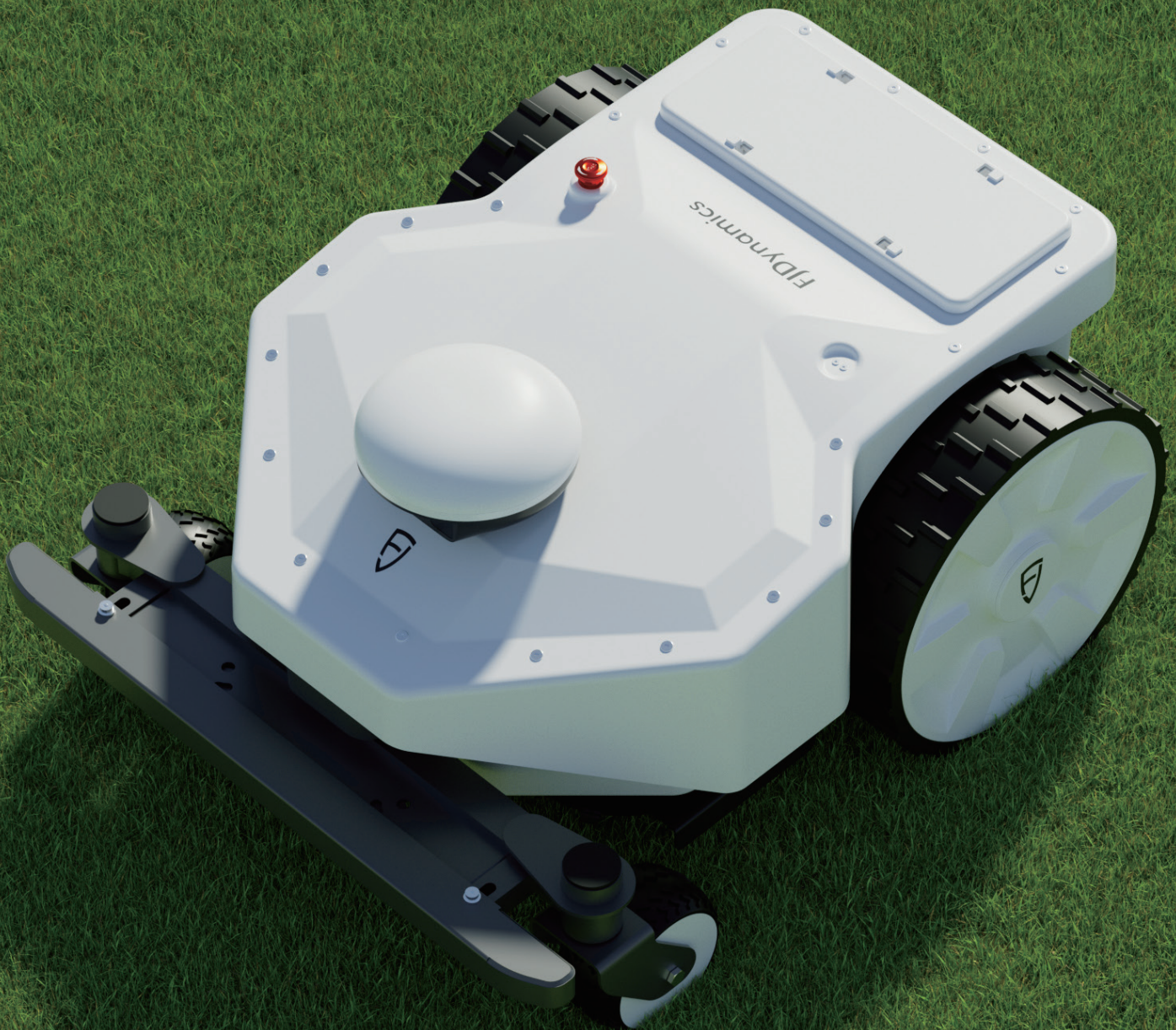


FJD FRX

Robotic Lawn Mower



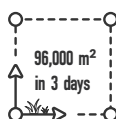
Professional Lawn Management Made Affordable

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.

