



FJDynamics

FJD PaintMaster Ultra

Robotic Line Marker

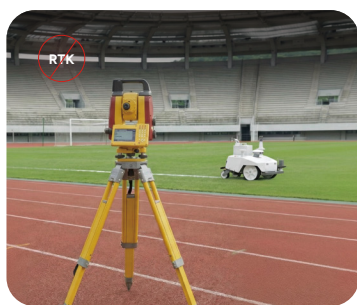


Precision Anywhere. Perfection Everywhere.

Designed for elite sports venues, the PaintMaster Ultra is a high-precision line-marking robot powered by total station laser tracking. It delivers consistent millimetre-level accuracy, even in areas with limited RTK signals, making line marking standardised, digital and repeatable.



FULL-SCENARIO COVERAGE



Total Station

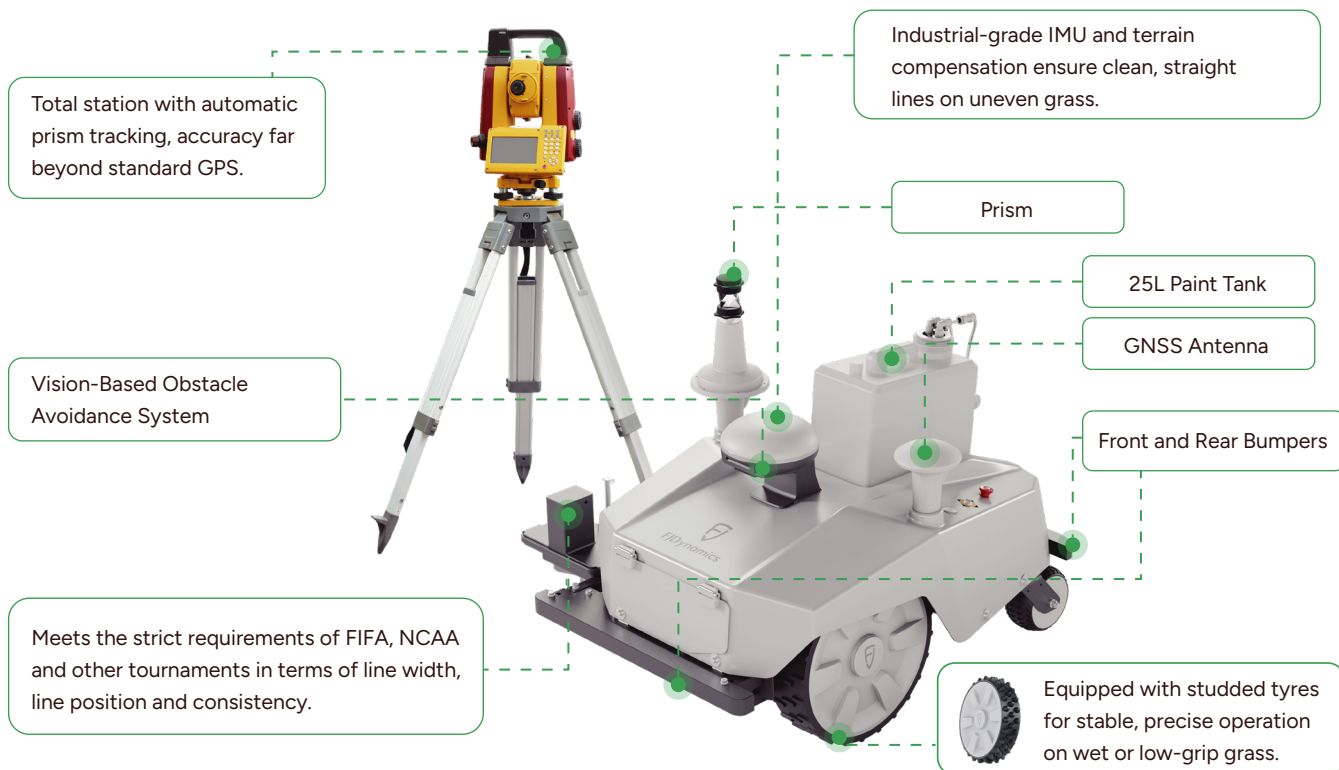
Millimetre-level accuracy. Ideal for GPS-challenged environments, including areas near trees, buildings, grandstands, or indoor stadiums.



RTK Navigation

RTK centimeter-level accuracy is ideal for open environments with clear, unobstructed signals.

MILLIMETER-GRADE PRECISION

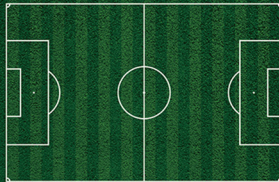


EFFICIENCY REDEFINED

Reduce Paint Use by

50%⁺

One standard
11v11 Field in **30** Mins



Reduce Labor Costs by

90%⁺



Template Reuse. One-Tap Start.

Built-in global competition templates with real-time path editing and reusable historical parameters—no repeated measurements, no human error.



All-day operation

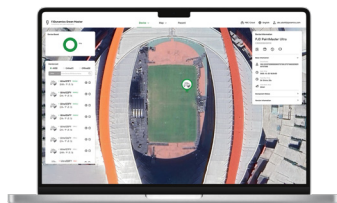
Supports quick battery swapping for continuous day-and-night operation and efficient pre-event line marking.



SMART DIGITAL MANAGEMENT

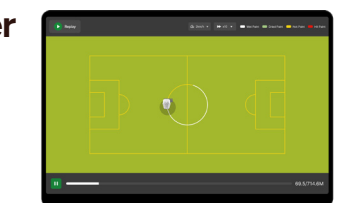
FJD GreenMaster

Cloud-based management for multiple devices and sites, with full visibility into tasks, history and paint usage.

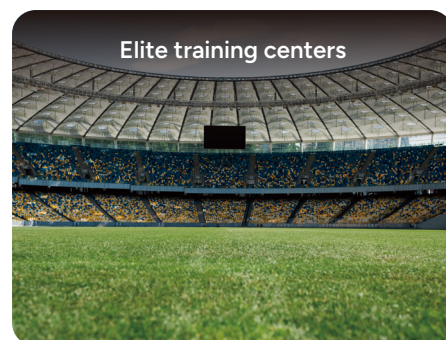


FJD PaintMaster Simulator

Preview marking paths in advance to avoid mistakes and work more efficiently.



I APPLICATIONS



SPECIFICATIONS

Dimensions	1074×1023×672mm / 42.3×40.3×26.5 in.
Weight	75 kg / 165 lbs
Operating Temperature	5-45°C
IP Rating	IPX3
Line Width Adjustment Range	6-17 cm / 2.4-6.7 in.
Line Marking Speed	1-3 km/h
Paint Tank Capacity	25L / 6.6 gal (US)
Battery Voltage	48 V
Battery Capacity	1 kWh
Operating Time	8h
Charging Time	5h
Quick-Swap Battery	●
Positioning System	Total station & GNSS
Operation Tablet	●
Connectivity	4G & Bluetooth & Wireless Connectivity

*○ Optional / ● Standard / – Unavailable



FJDynamics.com



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