

# Robomatic Marvin

## More than a Robot



Made in  
Switzerland.

TWO IN  
HYBRID ONE

wetrok®

A robotic floor cleaner, partially visible on the right side of the frame, is emitting a dense grid of colorful laser lines (blue, green, yellow, orange, red, pink, purple) that fill the dark room. The lines create a 3D grid structure, illustrating the robot's navigation and mapping capabilities. The robot has a blue and black body with a white light on the front. The background is dark, making the vibrant laser lines stand out.

## Reasons for choosing Robomatic Marvin:

- Can be used either as an autonomous robot or as a classic cleaning machine
- Follows exactly the tracks specified by the cleaning staff
- Compact and manoeuvrable, so it fits through very narrow gaps
- Added safety and security thanks to obstacle detection and data integrity
- Lower costs thanks to its efficiency, long service life and digital service
- Pays off from as little as 7.5 hours or 5,000 square metres per week

**Why this cleaning  
robot can do more:  
it reaches its goals.**



# Two machines in one: manual and autonomous function cleverly combined.



Switch between manual  
and autonomous mode in  
one simple step



User-friendly, intuitive  
and efficient



Versatile: suitable for use on  
multiple surfaces and areas

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**The Robomatic Marvin is both:** a tried-and-tested scrubber-dryer and a fully fledged cleaning robot. As always with a Wetrok product, the Robomatic Marvin has been fully thought through to the end. The result: high-end technology in a compact design offering far more than a conventional robot. Cleaners can use it as required, either autonomously, as a stand-alone cleaning robot, or manually operated.

**The best of both worlds:** its compact dimensions make it outstandingly flexible for work on a wide range of surfaces that require cleaning. Nobody needs to adjust to Robomatic Marvin, as it adjusts to every situation. Uncompromisingly practical: after all, it was developed based on Wetrok's best-selling and award-winning scrubber-dryer Discomatic Mambo that cleaning professionals have relied on for many years.

manual mode

autonomous mode

**TWO** IN  
HYBRID **ONE**



# Robotics that anyone can operate: because a complicated machine simply doesn't do.

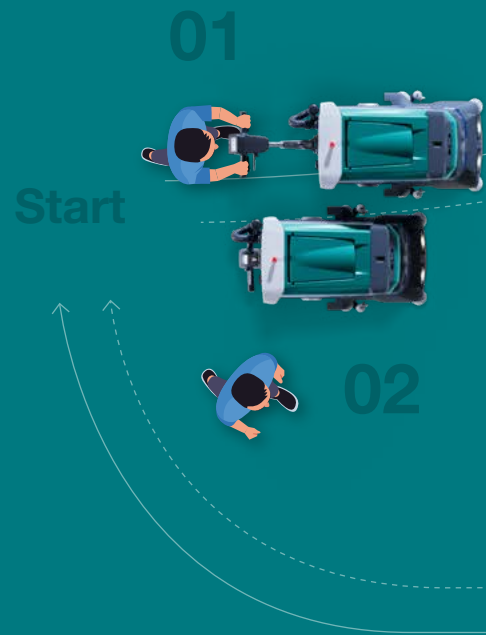
## 01 TEACH

Turn on the machine and go over the floor surface manually the first time. The machine saves the process. Once the teach path has been completed, the machine is returned to the starting point.

## 02 ..... REPEAT

After the teach process, each cleaning procedure starts at the selected starting point: autonomously from now on.

