



MR



**Higher performance, with improved efficiency,
made more affordable**

HIGHER PERFORMANCE!

HIGHER PERFORMANCE!

Improved performance compared to the previous model

CENTRAL CONTROL PANEL

The new MR dashboard is designed to provide ease of use, ergonomics and safety. All controls are grouped around the steering wheel and can therefore be activated with minimal movement, avoiding distractions.



HIGHER PERFORMANCE!



CENTRAL CONTROL PANEL

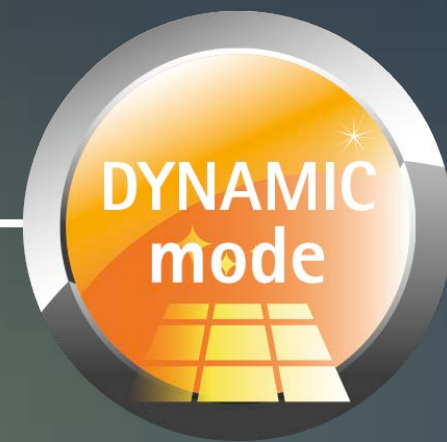
Just to the left is the paddle for activating the preset programs. For easier management, MR offers three cleaning programs, each with different parameters, enabling immediate and straightforward start-up by simply activating the mode that best suits the type of cleaning to be performed.



SUSTAINABLE
CLEANING

1. ECO MODE

For light maintenance cleaning, where you can use less resources and work with a low noise level



FAST
CLEANING

2. DYNAMIC MODE

For routine cleaning where greater productivity is required, it allows tasks to be done quickly



INCREASED
CLEANING POWER

3. POWER MODE

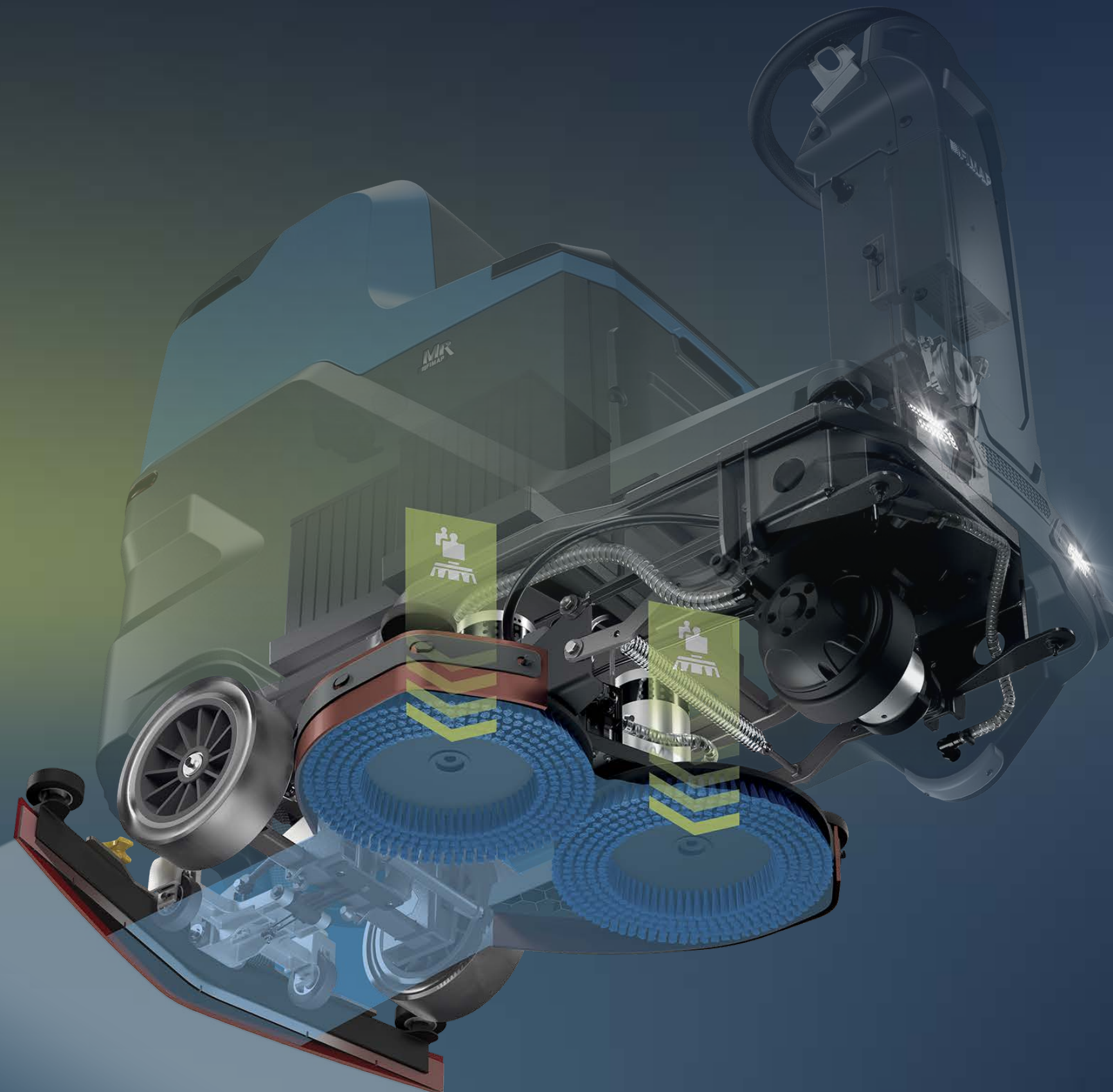
To achieve maximum power when dirt is particularly stubborn



HIGHER PERFORMANCE!



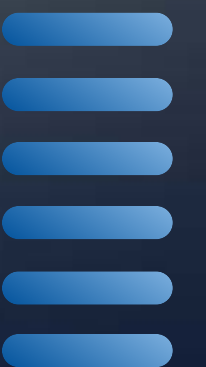
THE ESSENTIALS THAT PUT PERFORMANCE FIRST



The design focused on what really matters: delivering cleaning power that boosts productivity, as it is effective on the first pass, without wasting time. The three-level adjustable pressure lets you tackle any dirt condition successfully.

