



# FJD PaintMaster™ Pro

RLM01 ROBOTIC LINE MARKER

# MAKE LINE MARKING EASIER

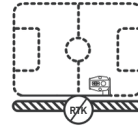
FJD PaintMaster Pro is a truly intelligent line-marking robot for sports fields. It delivers centimeter-level accuracy through two industrial-grade GNSS positioning systems and a local base station. Paired with FJD's laser kit, this robot also offers millimeter-level marking precision even in GPS-challenging areas, like under trees or near stands. With great savings on time and labor costs, this robot is a top solution for any sports fields.



Easy Transportation



Convenient Mapping



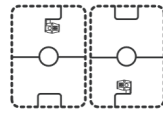
Precise Line Marking Without RTK Signal



Fast Battery Swapping 7x24 Marking



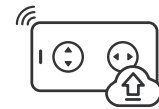
Local Base Station No Precision Fluctuation



Fleet Management



Multi-Field Management



Real-Time App Monitoring & Control

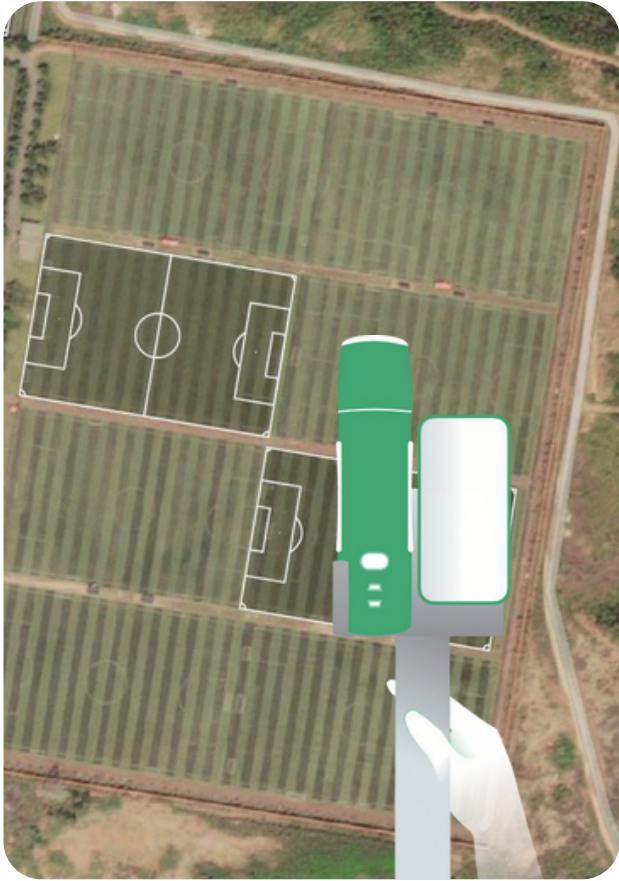
## HIGH PRECISION FROM START TO FINISH

Provide stable signals with a local base station, ensuring that 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.

Support professional NTRIP provided by FJD N10 CORS station.





## CONVENIENT MAPPING

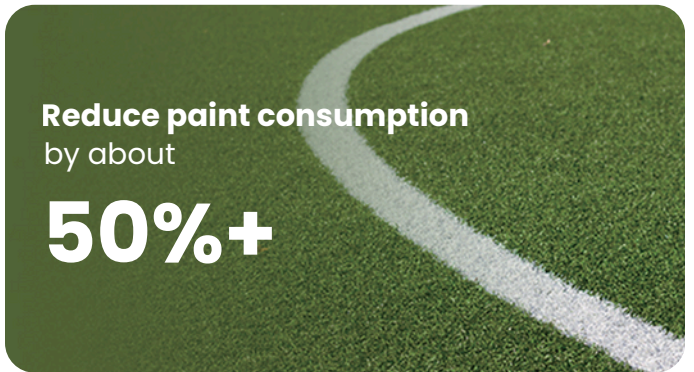
Come standard with a portable handheld point marker, helping you complete mapping in a few minutes without driving a vehicle around the field for boundary confirmation.

- Carry around anytime, anywhere.
- Increase efficiency via multi-field mapping.
- Reduce costs in mapping and transportation.

