

## Welcome to the dimension of cleaning 4.0!




## Quality you can see for yourself: a design that's a pleasure to look at, which accentuates every single detail

The precisely defined forms of the front give the machine a decisive character exuding an impression of unrivalled robustness.

Taking pride of place at the lower part of the front is an elegant, elongated front fascia between 2 LED headlights creating a boldly expressive look.

The clean, flowing lines continue to the rear of the machine, lending a sense of dynamism to the whole and underscoring the exclusiveness and attention to detail of the design.

The design is complemented to perfection by materials selected and used according to the most exacting standards, making a bold visual statement that expresses the essence and extraordinary quality of this machine.

## DESIGN



The rounded design of the body protects the machine and keeps the value of your investment over time


## MIMIY

## COMFORT

ECO
mode

Boasting FNC and Eco Mode technology, the MMg can also work extremely quietly when needed, to safeguard the health of the operator and of any people nearby

## O YELLOW COLOUR-CODED PARTS

Parts which must be cleaned regularly at the end of every shift are colour coded in yellow for easy identification, saving time and making sure that your scrubbing machine is kept in perfect condition at all times


## SERVICE LIGHTS



The exclusive lights pack offers increased visibility of the parts which could require operator inspection, illuminating the relative zones with LED lights

## Ergonomic forms optimized for total

 freedom of movement and maximized operator comfort

The footrest zone is designed to offer impressive space for the feet despite the compact dimensions of the machine

The lowered footboard facilitates access from both sides and allows the operator sit easily without any efforts


## POWER MODE



When more scrubbing power is needed, activating Power Mode increases the delivery rate of detergent solution and boosts brush pressure and vacuum power for the time necessary to tackle heavy duty cleaning

## ZONE PROGRAMS



To ensure the desired cleaning results in all conditions and prevent the risk of tampering, the site supervisor can save a number of separate configurations with specific cleaning parameters for different work environments. The operator simply has to select the zone to be cleaned, and the machine is configured automatically with all the right settings


Lets the operator monitor cleaning results in real time from the display, without taking his or her eyes off the direction of travel


## A LATERAL BRUSH FOR EVEN MORE GREATER PRODUCTIVITY

The third brush moves laterally to facilitate cleaning along walls or shelves, increasing productivity by up to $15 \%$


## The strengths of the MMg behind its extraordinary performance



## Sweeps, scrubs, dries and sanitizes in one step

In order to obtain a healthy environment, cleaning must be combined with a sanitizing process.
Once the dirt, both light as dust and solid residues, and adherent, has been removed,
the surfaces must undergo a treatment that reduces the presence of pathogens with the use of specific solutions.
Today, most sanitization activities are carried out manually, even in large environments, at very high costs.

Mechanizing this operation is crucial to perform it with method and regularity.
Combing sanitization with cleaning and carrying out the two actions at the same time provides extraordinary advantages in terms of time and cost.

Cleaning and sanitizing at the same time is now possible with a Disinfector scrubbing machine.
MMg scrubber dryer in Disinfector version enables the cleaning of floors and, at the same time, the sanitization of both floors and the surrounding vertical surfaces, in a single step.


This means a considerable reduction in costs, time and labour, which becomes even more significant in large spaces, where the cylindrical version of MMg Disinfector can be used,
so as to achieve even 4 actions in one step:

> 1. SWEEPING
> 2. SCRUBBING
> 3. DRYING
4. SANITIZING

## THE ELECTROSTATIC TECHNOLOGY

> The spraying action uses the electrostatic technology. The electrostatic charge causes the particles of the liquid to repel each other and thus to maintain a constant distance between them, which results in an even distribution. In addition, the charged particles are attracted by the surfaces on which they are directed, which guarantees a 360 -degree coverage on each side of an object, without leaving out gaps.


THE SOLUTION IS SPRAYED UP TO 3 METERS
While MMg carries out its usual cleaning activity, the sanitizing liquid is sprayed by groups of nozzles positioned above the tank, and then transported up to 3 metres away in distance and height from the force of two turbines, and by another group of nozzles positioned at the rear base of the machine, intended only for the floor.


## MIMIY



## DIRECTIONAL NOZZLES

The spray can be directed according to the needs of the site, by rotating the turbines $180^{\circ}$ from top to bottom and $180^{\circ}$ from right to left.

The sprayer allows to sanitize the machine at the end of the shift, taking the solution from the designated tank. During the maintenance phase the operator can spray the sanitizing solution inside the tanks,
in the area where the squeegee and the brush are located, on the contact surfaces such as the steering wheel, dashboard and driver's seat.


## SEPARATE NOZZLE OPERATION: ON THE RIGHT OR LEFT SIDE

You can choose to activate the spray only on one side or the other, according to the requirements of the specific environment you are sanitizing.

