FJDynamics

FJD LM01
LINE MARKER KIT

MAKE LINE MARKING EASIER

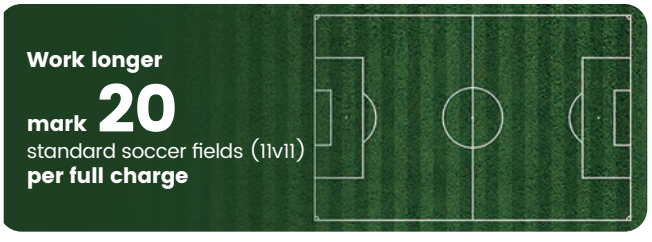
Perfect sports field lines don't happen overnight. It takes high precision marker to make your field the best it can be. The LM01 comes standard with a top-class navigation system that makes precise lines marked in minutes with an ultra-long battery life. With customizable maps and lines, this marking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

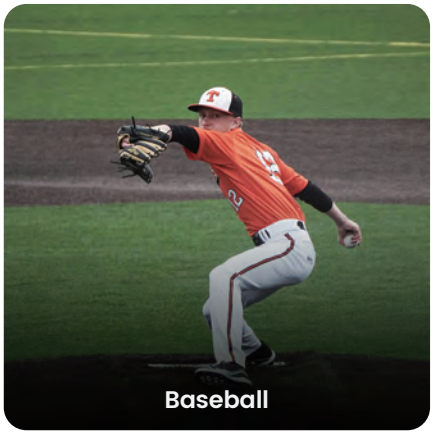
SAFE AND RELIABLE

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

CONFIGURATIONS

	RM21+LM01 (Marking+Mowing)
Hardware	
Base Station	✓
Blade Disc	✓
Charging Station	✓
Portable Charger	✗
Lithium Battery	2×2kWh
Feature	
Max Marking Time per Full Charge	20h
Mowing	✓
Charging Mode	Automatic charge
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

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

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