## SAVE COSTS, INCREASE EFFICIENCY



Save labor costs  
by up to  
**90%+**



Reduce paint consumption  
by about

**50%+**

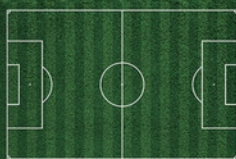


**0.5 kWh: 6** football fields (11v11)

**1 kWh: 12** football fields (11v11)

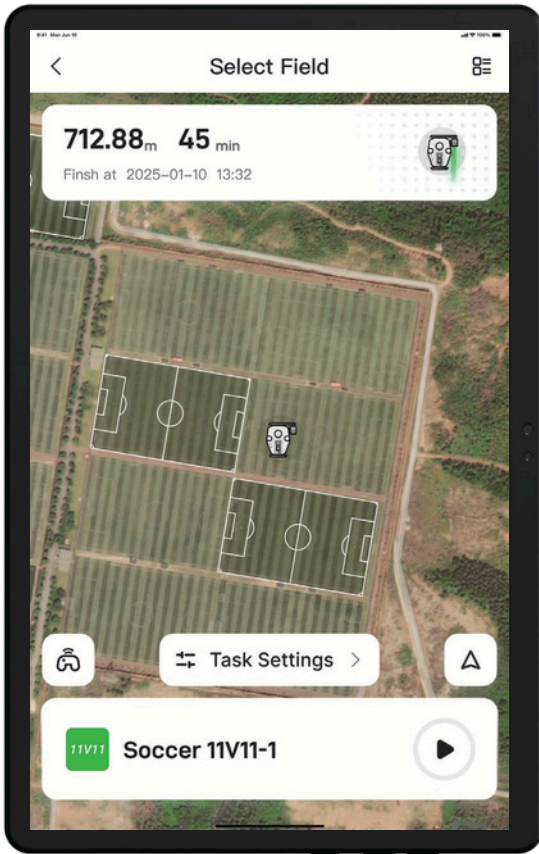
**Fast battery swapping**

**7x24** all-weather marking



Cover various  
sports fields

from soccer, rugby, to baseball



## USER-FRIENDLY SOFTWARE

- Allow for customizing marking maps based on your needs.
- Distribute maps to corresponding devices from the cloud platform.
- Support fleet management for marking with multiple devices at the same time.
- Switch to the next field automatically upon completing the current marking task when you have multiple fields to mark.
- Monitor marking status in real time and control marking operation and image feed remotely from the app without being on the field.



## DESIGNED FOR CONVENIENCE

- Lightweight and portable design for easy transportation.
- Independent paint filling port for fast and convenient paint refills.
- Easy paint bucket change for faster pipeline cleaning.
- Standard tablet for easy control and convenient use.
- Removable structure makes it easy to repair and maintain.



## SAFE AND RELIABLE

Feature dual protection from real-time visual monitoring and front & rear bumper strips, keeping the machine and people safe during operation.



Come with a binocular camera for enabling automatic stop upon object detection during marking, delivering consistent performance even at nighttime.



# APPLICATION SCENARIO



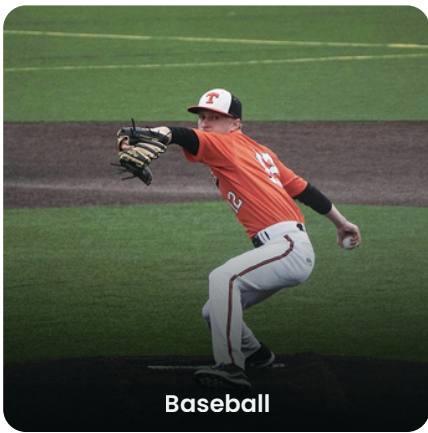
Football



Rugby



American football



Baseball



Lacrosse



Other

## SPECS

Weight(Excluding Paint)	73.4kg	Fast Battery Swapping	Supported
Dimensions	1074×1023×672 mm / 42×40×26 in.	Base Station	Optional
Marking Speed	1–3 km/h	Operation Tablet	Standard
Paint Bucket Capacity	20L	Handheld Point Marker	Standard
Nozzle Above Ground	3–11 cm	Laser Kit	Optional
Marking Width Range	6–17 cm	Battery Life (0.5 kWh Standard Battery)	5h
Standard Battery Capacity	0.5 kWh	Charging Time (0.5 kWh Standard Battery)	2h
Expanded Battery Capacity	1 kWh	Working Temperature	5–45°C

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

**Free Quote:**  
 fjd mower@fjdynamics.com  
**Address:**  
 15SCOTTSDROAD #03-12, Singapore

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