         Teach  
..... Repeat



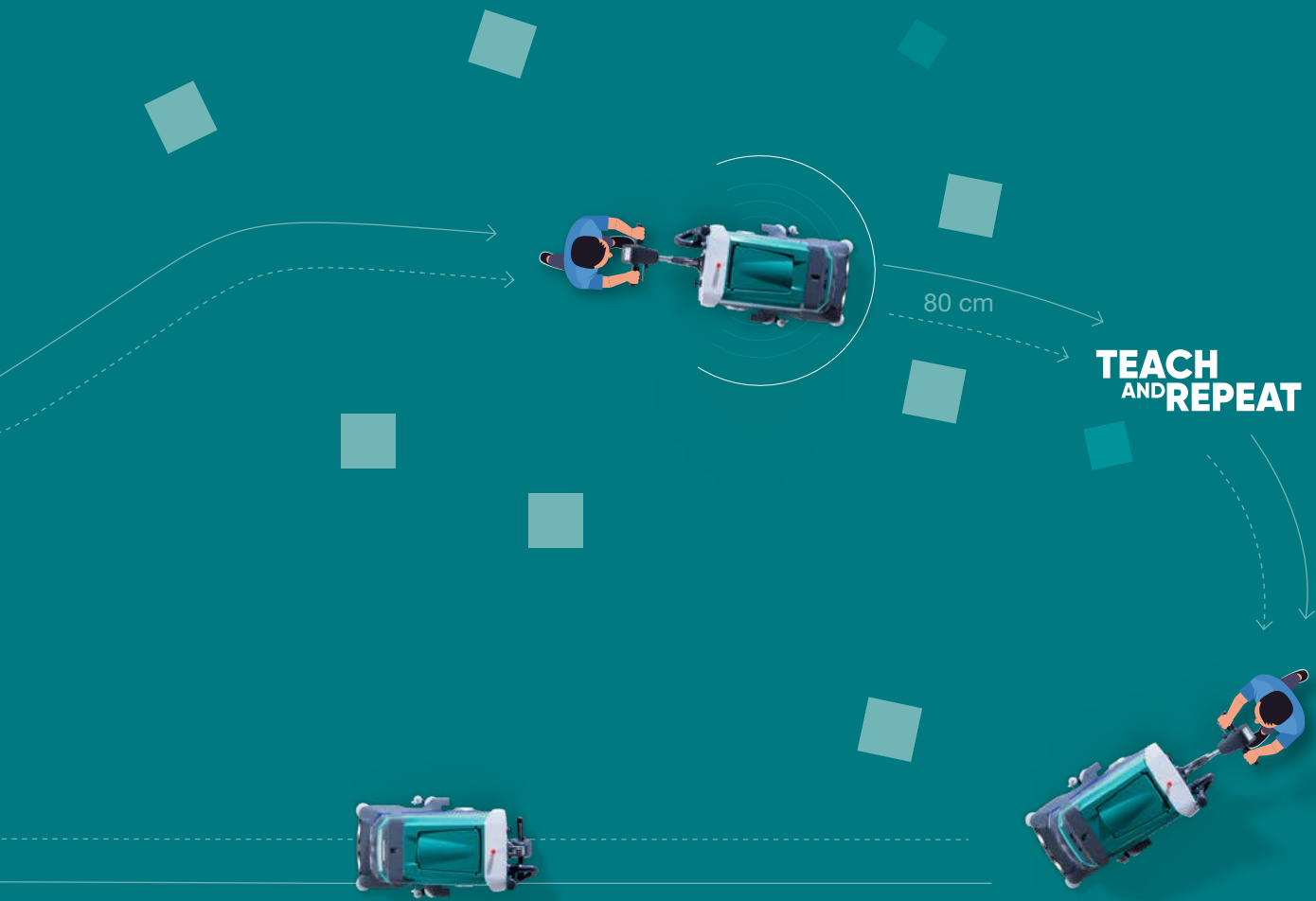
### **Everybody can operate the Robomatic Marvin.**

No programming skills are required here, unlike in the case of so many other fully autonomous robotic solutions. This is made possible by the teach & repeat principle:

The cleaner starts the teaching process so that the Wetrok machine will be able to work on its own. The cleaner moves the robot over the floor area to be cleaned. The machine saves the route: "teach". From now on, the robot will carry out the stored cleaning process autonomously: "repeat".

### **Teach & repeat – scalable benefits.**

The innovative approach is applicable for all kinds of floor surfaces throughout the entire building – with just one teach process per area. Thanks to its compact design and manoeuvrability, the Robomatic Marvin can even pass through narrow doorways and reach into nooks and crannies.



**Autonomous cleaning  
without programming skills**



**User-friendly, adaptive  
and independent**



**Intuitive operation for  
efficient cleaning**

**TEACH  
AND  
REPEAT**

# Digital intelligence thought through to the end: for greater safety and reliability

## 01 Data protection is a top priority.

At Wetrok, customers determine how much data is stored. Marvin processes the information in accordance with the customers' wishes. The options are:

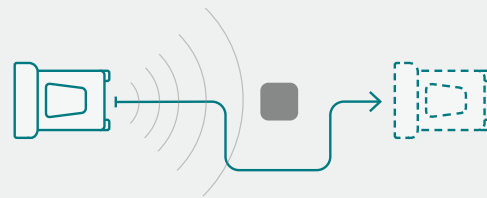
- **Default Mode** – statistical data is stored on the server, advanced data is only stored locally on the machine
- **Elevated Mode** – advanced data is stored on the server after approval was granted
- **Full Mode** – automatic storage of all data on the server

All data that is stored is encrypted and stored in Switzerland in line with data protection regulations. No data is stored on any unknown servers.

