min
Charging time	120 min	120 min
Positioning and Navigation		
Positioning	RTK & vision	RTK & vision
NTRIP	•	•
FJD base station & CORS station	•	•
Factory Configuration		
Complete mower	•	•
Portable charger	•	0
Auto-charging station	-	
0.5 kWh battery	•	
1 kWh battery	0	0
High-strength cutting blade	0	0
Handheld point maker	0	0
FJD base station	0	0
Independent anti-theft module	0	0

\*○ Optional / • Standard / - Unavailable

RoboService Sverige AB 010 214 62 22 B2B@roboservice.se













### **FJD FR4000**

**ROBOTIC LAWN MOWER** 



### MAP BEYOND LIMITS, MOW AS YOU WISH

Powered by industrial RTK technology and a smart vision system, the FJD FR4000 robotic lawn mower defines virtual boundaries and ensures centimeter-level accuracy in positioning, eliminating the need for wires.



Industrial RTK Technology



No Perimeter Wires



Mow Up to 10,000 m<sup>2</sup> (2.47 acre)



Max Slope Up to 33° (65%)



Smart Vision System



Route Planning and Auto-recharging



Multi-zone and No-go zone Management



App Control and OTA Updates

# ENTERPRISE AI-POWERED ROBOTIC MOWER: CONQUER MOWING TASK OVER 10,000m² EFFORTLESSLY



### **DROP & RUN: MAKE MOWING TO NEXT LEVEL**

FR4000 users can flexibly create the work zones and start the mowing tasks as they wish without the need of the charging station. This revolutionary function not only streamlines the lawn maintenance process but also enhances operational efficiency, ultimately delivering significant commercial value and empowering businesses to stay ahead of the competition.



### RTK POSITIONING MODES TAILORED TO YOUR NEEDS

#### Radio RTK mode

Achieve centimeter-level positioning accuracy with a reliable signal coverage range of at least 1 km. In this mode, the RTK reference station can be connected via Wi-Fi without data costs. As a leading global brand, FJD's industrial RTK is widely used in precision agriculture, geospatial, digital construction, and professional landscaping.







#### **Network RTK mode**

Remove the need for an RTK reference station, offering a versatile alternative to fulfill your flexible RTK connection needs. In this mode, you can effortlessly deploy your mower with NTRIP(Networked Transport of RTCM via Internet Protocol).



# SMART VISION SYSTEM BASED ON RGB CAMERA AND STEREO CAMERA

### Intelligent boundary recognition

Recognize the grassland and establish optimal boundaries for every section of your lawn to deliver a remarkable level of precision.



### Real-time object detection and avoidance

Feature a stereo camera, an RGB camera and a front bumper, guaranteeing superior object detection and avoidance.



### Enhanced vision navigation

Navigate seamlessly with Al Navigatio technology in challenging environments, ensuring uninterrupted operation even in areas with weak RTK signals.



### 10-MINUTE INSTALLATION: QUICK, EASY, AND HASSLE-FREE

The FJD FR4000 robotic lawn mower has been designed with a streamlined installation process that takes only 10 minutes. This includes setting up the RTK station and charging station, allowing you to quickly and easily get started on maintaining your lawn without the hassle of lengthy setup times.



### STAND OUT IN PERFORMANCE

### Max slope 33° (65%) to handle tricky terrains at ease

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



### Security system for anti-theft

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



### Better protection with a built-in rain sensor and IPX5 waterproof

Design with a rain sensor to pause mowing and guide the mower back during rainfall, and build with IPX5 waterproof to protect the mower from water damage.



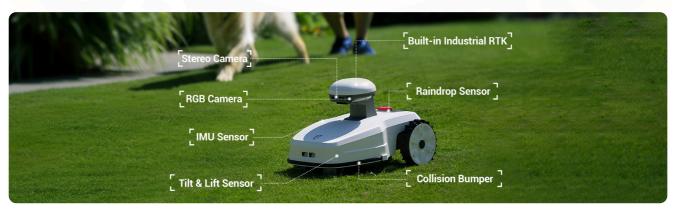
### 190Wh capacity for long-lasting uses

Enjoy up to 180 minutes of mowing time per full charge, maximizing productivity for uninterrupted lawn care.