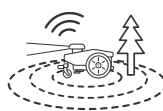
This mowing robot offers two flexible models: FRX Swap (portable charger) and FRX Stationary (auto-charging). Whether you're maintaining sports fields or golf fairways, the FRX lets you focus on perfection while it handles precision.



Adjustable Cutting Height
10–100mm



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



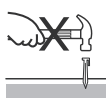
RTK+Vision
Navigation



AI 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.

ZONE A

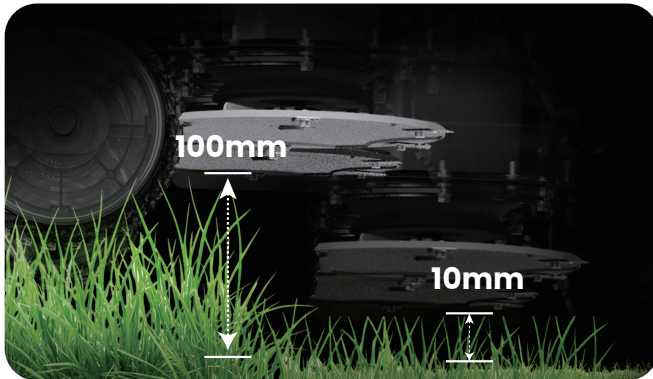


10mm

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.



An aerial photograph of a lush green golf course. A small white robotic mower is visible on a large green, leaving a grid-like pattern of mowed lines. The course is bordered by dense green trees and a winding body of water on the right side. A path winds through the upper left portion of the image.

Fleet Management


Cloud maps control for multi-field, multi-mower operation.

A small white robotic mower is shown on a green, leaving a distinct mowed pattern.

*Up to 96,000m²
in 3 days*

Up to 96,000m² (23.7 Acres) in 3 Days

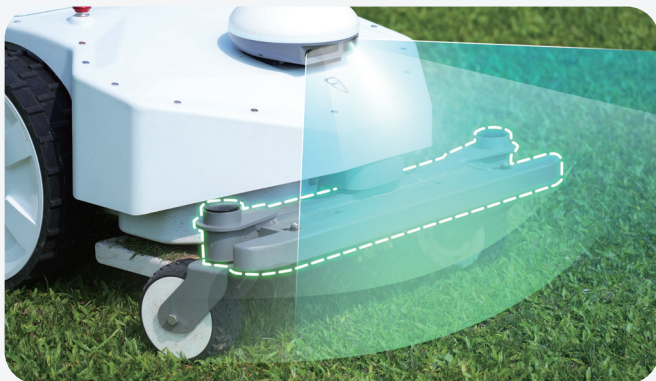
*Calculated based on 24-hour operation.
Actual coverage depends on user working hours.

A robotic mower is shown with a blue circular navigation area around it. A blue arrow points from a tree towards the mower, indicating navigation. The mower is on a green near a sand trap.

RTK + Vision Navigation

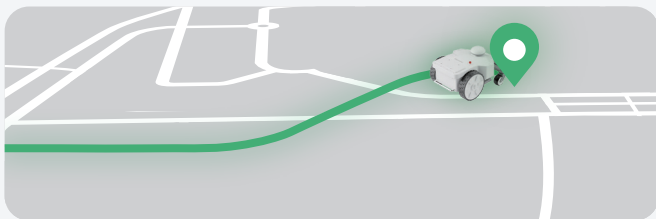
Stable mowing performance even under the tree shades.

SAFETY FIRST & EASY TO USE



Dual Protection, Safety First

Effectively avoid obstacles and ensure safe operation.