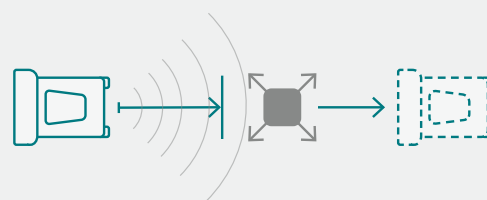
## 02 Autonomous technology must be safe.

Robomatic Marvin ensures the highest safety standards for people and property. The robot moves safely and reliably through all spaces using smart sensor technology and the latest safety elements. This means it avoids obstacles on its own and looks for alternative routes. Uncompromised cleaning performance, all while ensuring the highest level of safety.

### handling stationary obstacles



### handling moving obstacles



**Safely encrypted data stored on Swiss servers**



**Goes around obstacles safely**



**Image data stored locally on the machine**







# Redefining team work: success thanks to smart cooperation.

## **01** Disburdening and supporting the team.

Floor cleaning takes a lot of time. The Robomatic Marvin helps by allowing for other cleaning work to be carried out at the same time. While the robot is taking care of floor cleaning, the cleaning professionals can take care of more complex tasks: this is what contemporary division of labour looks like!

## **02** Improving staff satisfaction levels.

Floor cleaning is repetitive, monotonous and ties up a lot of personnel resources. The Robomatic Marvin can take care of this tedious job. As a result, the staff has time for more interesting work: this is what contemporary job enrichment looks like!

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**Improving staff satisfaction levels**

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**Compensating for personnel shortages systematically**

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**Making work significantly more productive**

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## **03** Responding to labour shortages.

Smart cleaning robots can compensate for labour shortages and seasonal peaks, thanks to their ready availability and consistent quality. The Robomatic Marvin helps you to prepare for demographic change in the labour market: this is what contemporary planning reliability looks like!

## **04** Increasing cost-effectiveness.

Being able to carry out cleaning tasks simultaneously saves time. And money, too! The level of productivity is increased, thanks to the Robomatic Marvin. A robot as a new team member: this is what contemporary efficiency looks like!

# A Swiss tradition: thinking of the future as a view

# 75 years of experience



Close contact to customers  
thanks to direct sales



Know-how gained in decades  
of development work



75 years of consistent  
production in Switzerland

A scenic landscape of a mountain valley. In the foreground, a calm river reflects the sky and the surrounding mountains. The middle ground shows a grassy, rocky slope leading up to a range of mountains in the background. The sky is a clear, pale blue, suggesting a bright day. The overall mood is peaceful and natural.

## Made in Switzerland.

**Cleaning as a core skill:** For 75 years, Wetrok has been a full-service provider of innovative professional cleaning solutions. More than 100,000 customers in over 40 countries trust in Wetrok's products and services.

**Innovation made in Switzerland:** The cleaning robot Marvin was developed entirely in Switzerland in line with an uncompromising commitment to high quality. The truly Swiss robot was developed based on Wetrok's

75 years' worth of cleaning expertise and with external support from the ETH spin-off Sevensesense.

**Close to customers:** Close contact with customers allows for their requirements and market trends to be identified in a timely manner. In its on-site research and development department, Wetrok develops easy to operate, high-quality product solutions in very short time spans.



wetrok®

Marvin

# Technology and service: Wetrok quality guaranteed.

## 01 Commitment to quality that pays off.

Comprehensive cleaning know-how does not come from nothing. Wetrok has consistently worked towards obtaining it for the past 75 years. The result: robust and durable innovations, such as the Robomatic Marvin that was developed and manufactured in Switzerland. A consideration of the costs for the robot across its entire life cycle (rather than just the acquisition costs) shows that the Robomatic Marvin is an unparalleled performance package for reducing your long-term expenses.

