



FJD Z42P

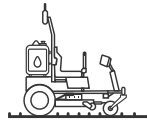
SMART LAWN MOWER

ROBOTIC PRECISION, TURF PERFECTION

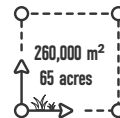
The FJD Z42P is a professional mowing robot designed for golf driving ranges and turf farms, combining efficient mowing and ball picking in one robot. Equipped with advanced navigation technology, it enables precise unmanned mowing and fast ball collection, significantly reducing labor costs and boosting efficiency. Leverage LiDAR technology to ensure smooth operation even in areas with weak RTK signals, such as under trees. The FJD Z42P offers a smart and cost-effective solution for professional turf management, making lawn care easier and more efficient.



Unmanned
Ball-Picking Setup



Extended-Range
Option



Max Mowing Area
(Extended Range):
260,000 m²/65 acres



AI Path Planning



Multi-Field Mowing



Fleet
Management



Auto/Manual Mode
& Remote Control



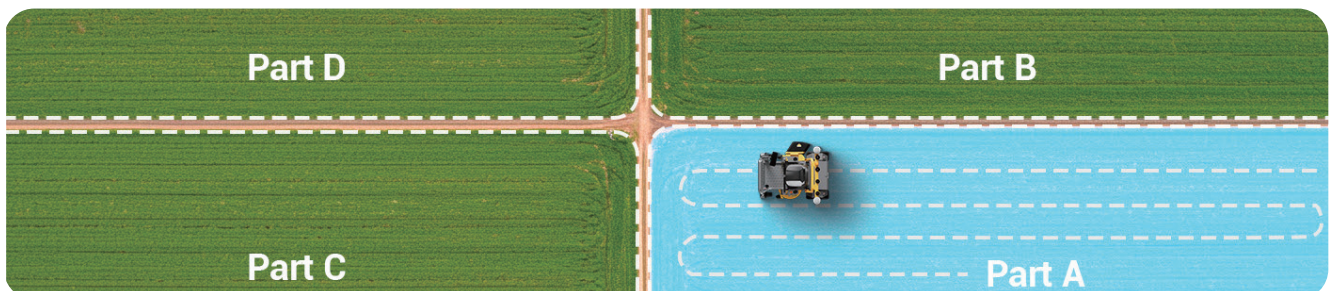
Remote App
Monitoring & Control

EASY-TO-USE SOFTWARE

- AI Path Planning & Path Customization
- Unmanned Mowing in RTK-Challenging Areas



- Multi-Field Mowing



- Auto/Manual Mode & Remote Control Operation



USER-FRIENDLY HARDWARE



- Multi-Functional Chassis with Front and Rear Mounting
- 100% Electric for Zero Emissions
- Quick Battery Swap for 24/7 Operation



- Adjustable Electric Deck
- Manual Brake Release

SAFE AND RELIABLE

- 360° Real-Time Monitoring and Object Avoidance



- Weight-Sensing Seat
- Foot Brake and Stop Switch for Emergency



APPLICATION SCENARIOS



PROFESSIONAL GOLF DRIVING RANGE SOLUTION

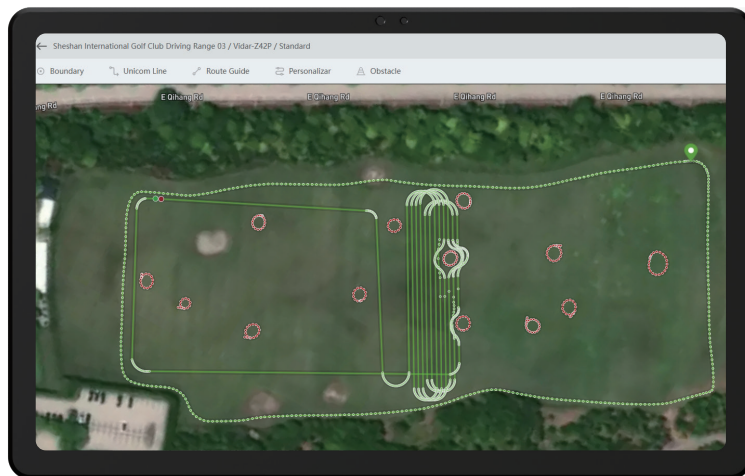
The FJD Z42P offers a professional 2-in-1 mowing and ball-picking solution for golf driving ranges. It supports custom routes, cloud-based mapping, and automatic full-basket detection, making course operations smarter and more efficient.

- One-Stop Golf Ball Collection & Mowing Robot



- Automatic Full-Basket Detection





- Cloud-Based Mapping with Edit Management
- Real-Time App Monitoring and Remote Control

PROFESSIONAL TURF FARM SOLUTION

The FJD Z42P offers a professional mowing solution for turf farms, supporting hybrid configurations and fleet management to ensure long-lasting power and high efficiency, significantly reducing operational costs and making turf maintenance easier.

- **Fleet Management:**
Support multiple units working together



- **Extended Range:**
Cover up to 65 acres in 3 days



SPECS

Weight (Excluding Paint)	738 lb ± 22 lb (335 ± 10 kg)
Dimensions	1635x1305x2273 mm / 64.4x51.4x89.5 in.
Cutting Deck Width	1067 mm/42 in.
Number of Blades	2
Cutting Height	30–127 mm/1.2–5.0 in.
Max Mowing Area (Electric Only)	30 acres/3 days
Max Mowing Area (Extended Range)	65 acres/3 days
Battery Capacity	6 kWh
Battery Life	5h
Charging Time	Standard: 6h;Fast(Optional): 4h
Ground Speed	0–12 km/h / 0–7.46 mph
Max Climbing Capacity	≤20°
Suggested Operating Gradient	≤10°
Max Remote Control Distance	800m
Certifications	CE/FCC/SGS-North America

BALL PICKER (OPTIONAL)

Weight	265 lbs /120 kg
Picking Capacity	1800 balls
Width	2199 mm (With baskets)
Number of Baskets	4
Battery Life	6h
Automatic Full-Basket Recognition	Supported

GASOLINE ENGINE (OPTIONAL)

Gasoline Rating	92#
Gasoline Capacity	6L
Weight	40 kg@full fuel
Noise	≤95 dB
Dimensions	275×180×40 mm
Full-Tank Max Power Capacity	7 kWh
Power Output	AC 220V

Free Quote:
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