Adjustable brush pressure up to **60** kg

Brush rpm **240**



RAMP UP



can climb trailer ramps
with slopes up to

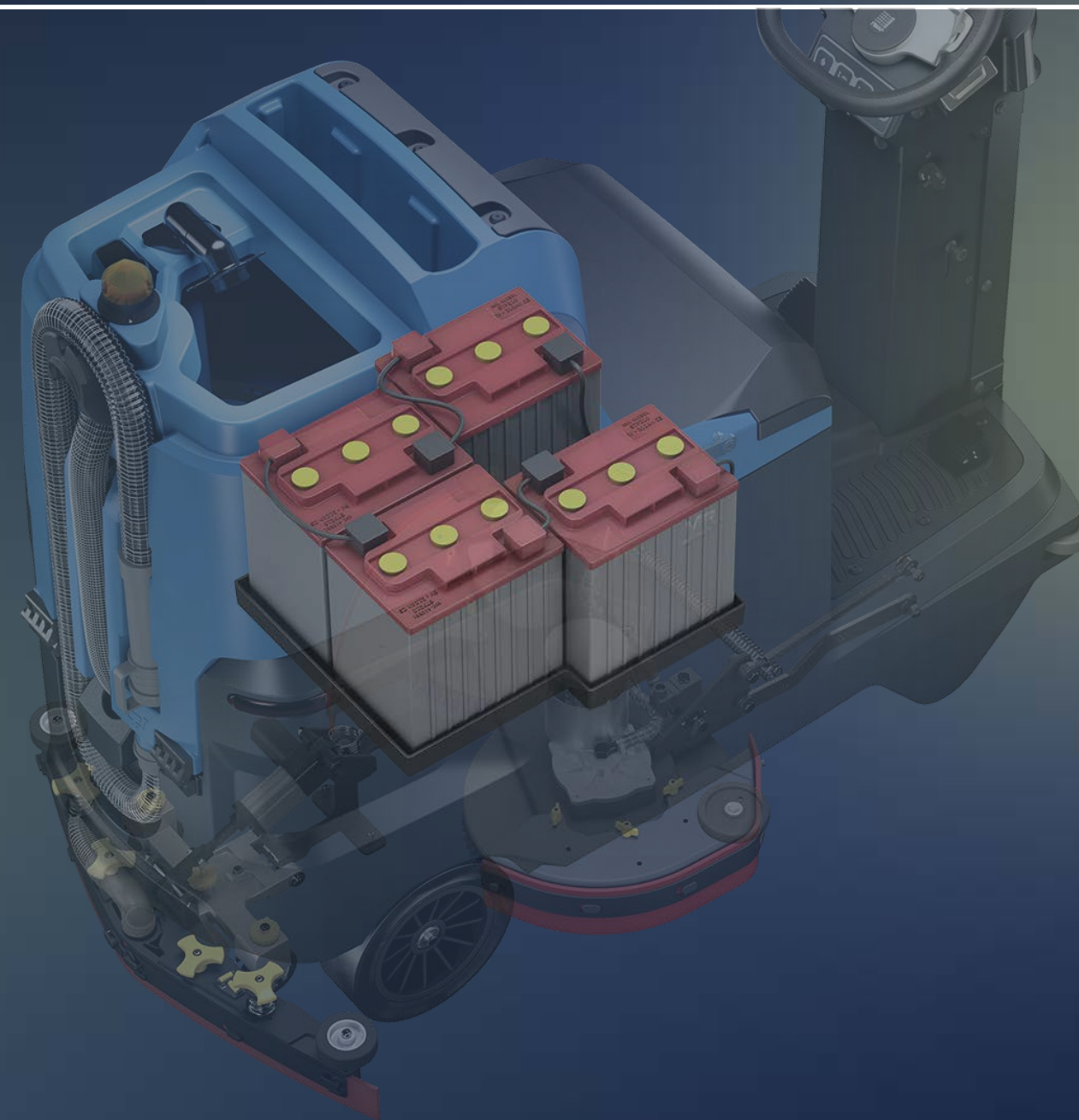
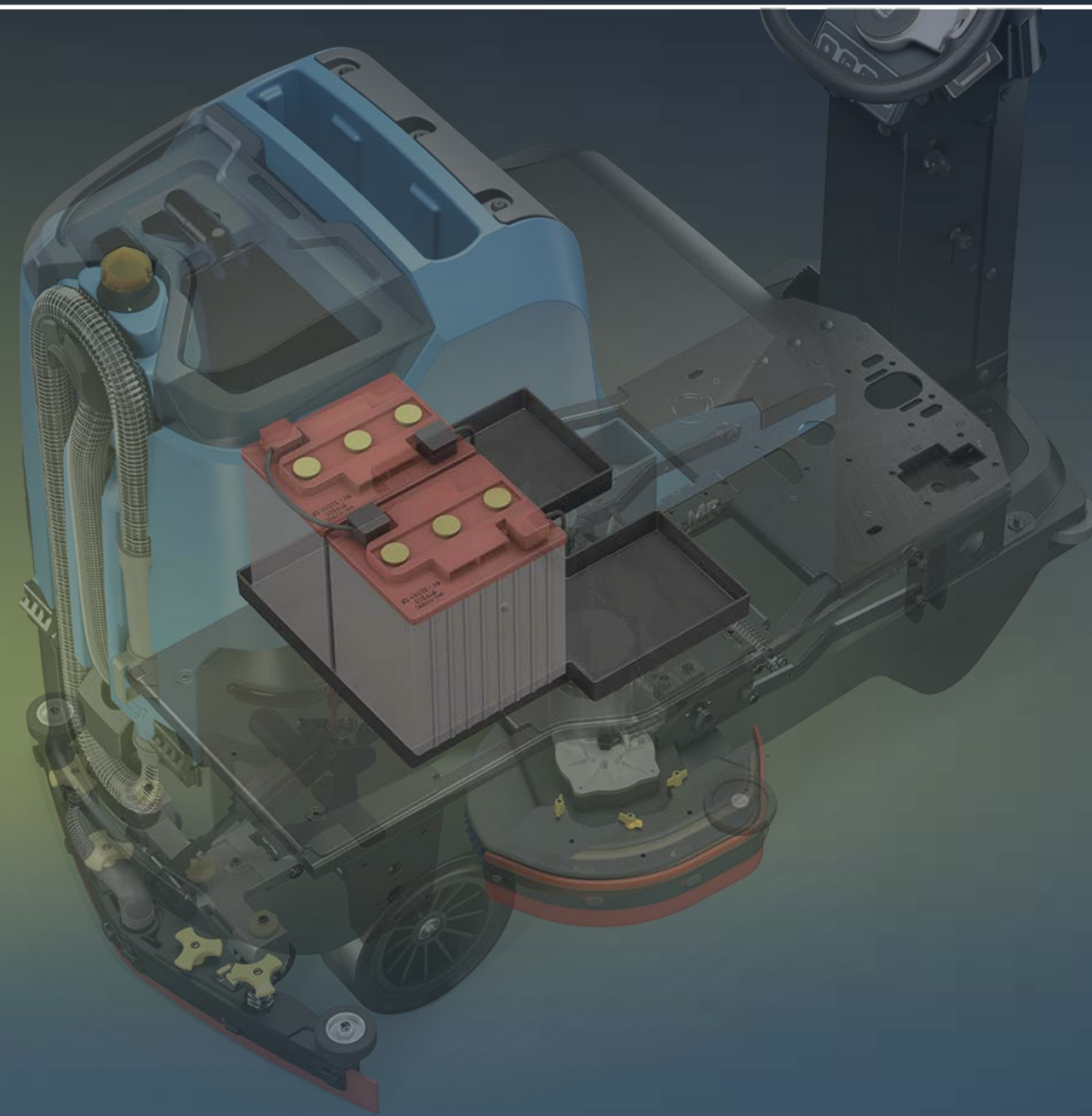
20 %*

* Trailer ramp empty

HIGHER PERFORMANCE!



