

RLM01 PaintMaster Pro

Robotic Line Marker



The RLM01 PaintMaster Pro is a truly intelligent line-marking robot for athletic fields. It delivers centimeter-level accuracy through two industrial-grade GNSS positioning systems and a local base station. Paired with an optional laser kit, this robot enables millimeter-level marking precision even in GPS-challenging areas, like under trees or near stands. Providing great savings on time and labor costs, this robot is an ideal solution for any athletic field.

Key Features



Easy
Transportation



Convenient
Mapping



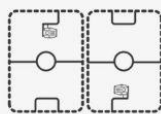
Precise Line Marking
Without RTK Signal



Fast Battery Swapping
7x24 Marking



Local Base Station
No Precision Fluctuation



Fleet
Management



Multi-Field
Management



Real-Time
App Monitoring & Control

Autonomous Precision and Consistency



Highest Possible Marking Accuracy

Provide stable signals with a local base station, ensuring that every line is marked precisely on point. Reduce the risk of signal drift with super stability.



Designed for Convenience

Lightweight and portable design pair with independent paint filling port for ease of use. Handheld point marker helps you complete mapping quickly without driving around the field for boundary confirmation.



Safe and Reliable

Real-time visual monitoring plus front + rear bumper strips maintain safety during operation. A binocular camera enables automatic stop upon object detection, delivering consistent performance even at night.

Product Specifications

Dimensions	42.3" X 40.3" X 26.5"
Weight (without paint)	162 lb
Marking Speed	0.6 - 1.9 mph
Paint Bucket Capacity	5 gal (expandable to 7 gal)
Nozzle Above Ground	1.2 - 4.3"
Marking Width Range	2.4 - 6.7"
Max Operation Area Per Charge	3.2 acres
Standard Battery Capacity	0.5 kWh
Expanded Battery Capacity	1 kWh
Battery Life (0.5 kWh Standard Battery)	5 h
Charging Time (0.5 kWh Standard Battery)	2 h

Contact us



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