## 02 Full control thanks to Wetrok Connect.

The robot is equipped with the Wetrok Connect fleet management system. Software updates to ensure reliable operation are performed “over the air” (i.e. without a service visit) and are even free of charge for the first five years.

Only optional updates for enhancing the robot’s performance are charged separately. Wetrok Connect allows the system to perform transparent reporting at all times: where the robot is working and how it is performing.

## 03 Comprehensive service network guaranteed.

Before commissioning, we provide support through personal training sessions and we make sure that the Robomatic Marvin operates safely and optimally from day one. Our competent and responsive service network is here to help when needed. Our field service technicians will be with you quickly to perform diagnosis, maintenance and repair work. Downtimes are minimised as a result.



**Over-the-air updates  
without any servicing effort**



**Comprehensive service  
network for quick help**



**Full control thanks to  
Wetrok Connect**

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# A worthwhile investment: robotics at a manageable price.

## **01** Transparent cost calculation is key.

If you are familiar with Wetrok, you will know that we are dedicated to ensuring transparency in cost calculation. When you buy the robot, the full set is delivered to you from the factory. It includes not only the cleaning machine, but also the Wetrok Care Package 4+.

**02** Flexible financing options for your **Robomatic Marvin**. Wetrok offers a range of tailor-made financing solutions: one-time payment, instalment payments, rent or leasing.

## **Wetrok Care Package 4+**

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Free instruction and user training

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Software updates for 5 years

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5 years battery warranty

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Wetrok Connect (fleet management)

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**Manageable and attractive total cost of ownership**

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**Planning reliability for your company's development**

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# The advantages at a glance: uncompromising performance.



**3 hours**



Battery life  
in eco mode

**1,400 m<sup>2</sup>/h**



Theoretical  
area performance

**36 l**



Tank for fresh /  
dirty water



**Made in  
Switzerland.**

**TWO<sub>IN</sub>  
HYBRID ONE**

**TEACH  
AND REPEAT**



**2-in-1 package:** Works as a classic scrubber-dryer in manual mode and autonomously as a self-operating cleaning robot.



**Compact design:**

The Robomatic Marvin does not only handle large areas, it can also manoeuvre through narrow doorways, corridors and around areas full of nooks and crannies.



**Teach & repeat:** The desired route is covered once in manual mode, before the Robomatic Marvin takes over the job.



**Utmost data security:** Data protection is our top priority. At Wetrok, customers can choose, what is stored.



**Smart safety:** The sensor system detects any obstacles, whether stationary or moving. The robot goes around these safely and determines alternative routes.



**Over-the-air updates:** The technology is always up to date, thanks to over-the-air updates, so that the number of on-site service visits can be minimised.



**Service network:** Our network of service technicians provides support in all matters. Our technicians can be with you very quickly, if needed.



**Made in Switzerland:** The entire development process for the robot took place in Switzerland, based on Wetrok's 75 years' worth of cleaning expertise and with external support from the ETH spin-off Sevensesense.

# Specifications & features

Brush motor output	2 × 100 W
Working width brushing	430 mm
Brush contact pressure	42 kg / 0.65 N/cm <sup>2</sup>
Brush speed	200 rpm
Working width vacuuming	550 mm
Tank for fresh/dirty water	36 l / 36 l
Cleaning product tank	2 l
Theoretical area performance	up to 1,400 m <sup>2</sup> /h in autonomous mode
Area performance per tankful	up to 1,520 m <sup>2</sup>
Battery type	Lithium iron phosphate LiFePO <sub>4</sub>
Battery life	up to 3.0 h in eco mode
Battery charging time	up to 11 h
Speed in autonomous mode	up to 3.3 km/h
Gradeability	up to 8%
Clearance width in autonomous mode in corridors	min. 100 cm
Clearance width in autonomous mode for doorways	min. 80 cm
Empty weight	99 kg incl. battery
Weight	138 kg (ready for operation)
Dimensions	(L × W × H) 1,050 × 605 × 850 mm

## Features

Integrated charger, magnetic suction nozzle, scrubbing brushes

## Meet Marvin in real life:



### Ready for Robomatic Marvin?

Visit our dedicated robotics page and make an appointment for a consultation or a product presentation on your premises with just a few clicks.

[robomatic-marvin.com](https://robomatic-marvin.com)

Our customer advisers are also happy to provide advice on the phone:

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Autonomy by  
 **sevensense**

**wetrok**<sup>®</sup>