RUN TIME



FLR-FIMAP LONG RANGE

Productivity is increased by
up to **70%**.

Up to **2** hours*

With 2 batteries of 12V

Up to **4** hours*

With 4 batteries of 6V

* In Eco Mode

HIGHER PERFORMANCE!



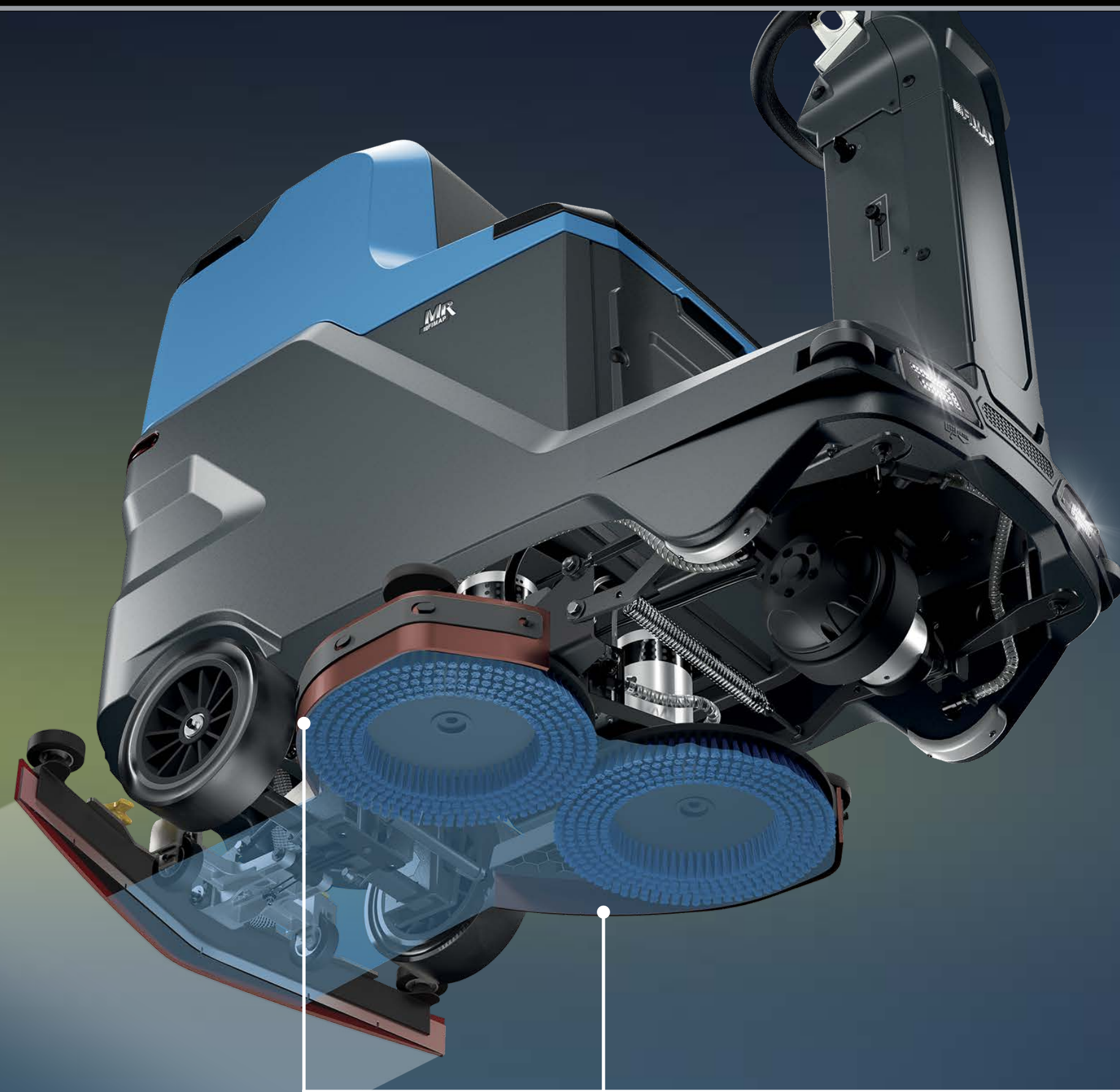
Optimise cleaning tasks by choosing the working width that best suits your environments

MR is available in three working widths, so you can choose the one that best suits the square metres to be cleaned.

With the correct dimensions, operations are faster and productivity increases.



HIGHER PERFORMANCE!



A NEW DESIGN THAT IMPROVES DRYING

The side splash guards keep water within the working area and direct it towards the suction zone for more effective collection.