# **EQUIPPED WITH MULTIPLE SENSORS: ELIMINATE POTENTIAL MOWING RISK**

The FR4000 lawn mower comes equipped with an array of intelligent sensors, to ensure safety and efficiency during operation, providing a worry-free mowing experience. Designed for commercial use, it delivers superior protection for turf and property, a wise investment for turf business owners.



# GIVE YOUR TURF MANAGEMENT & MAINTENANCE A BOOST: SMART APP CONTROL

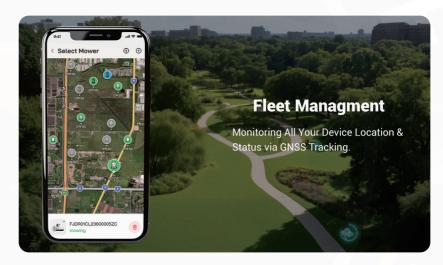
### Real-time Remote Control

This innovative function allows you to track the mowing status through a real-time camera feed, providing you with greater visibility and control over your lawn maintenance. You can manually stop or control the mower and check its current location.



### Fleet Management

The advanced Fleet Management function offers real-time monitoring of all your devices' locations and statuses on a global scale, ensuring seamless operations and maximum productivity of all your FR4000 devices. Unlock the full potential of your business with unparalleled control and visibility.



### PERSONALIZED MOWING EXPERIENCE

### Set mowing schedule

Define your lawn mow schedule, and the the FR4000 will handle the rest around the clock.



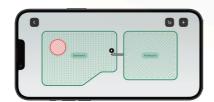
### Adjust cutting height

Set the perfect cutting height from 10 to 50 mm for different areas to suit your needs.



### Select mowing modes

Select different modes like parallel stripes for greater mowing efficiency.



### Manage multi-zones and no-go zones

Customize mowing zones with tailored cutting heights and schedules while designating no-go zones to avoid specific areas.



### **PRECISE POSITIONING & NAVIGATION** IN CHALLENGING AREAS









### **SPECS**

### Capacity

Mowing Ability	Up to 10,000 m²(Within 3 days)	
Boundary type	Virtual boundaries (No perimeter wire)	
Net weight	13.3 kg	
Dimension	645 mm × 444 mm × 420 mm / 25.4 in × 17.5 in × 16.5 in	
Max climbing ability	33° (65%)	
Max multi-zone management		
No-go zone management	Supported	
Engine	Rear-wheel-drive	
Rain sensor	Supported	
Suggested working temperature	0-55°C	
Waterproof level (mower, charging station, and RTK reference station)		

### **Positioning & Navigation**

Industrial RTK & enhanced vision	Supported
Radio RTK mode & network RTK mode	Supported
User interface	Keyboard & APP control
Firmware update	APP update through OTA
Connectivity	4G & Wi-Fi & Bluetooth

### **Product Safety**

Object detection &	k avoidance system	Stereo camera&
	RGB camera & Physical bumper	
Lift sensor		Supported
Security System		Account pairing , Alarm
	Charging station pai	ring , GPS theft tracking
Tilt sensor		Supported

### **Cutting System**

Cutting width	255 mm / 10 in
Cutting height range	10-50mm / 20-60mm
Mowing speed range	0.3-0.5 m/s
Blade speed range	High, middle, and low
Blade type	6 pivoting stainless steel blades
Cutting mode	Parallel stripes with customized angle

### **Battery & Charging**

Dual battery capacity	190 Wh
Battery type	Lithium-ion battery
Charging mode	Automatic & Manual
Auto-recharging	Supported
Mowing time per full charge	180 min
Charging time	120 min

RoboService Sverige AB 010 214 62 22 B2B@roboservice.se





**CREATE FOR A BETTER WORLD** 

Copyright © FJDynamics. All rights reserved.









