



ROBOTIC REEL MOWER

FJD RCM01

An autonomous robotic reel mower for golf fairways and premium turf. Reel cutting, RTK + LiDAR navigation, multi-zone operation and adjustable striping for tournament-grade surfaces.

Cutting height: 7-44 mm

Cutting width: 686 mm

Up to 30,000 m²/charge

Battery: 8 kWh

A reel mower for the fairway.

The RCM01 mows with a reel: a clean, scissor-like cut that tears the leaf less and encourages healthier growth. Adjustable striping and mowing angle give the course a professional look, while one supervisor manages several mowers remotely.

30,000 m²

per charge

48,000 m²

maximum per 24 hours

7 mm

minimum cutting height

10 h

runtime per charge

What the machine does

- ✓ Cylinder mowing of fairways and premium turf
- ✓ Adjustable mowing stripes and mowing angle
- ✓ Multi-zone tasks
- ✓ Managing several mowers remotely

Ideal for

Golf courses

Football clubs

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

8

BLADES PER REEL

Precision cut with a reel

A clean, scissor-like cut with an 8-blade reel, for less leaf tearing and healthier turf growth.

FEATURE 02

686 mm

CUTTING WIDTH

Professional mowing stripes

Crisp, high-contrast stripes thanks to the roller behind the reel. Set the width and the mowing angle to match the style of your course.



FEATURE 03

7-44 mm

CUTTING HEIGHT

Floating cutting head

The reel automatically follows the natural contours of the turf, for an even cut without scalping.

The specifications.

MAX. PER 24 HOURS	48,000 m²
MAX. PER 72 HOURS	144,000 m²
MAX. PER HOUR	3,000 m²
MAX. PER CHARGE	30,000 m²
MAX. CLIMBING ABILITY	20°
MAX. MOWING SLOPE	15°
BOUNDARY	Virtual wire
CUTTING MODE	Adjustable mowing angle
CUTTING HEIGHT	7-44 mm
CUTTING WIDTH	686 mm
WEIGHT OF REEL UNIT	65 kg
REEL SPEED	300-2,200 rpm

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

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 RCM01 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