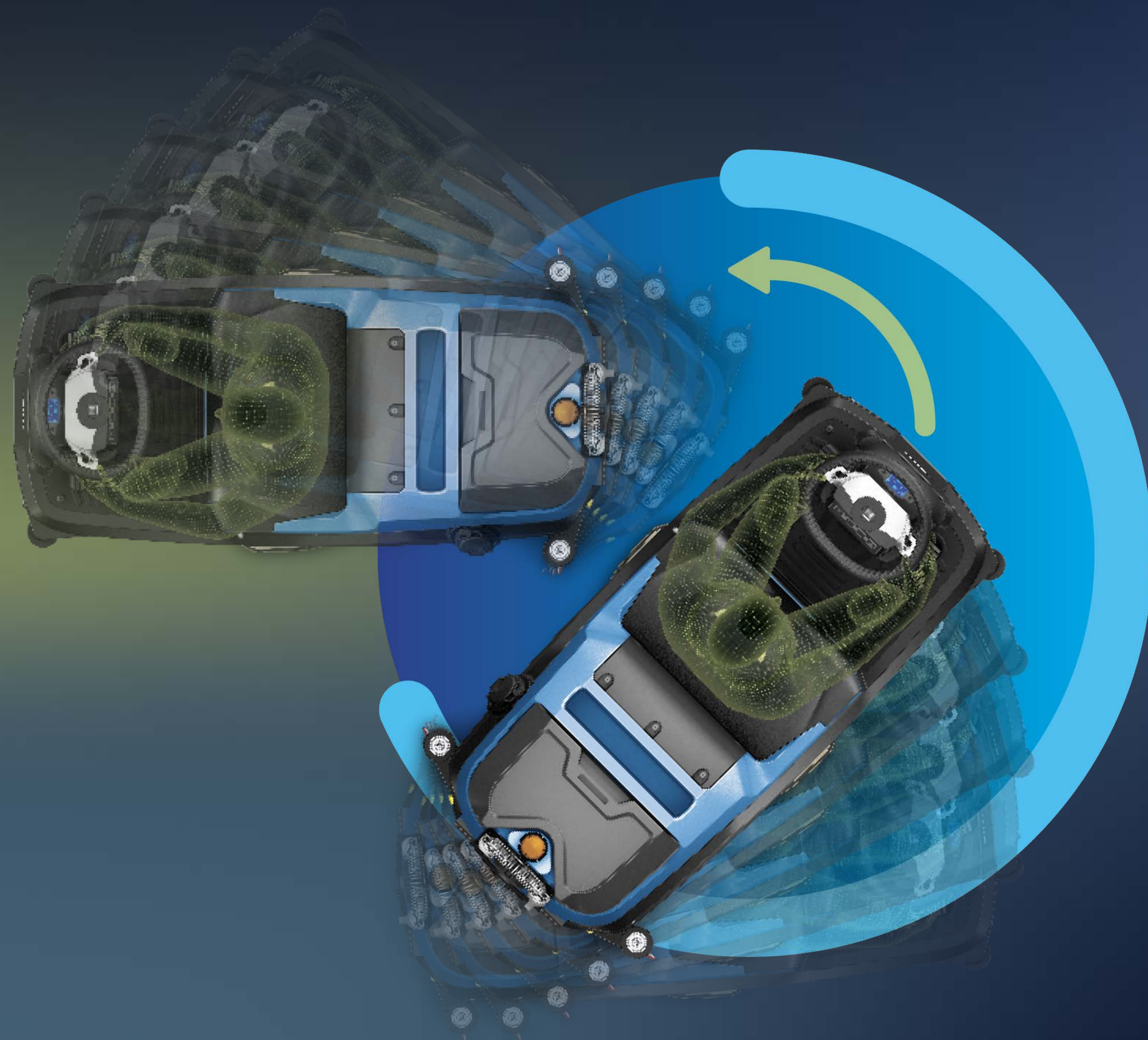
The squeegee features a new plastic design that improves drying performance. Its lateral movement keeps it always aligned with the machine, ensuring consistent performance even on bends.



VACUUM WAND

Equipped with a powerful 3-stage vacuum motor, the wand enables the collection of dirt deposited in areas difficult to be reached with the machine. In cases of stubborn dirt, it can be dampened with the spray gun.

HIGHER PERFORMANCE!



MINIMUM
AISLE TURN

1800 mm

IMPROVED EFFICIENCY!

IMPROVED EFFICIENCY!



Proper resource management enables you to work longer while reducing consumption.

Responsible use, which maximises resources, ensures greater working autonomy and fewer interruptions.

Fimap's sustainable technologies make the most of available resources, reduce consumption and minimise the environmental impact of cleaning.



The **Eco Mode** device helps you to not use more resources than necessary. When just a maintenance cleaning is required and dirt is light, you can clean using reduced amounts of water, chemical and energy. By avoiding waste, you can clean more sq.m with less resources



START&STOP

When the machine is idle, the brush motor, the vacuum motor, the traction and the water flow will turn off automatically, reducing costs and emissions.

All the functions are reactivated automatically as soon as the operator touches the accelerator again.



FES-FIMAP ENERGY SAVER

Through careful design, favouring efficient components and ensuring the correct sizing of motors, we have increased efficiency and autonomy while reducing consumption.

It reduces energy consumption by

 up to **35 %**



IMPROVED EFFICIENCY!



Technologies to save water and chemicals



FSS-FIMAP SOLUTION SAVER

up to **50%**

It reduces water and chemical use



FLR-FIMAP LONG RANGE

up to **66%***

It reduces water and chemical use



FWF-FIMAP WATER FLOW

Technology that transforms tap water into a sanitising solution by activating the chlorine molecules it naturally contains, to clean without the addition of detergents.

* Per cleaning operation. Saving calculated on a triple recycling cycle

IMPROVED EFFICIENCY!



CHEMICAL-FREE
CLEANING SOLUTION

Technology that transforms tap water into a sanitising solution by activating the chlorine molecules it naturally contains, to clean without the addition of detergents.

MORE AFFORDABLE!

MORE AFFORDABLE!



We have drawn on all our experience to create a model that is cost-effective because it focuses only on what is important, **ELIMINATING WHAT IS UNNECESSARY.**

MR IS A SCRUBBER DRYER OFFERING SOLID PERFORMANCE, RELIABILITY AND SIMPLICITY.



MORE AFFORDABLE!

The knowledge and experience we have acquired over the years have enabled us to choose targeted solutions, select the technology to implement and maintain a level of design quality that has resulted in a **HIGH-PERFORMANCE, RELIABLE AND EFFECTIVE MACHINE.**

Through a design that emphasises simple and clever solutions, integrates only functional technical elements and streamlines components, we have achieved a **ROBUST, EFFICIENT AND AFFORDABLE MODEL.**

We focused on a design that puts the operator at the centre while remaining essential, a real challenge that we overcame by working on ergonomics and intuitive, well-arranged controls to offer **NATURAL MOVEMENTS, CONTROL AND SAFETY.**

By industrialising the entire process and optimising production, we have developed

A MACHINE THAT ACHIEVES THE PERFECT BALANCE BETWEEN AFFORDABILITY AND QUALITY.

MR IS SCRUBBING MACHINE WHERE PERFORMANCE SPEAKS FOR ITSELF, SUITABLE FOR THOSE LOOKING FOR PRODUCTIVITY WITHOUT COMPLEXITY.



MR
FIMAP

MORE AFFORDABLE!



it cleans up to **15.000** sq.m
on

a single charge of **ENERGY**



and a single tank of **WATER**



In Eco Mode with 4 batteries of 6V



MORE AFFORDABLE!



IT OPTIMISES CLEANING TASKS AND REDUCES OPERATING COSTS

FEWER PIT STOPS, PRODUCTIVITY IS INCREASED BY UP TO 25%

Increases operator efficiency by reducing downtime during use

WATER SAVINGS OF UP TO 50%

Uses less water whilst maintaining high cleaning performance

DISPOSAL COSTS HALVED

Reduces the amount of collected water that needs to be treated and disposed of

GREATER ENERGY EFFICIENCY

Reduces energy consumption thus improving energy efficiency



INCREASED COMFORT!

