



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

Save labor costs
by up to

90%+

Reduce paint consumption
by about

50%+

Work longer

mark **20**
standard soccer fields (11v11)
per full charge

Cover various
sports fields

from soccer, rugby, to baseball



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



LM02 (Only Marking)

RM21+LM01 (Marking+Mowing)

Hardware

Base Station



Blade Disc



Charging Station



Portable Charger



Lithium Battery

1×2kWh

2×2kWh

Feature

Max Marking Time per Full Charge

10h

20h

Mowing



Charging Mode

Manual charge

Automatic charge

Screen Plate Auto-Lifting



Resume Spraying



Auto-locate Starting Point



360° Monitoring



Paint Level Alarm



APPLICATION SCENARIO



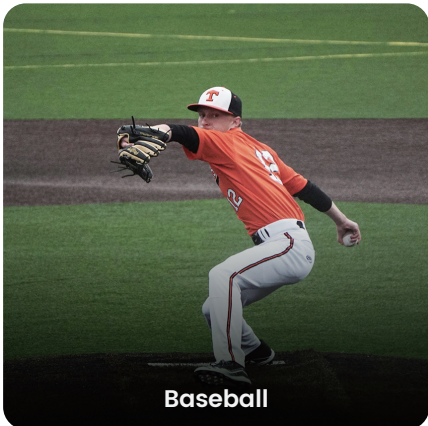
Football



Rugby



American football



Baseball



Lacrosse



Other

SPECS

LM02 Weight (No Blade Disc)	157 kg	Rated Voltage	48 V DC
RM21+LM01 Weight (With Blade Disc)	187 kg	Rated Power	150 W
Speed	2 km/h	Rated Current	3 A
Paint Capacity	25 L	IP Rating	IPX4
Marking Width Range	5-17 cm	Max Marking Time per Full Charge	20 h/10 h
Nozzle Height	3-8 cm	Working Temperature	5-35 °C

*Note: FJDynamics has the final interpretation right on this product.

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