



KIT FOR THE FJD ROUGH RANGER

FJD LM03 LINE MARKER KIT

Perfect lines in less time, with less paint. The LM03 turns the Rough Ranger into an autonomous line-marking robot that maps fields, paints and resumes tasks.

Line width: 50-170 mm

Paint tank: 25 L

Up to 20 h marking

Speed: 3 km/h

Less input, **more lines.**

With the LM03 the Rough Ranger becomes a line-marking robot for sports fields. The field is mapped once, after which you start the marking with a single tap. The machine follows the plan with RTK precision, resumes exactly where it stopped and wastes no paint on overlap.

50%+

less paint than manual marking

90%

lower labour cost (up to)

20

full-size football pitches per charge

25 L

paint tank

What the machine does

- ✓ Surveying fields with the V4e Pro
- ✓ Marking lines with one tap
- ✓ Resuming after a refill
- ✓ Standard pitches and your own logos

Ideal for

Football clubs

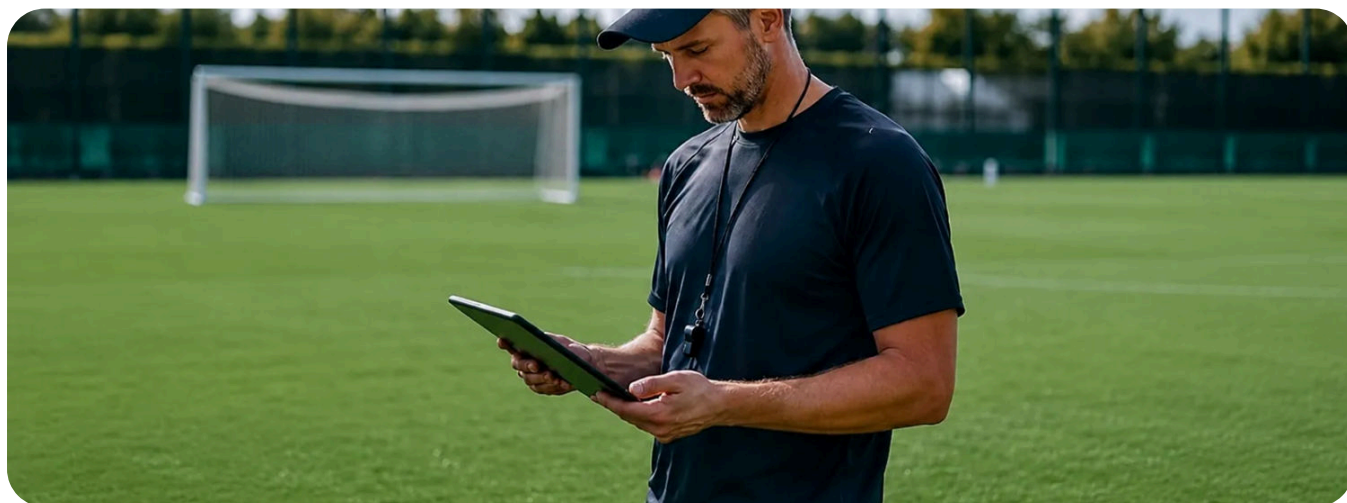
Hockey clubs

Schools & universities

Municipalities

Taken care of, from Belgium

- ✓ Free field audit and ROI calculation
- ✓ Installation, training and service from Belgium
- ✓ Purchase or lease



FEATURES

Built for the field.



FEATURE 01

1

TAP TO START

One tap, fully autonomous

For daily marking tasks you start the whole workflow with one tap on the tablet. No manual intervention needed.

FEATURE 02

0

OVERLAP WHEN RESUMING

Seamless resume

Switching fields or pausing to refill paint? The robot resumes exactly where it stopped, without overlap and without wasted paint.



FEATURE 03

5+

SPORTS AS STANDARD

Patterns for every sport

Supports patterns for football, rugby, baseball, American football, lacrosse and more, as well as custom field logos.



The specifications.

MAX. MARKING SPEED	3 km/h
LINE WIDTH	50-170 mm
NOZZLE HEIGHT	30-120 mm
PAINT TANK	25 L
MAX. MARKING TIME PER CHARGE	20 h
WEIGHT (EXCLUDING PAINT)	32 kg
DIMENSIONS	700 × 600 × 650 mm
IP RATING	IPX4
OPERATING TEMPERATURE	5-35 °C
RATED POWER	150 W

Specifications of the underlying robot platform. Coverage and runtime are values under standard test conditions; actual results depend on terrain, turf and weather. Subject to change.



Smart, safe and **autonomous**.

All machines work with a digital map of your grounds, accurate positioning and an app or tablet with which you manage zones and tasks yourself.

Positioning

RTK + LiDAR via the FJD Rough Ranger

This keeps the machine precisely on its planned path, run after run.

Digital map

The site is measured or scanned once, after which the machine works from that map.

App and follow-up

Start tasks and follow progress in the app or on the tablet.

Electric

Fully electric, with no emissions on site.

Service from Belgium

Installation, training and maintenance by VerdaMachina.

Free field audit

Honest advice on the right model, on your own grounds.

FROM SCAN TO RESULT

01

Scan

Site mapped

02

Zones

Boundaries and no-go zones

03

Plan

Tasks and times

04

Autonomous

The machine works

05

Report

Result per run

SERVICE & NEXT STEP

One Belgian **point of contact.**

Essential

Response within 24 hours · 1× preventive maintenance per year · remote updates

Assured

Response within 24 hours · technician next business day · 2× preventive maintenance

Carefree

Response within 24 hours · 4× preventive maintenance · wear parts included

01

Free field audit

We look at your grounds and calculate your payback period.

02

Demo or pilot

The machine at work, live, on your own field.

03

Installation & service

Scanning, training and support from Belgium.



See the FJD LM03 Line Marker Kit on your own field.

Book a free demo at verdamachina.be/demo or contact us directly.

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Scan to book a demo