INCREASED COMFORT!

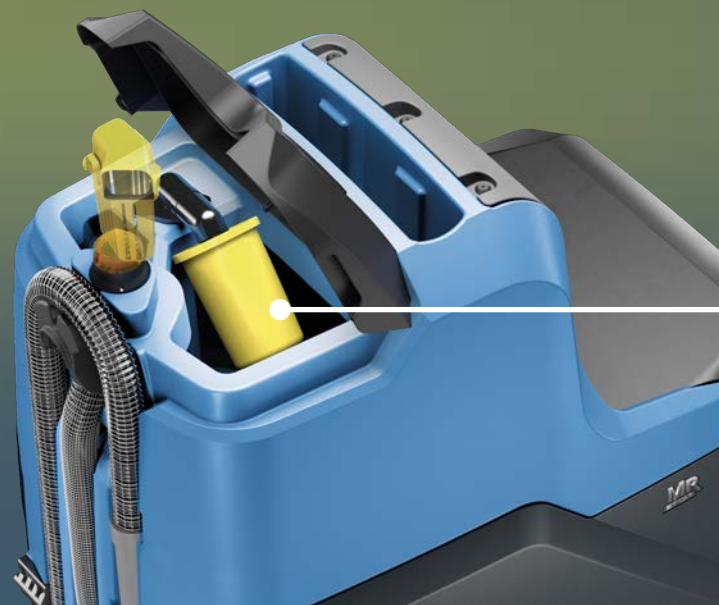


A design that puts the operator at the centre, offering full accessibility and intuitive use, which reduces downtime, makes operations simpler and faster, and increases productivity.



ACCESSORIES ALWAYS IN ORDER

The accessories are always within reach, stored in special compartments designed to not interfere with the design of the machine and to respect its dimensions.



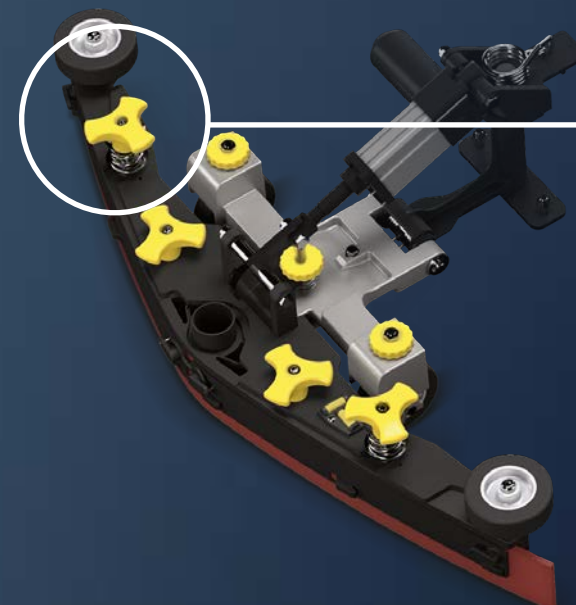
FSS DETERGENT TANK

Designed for easy access, which simplifies refilling.



YELLOW COLOR-CODED PARTS

At the end of the cleaning operation, the yellow colour reminds the operator of the parts to be cleaned immediately, to maintain constant performance over time.



BREAK AWAY

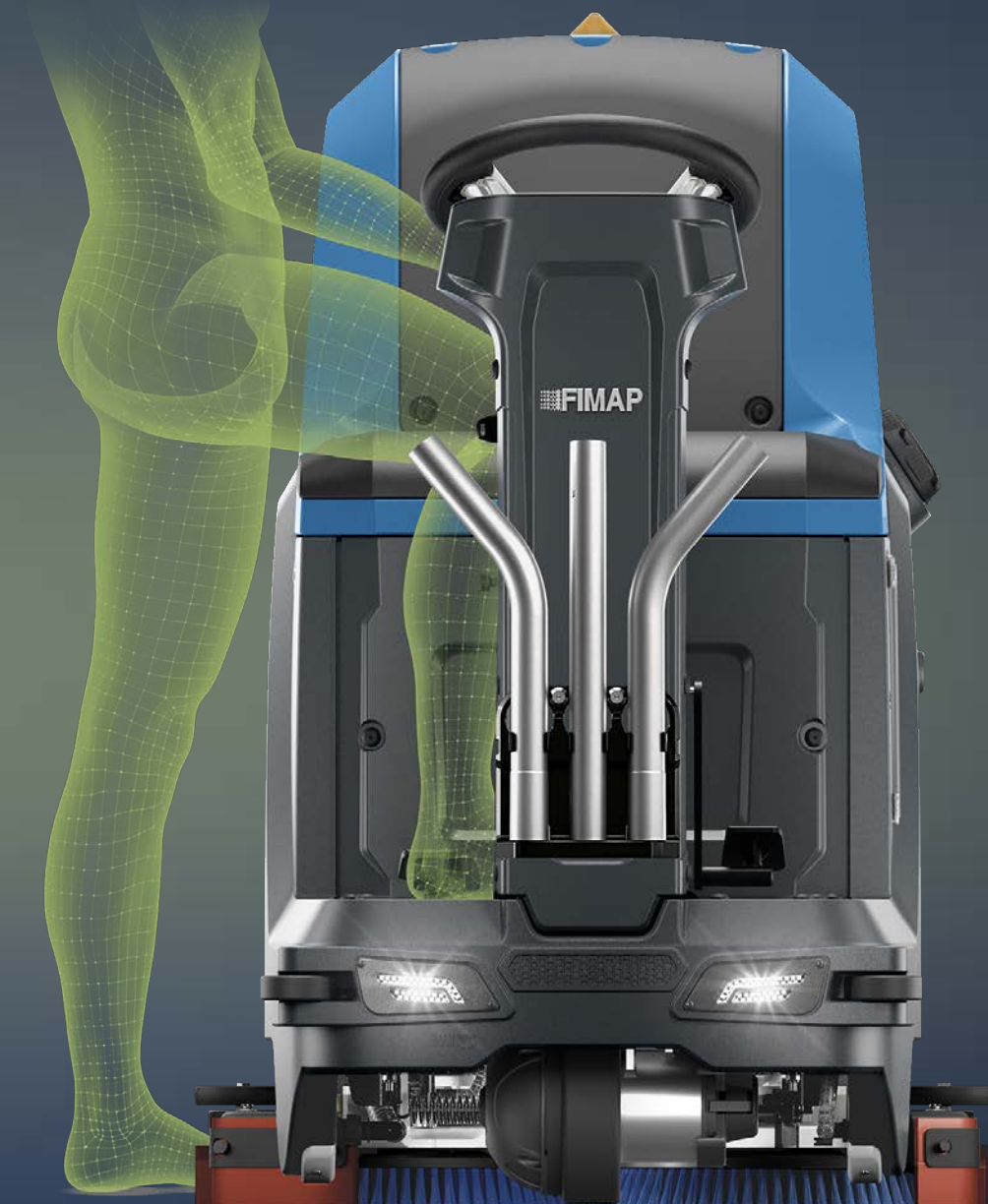
When accidentally impacted, the squeegee is uncoupled to prevent dangerous situations.