GPS Anti-Theft Tracking

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

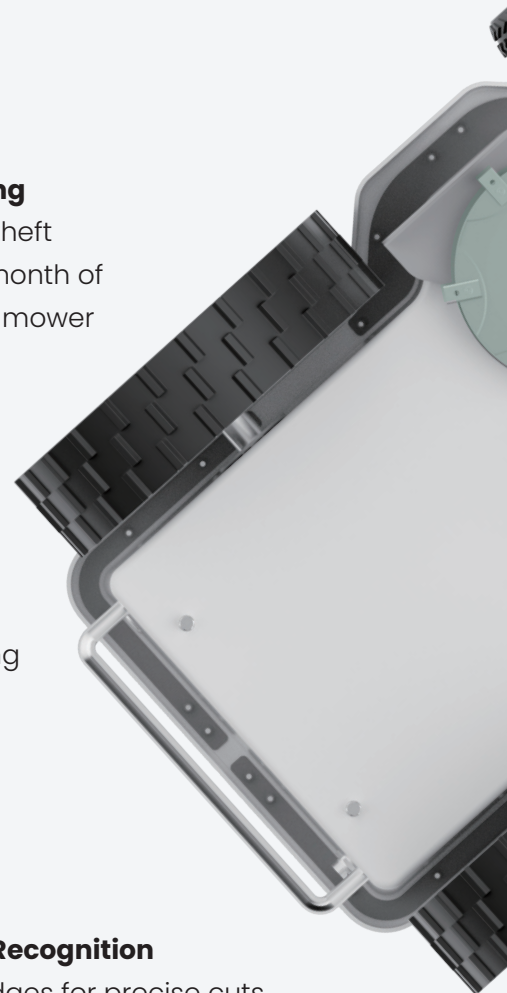
Automatically follow edges for precise cuts, reducing the need for mapping.

*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

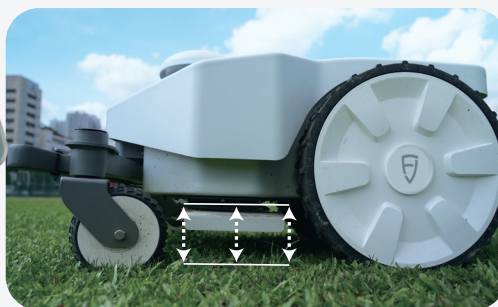
Ultra-Light Chassis for Easy Transportation

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.

Suspension Cutting Disc

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



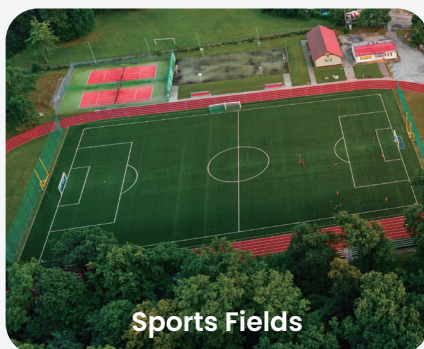
IPX5 Waterproof Design

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

Application Scenarios



Golf Courses



Sports Fields



Public Green Spaces

Specifications



FRX Swap



FRX Stationary

Mowing Capacity

Fast battery swapping mode <small>*Calculated based on 24-hour operation. Actual coverage depends on user working hours.</small>	72h Maximum coverage 96,000m ² (23.7 acres) 24h Maximum coverage 32,000m ² (7.9 acres)	72h Maximum coverage 96,000m ² (23.7 acres) 24h Maximum coverage 32,000m ² (7.9 acres)
Automatic charging mode	–	72h Maximum coverage 60,000m ² (14.8 acres) 24h Maximum coverage 20,000m ² (4.9 acres)
Max mowing area per charge	4000m ² (0.5 kWh) / 8000m ² (1 kWh)	4000m ² (0.5 kWh) / 8000m ² (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	●	○
Auto-charging station	–	●
0.5 kWh battery	●	●
1 kWh battery	○	○
High-strength cutting blade	○	○
Handheld point maker	○	○
FJD base station	○	○
Independent anti-theft module	○	○

*○ Optional / ● Standard / – Unavailable

Free Quote: fjdmower@fjdynamics.com

Address: 15 SCOTTS ROAD #03-12, Singapore

FJDynamics.com



CREATE FOR A BETTER WORLD

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