

Robotic Mower

FRX



Key features

- **Ultra-wide cutting height:** Adjustable from 10–100 mm, suitable for fairways and roughs.
- **Flexible charging:** Fast battery swapping for continuous 24/7 mowing.
- **Quiet night operation:** Keeps the course free during the day.
- **Multi-field management:** Simultaneous mowing of multiple fields with automatic switching.
- **Ultra-light chassis:** Easy handling and transport.
- **IPX5 waterproof:** Reliable in rain and safe for daily washing.

Specifications

FRX Swap

FRX Stationary

Mowing Capacity

Fast battery swapping mode	72h Maximum coverage 96,000 m ² (23.7 acres)	72h Maximum coverage 96,000 m ² (23.7 acres)
(*Calculated based on 24-hour operation. Actual coverage depends on user working hours.)	24h Maximum coverage 32,000 m ² (7.9 acres)	24h Maximum coverage 32,000 m ² (7.9 acres)
Automatic charging mode	/	72h Maximum coverage 60,000 m ² (14.8 acres)
	/	24h Maximum coverage 20,000 m ² (4.9 acres)
Max mowing area per charge	4000m ² (0.5 kWh) / 8000m ² (1 kWh)	4000 m ² (0.5 kWh) / 8000 m 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

(● = included, ○ = optional, / = not available)

FRX Swap

FRX Stationary

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

Position 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	○	○

(● = included, ○ = optional, / = not available)