INCREASED COMFORT!



SPRAY GUN

It facilitates maintenance at the end of the operation, and is useful for rinsing the tanks when there is no faucet nearby.



The low footboard makes it easy to climb on and off from both sides and enhances the feeling of comfort when driving without any effort.

FULLY AUTOMATIC

It facilitates maintenance at the end of the operation, and is useful for rinsing the tanks when there is no faucet nearby.

INCREASED COMFORT!



DRIVING PADDLES

The controls grouped together on the dashboard around the steering wheel help the operator to stay focused on the work area. The functions can be activated more safely because they can all be reached without distractions and without completely taking the hands off the steering wheel.



The paddle on the left starts the work programs, the one on the right engages the reverse gear, while the manual scrubbing functions are located at the bottom centre. The small display at the top shows the changes and active functions.

SAFETY

SAFETY



ACTIVE TECHNOLOGIES to prevent accidents



MECHANICAL DRUM BRAKES

Simple and durable, they guarantee good braking performance.



ELECTROBRAKE

It is automatically operated when pressure on the accelerator is released.
It works as a safety parking brake.



STOP&GO

The traction control system, which brakes and holds the machine when the accelerator pedal is released, provides assistance for both uphill and downhill gradients.



ESC - ELECTRONIC STABILITY CONTROL

Automatically reduces speed when steering without the operator using the brake.



DESCENT CONTROL

Maintains a constant speed when driving downhill and prevents sudden increases in speed caused by gravity.



RAMP UP

Enables the machine to climb ramps easily and smoothly, with no interruption or loss of power delivery.

SAFETY



ACTIVE TECHNOLOGIES to prevent accidents



BLINKING LIGHT

Increases active safety by providing a visual signal of the machine's presence and movement



DRIVING PADDLES

Controls are on the dashboard, arranged around the steering wheel to improve interaction and safety. Activating them requires minimal hand movement, without having to take hands off the wheel or eyes off the road.



LED LIGHTS

Front and rear LED lights maximize work safety in all conditions.

Position lights

Reverse lights

Driving and position lights

PASSIVE SYSTEMS to help the operator in case of emergency



SOS DEVICE

Reduces time to service in case of emergency. The red button sends an sms alert to receive a prompt help, reducing downtimes
(Only for WI-FI & GSM versions)

CONNECTIVITY

CONNECTIVITY



Connect to your fleet, increase productivity with the Fimap FFM app



FIMAP FLEET MANAGEMENT

Track the performance of your fleet easily from your smartphone, with the Fimap FFM app. Enter the profile of each machine to see where it is, whether the planned cleaning schedule is being followed, and whether anything unexpected has occurred.

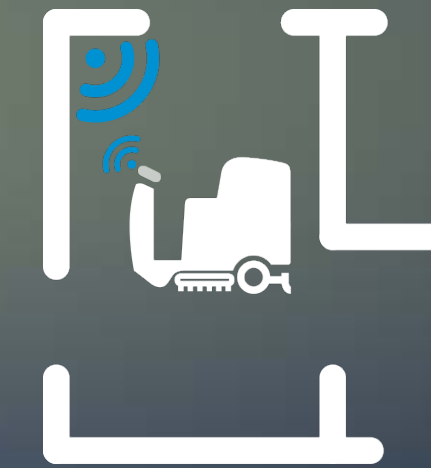
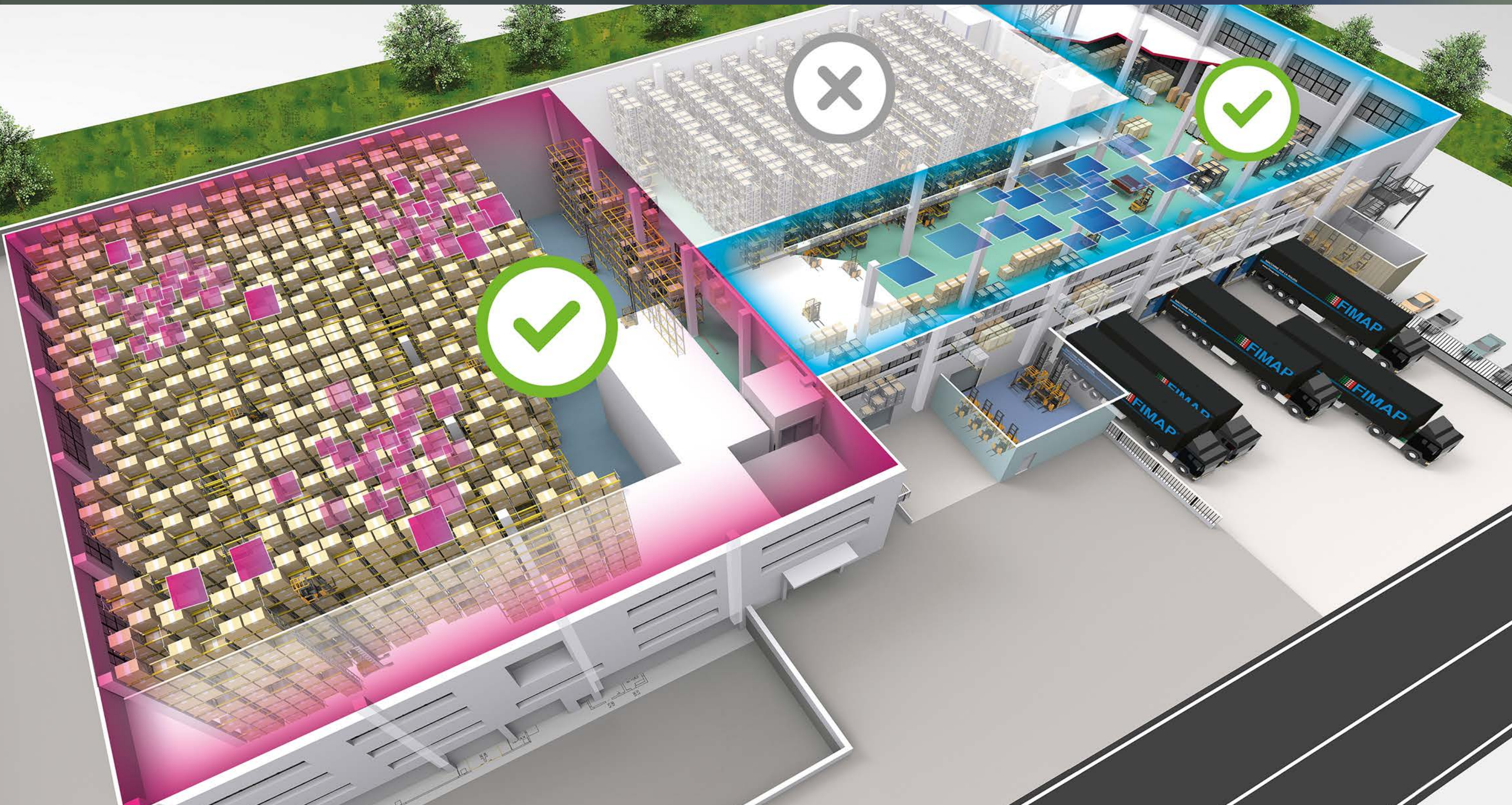
You can check the list of maintenance tasks carried out, the recharges made and any issues that have arisen, to always be in full control of the situation and keep productivity high.



CONNECTIVITY



Manage your fleet remotely with the FFM - Fimap Fleet Management system,
use the Fimap FFM app to access data
at any time and don't miss a single detail of the status of your machines



INDOOR TRACKING

Tracking of cleaning activities inside buildings, to see which areas have already been cleaned and which are still to be completed.

CONNECTIVITY



MISSION CONTROL PART PROGRAM

The supervisor can set a weekly cleaning schedule and send it to the machine. This enables the operator to follow the set schedule, ensuring the desired cleaning standards are maintained, and keeping costs low.



HEALTH STATUS

It is possible to monitor the condition of both machines and batteries at any time, to have a clear view of the fleet availability and optimize its coordination.



GEOLOCALISATION

It shows on a map the machine.



USE INFORMATION

It's possible to know in what working mode the machine is operating and for how long. Moreover, it provides information about the duration of each intervention and the sq.m cleaned.

ENVIRONMENTAL IMPACT

You can see the amount of CO₂ produced by the machine since the beginning of its working life



CONNECTIVITY



ALARMS

The anomalies occurred are summarized in a list which includes a description of the type of issue, and the date and time of the event. It helps you to have an overview of the improper uses that need to be corrected.



BATTERY RECHARGE

It sums up all the complete and opportune recharges performed, the residual charge and the charge settings. This is an essential set of information to extend the battery lifespan and reduce the related costs.



MAINTENANCE

An overview of the list of the maintenance services performed allows to identify discrepancies with the condition of the machine in case an anomaly is detected, and to monitor the inspections of the whole fleet.



NOTIFICATIONS

Receive real-time notifications about SOS alerts and anomalies on your devices. The service is available for all iOS and Android systems.



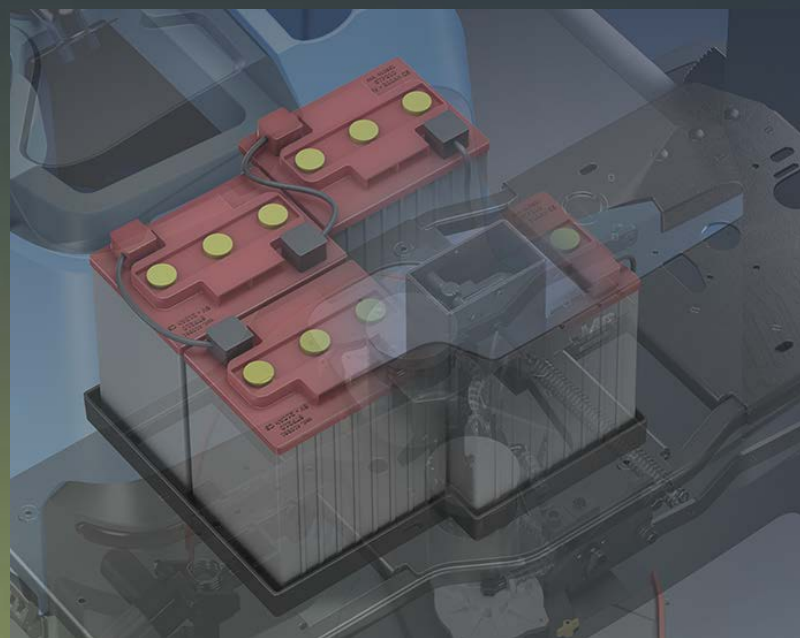
CUSTOMIZATION

CUSTOMIZATION



Add only what you need

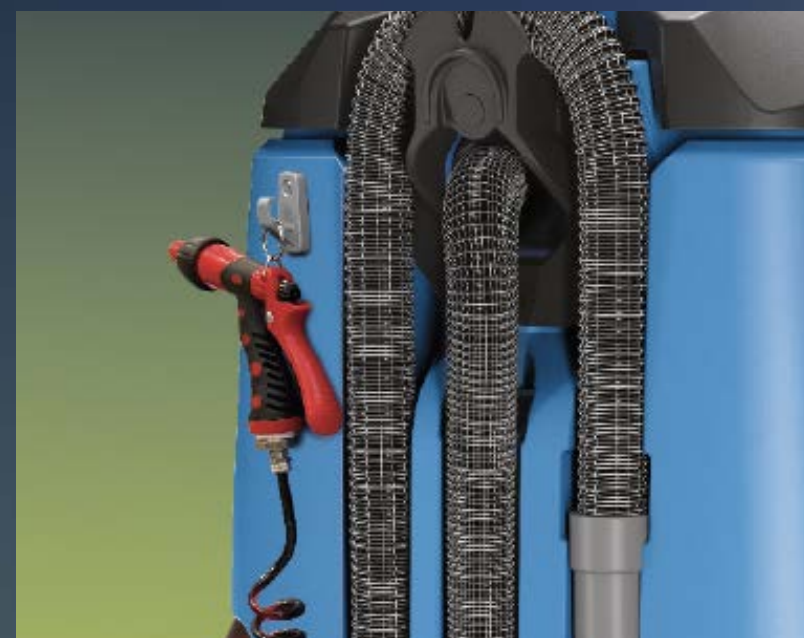
OPTIONALS



On-board battery charger



Vacuum wand



Spray gun



Brake kit



Blinking light



FSS-FIMAP SOLUTION SAVER



FLR-FIMAP LONG RANGE



FFM-FIMAP FLEET
MANAGEMENT



AQUAE®
AQUAE® + DS (Detergent dosing
system)
AQUAE® + Spray gun
AQUAE® + DS + + Spray gun

CUSTOMIZATION



OPTIONALS

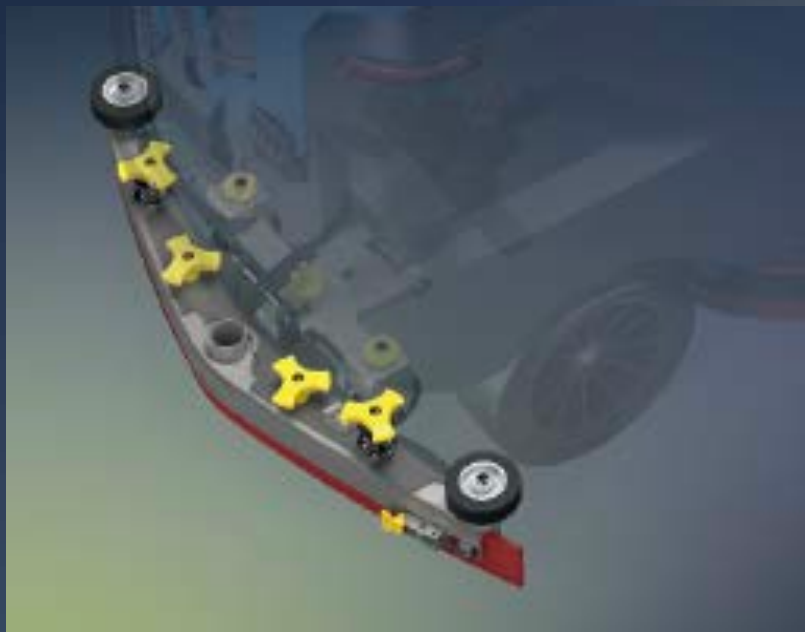


The antibacterial tanks help inhibit the growth of bacteria and mould



Recycled plastic tanks

ACCESSORIES



Squeegee in aluminum



Cleaning accessory kit

ACCESSORIES



A wide choice of disc brushes in PPL is offered, available in thicknesses from 0.3 to 0.9 cm. These offer the perfect solution for dealing with any type of dirt on any floor.

Abrasive brushes:
Ideal for heavy duty cleaning on industrial surfaces.



SQUEEGEE RUBBER BLADES

- 40 SHORE (PARA): For stubborn dirt on floors with joints
- POLYURETHANE: For heavy duty cleaning and the collection of oil on industrial floors
- LINATEX™: Suitable for all surfaces, whether smooth or rough, guaranteeing excellent performance because they are particularly resistant to wear and to temperature changes, and to the use of aggressive detergents

OPTIONAL AND STANDARD EQUIPMENT

OPTIONAL AND STANDARD EQUIPMENT

USER EXPERIENCE	DUAL DISC
	65 B / 75 B / 85 B
- Eco Mode	•
- Dynamic Mode	•
- Power Mode	•
Membrane control panel	•
COMFORT	
Hour meter	•
Cleaning solution level indicator	•
On-board battery charger	○
Cleaning accessories kit (frontal plate kit with support, side plate with clips, tub, trash bag holder with clips)	○
Automatic brush uncoupling	•
Brush and squeegee actuator	•
Vacuum wand with 3-stage motors	○
Spray gun	○
PRODUCTIVITY	
Water flow selector	•
Triple pressure selector	•
FFM (Fimap Fleet Management) with SOS device, mission control part program and indoor tracking	○
Squeegee support in aluminum	•
Squeegee in aluminum	○
Side splash guards	•

• STANDARD	○ UPON REQUEST	- NOT AVAILABLE
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OPTIONAL AND STANDARD EQUIPMENT

USER EXPERIENCE	DUAL DISC
	65 B / 75 B / 85 B

SAFETY	
Blinking light	○
Driving LED lights (front-rear)	•
Ramp up	•
Stop&Go	•
Descent control	•
ESC (Electronic Stability Control)	•
Antibacterial tanks	○
Brake kit	○

ENVIRONMENT	
AQUÆ®	○
AQUÆ® + DS (DETERGENT DOSING SYSTEM)	○
AQUÆ® + SPRAY GUN	○
AQUÆ® + DS + SPRAY GUN	○
Recycled plastic tanks	○
FSS (Fimap Solution Saver)	○
FSS (Fimap Solution Saver) and spray gun	○
FLR (Fimap Long Range)	○
FLR (Fimap Long Range) and spray gun	○
FES (Fimap Energy Saver)	•
FWF (Fimap Water Flow)	•
Start&Stop	•

• STANDARD	○ UPON REQUEST	- NOT AVAILABLE
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DIMENSIONS AND TECHNICAL DATA

TECHNICAL DATA - MR		DUAL DISC		
		65 B	75 B	85 B
PERFORMANCE				
Productivity theoretical	up to sqm/h	3900	4500	5100
Estimated coverage	up to sqm/h	3575	4125	4675
Tank range	up to sqm	15.000		
SCRUBBING SYSTEM				
Working width	mm	660	760	860
Brush motors	(no.) V/W	(2) 24/570		
Brush rpm	rpm	240		
Pressure on the brushes (min. - max)	kg	30÷45÷60		
BATTERIES				
Supply/traction	V	24/aut.		
Batteries	(no.) V/Ah C20	(2) 12/150 (4) 6/270		
Battery run time*	Up to h	4*		
PROPELLING SYSTEM				
Forward working speed	km/h	5,5		
Transport speed	km/h	6		
Gradeability (Working / Transport at gross weight / Trailer ramp empty)	%	8 / 18 / 20**		
Traction motor	(no.) V/W	(1) 24/410		
SPECIFICATIONS				
Machine dimensions (L x h x w)	mm	1465	1465	1465
		1210	1210	1210
		686	810	895
Squeegee width	mm	800	900	1000
Machine weight empty without batteries	kg	225,5		
Machine weight empty with batteries	kg	359,5		
GVW (Gross Vehicle Weight)	kg	529,5		
Sound pressure level (ISO 11201)	dB (A)	<70		
Minimum aisle turn	mm	1800		
TANKS AND RECOVERY SYSTEM				
Solution tank	l	105		
Recovery tank	l	110		
Vacuum motor	V/W	24/350		
Vacuum water lift	mbar	119		

*Run times are based on continuous scrubbing run times - ** Transport empty - Machine weights are calculated on the basis of a standard reference model

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This obligation to return, destroy or no longer use is set automatically in motion when the relationship is cancelled with FIMAP for any reason whatsoever.

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All disputes will be put to the exclusive jurisdiction of the Verona Courts.