## SEPARATE NOZZLE OPERATION: UPPER AND LOWER

The upper and lower nozzles are also independent, allowing you to adapt the activity according to the structure of the environment and avoid wasting solution.

| TECHNICAL DATA |  | MMg Disinfector |
| :---: | :---: | :---: |
| Sanitizing solution tank | I | 10 |
| Lower nozzles | (no.) | (2) |
| Upper nozzles | (no.) | (4) |
| Lower nozzles flow rate | $1 / \mathrm{min}$ | 0,245 |
| Upper nozzles flow rate | 1/min | 0,465 |
| Total flow rate | 1/min | 0,711 |
| Operating time with lower nozzles | min | 40 |
| Operating time with upper nozzles | min | 21 |
| Total operating time | min | 14 |
| Machine dimensions ( $1 \times h \times w$ ) (min-max) | mm | $\begin{gathered} 1690 \\ 1485 \\ 881 \end{gathered}$ |
| Drop size | $\mu \mathrm{m}$ | 100 |

## ACTIVE TECHNOLOGIES to prevent accidents

The anti-collision system detects obstacles when reversing, helping the operator work in complete safety and protecting the machine

ANTI-COLLISION SYSTEM


Facilitates manoeuvres in reverse by
 detecting obstacles

REAR VIEW CAMERA

Enhances visibility in dim light

Safety is paramount
The MMg is equipped with a host of safety systems and features to keep the operator in complete control at all times and work with total peace of mind


The steering wheel controls offer the operator even greater control when cleaning, and also improve safety by eliminating distractions and letting the operator keep his or her eyes on the zone ahead of the machine

## STEERING WHEEL CONTROLS

REAR HEADLIGHTS



Front and rear LED headlights maximize work safety in all conditions

LED HEADLIGHTS

## On the road to accident-free cleaning

53
Maintains a constant speed when driving downhill, and prevents sudden increases in speed caused by gravity

DESCENT
CONTROL

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


Control device letting the operator set the required speed

CRUISE CONTROL


Any questions? MMg has all the answers, with tutorials to help the operator in every aspect of the job

VIDEO TUTORIALS

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

## PASSIVE SYSTEMS

to help the operator in case of emergency

$\pi$
By pressing a single
button the machine stops
immediately
EMERGENCY STOP


## Driving system with touchscreen display which transforms cleaning into a revolutionary experience

NJTELLIGENT
DRIVE

The operator is the centre of a high-tech universe, where everything is easy, intuitive and dynamic

All functions and activities are managed from a single interface, where a mere touch of the finger offers access to an extraordinary choice of customisable features to satisfy all types of requirements with extreme simplicity.

The high definition colour display offers the same intuitive experience as a smartphone


LOG-IN WITH PASSWORD To protect your investment


ZONE PROGRAMS
For all the performance you'll ever need


ECO MODE
To protect the environment


POWER MODE
For maximum power when you need it


REAR VIEW CAMERA
To keep everything under control


VIDEO TUTORIALS
For a more efficient, fast and easy operator training


Discover the FFM universe and experience the advantages of being constantly connected, with My.Machine app!

Watch the video

My.Machine app updates you in real time providing all the essential information to help you keep high the fleet performance. You can see from your smartphone or tablet where your machines are, if they're carrying out the cleaning task or
if any anomaly occurred. You can see the list of the services performed, the charger logs and anomalies occurred, in order to have a complete overview of the health status of each machine.

Keep tabs on your machines remotely when you want and from wherever you want!


GEOLOCATION

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.


## ALARMS



## HEALTH STATUS

Anytime is possible to monitor the health condition of both machines and batteries to have a clear view of the fleet availability and optimize its coordination.


## ENVIRONMENTAL IMPACT

All the data related to the $\mathrm{CO}_{2}$ produced per intervention are available as well as the water and detergent consumption, in order to take action and improve the performance.

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.

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.


SERVICES

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


Fimap sustainable technologies contribute to protecting the environment and also encourage and help the user to use resources responsibly, offering many advantages.
Advanced technological solutions offer a reduction in cost per sq.m. cleaned, more working autonomy, time savings and better cleaning results, letting you cover more surface area with the same resources.


The Eco Mode function helps prevent water, detergent and energy consumption by using only the quantities you need and nothing more

(A)
STARTESTOP
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

* In basic versions suction turns off when the squeegee is lifted up



## Oflk

FLR-FIMAP LONG RANGE
Reduces water and detergent consumption per cleaning operation by up to $66 \%^{*}$. This is a system which recycles detergent solution to increase autonomy: to scrub more sq.m. while using less resources

## CFSS

FSS-FIMAP SOLUTION SAVER
Water and detergent quantities are separately dosed, reducing consumption by up to $50 \%$

## \&FWF

FWF-FIMAP WATER FLOW
Ensures uniform cleaning results across the entire working width on the first pass, optimising detergent solution consumption

## DISINFECTOR

Reduced consumption of sanitizing solution, thanks to a more efficient distribution given by the electrostatic technology

NOISE LEVELS
FES-FIMAP ENERGY SAVER
Reduces energy consumption by up to 35\%
LED TECHNOLOGY
Up to 80\% lower energy consumption than conventional headlights.
The LED headlights consume much less energy than conventional headlights, offer a longer lifespan and illuminate with a brilliant white light similar to natural daylight


FNC-FIMAP NOISE CANCELLING
Reduces sound pressure

## VERSATILITY

An extensive choice of configurations to give you the best performance possible in all conditions, on any floor, with any type of dirt and in any environment


DUAL DISC
with 2 disc brushes or
2 pad holders


CYLINDRICAL
with 2 cylindrical brushes and a debris hopper for small sized solid debris

ORBITAL
With pad

## A solution for any requirement



## MIMIY

## AVAILABLE IN 2 VERSIONS



Basic
Plus

## OPTIONALS AND ACCESSORIES

## OPTIONALS



Front and rear LED headlights


On-board battery charger for quicker, more convenient charging


The third lateral brush increases cleaning performance along walls (available for MMg disc versions)


2 side sweeping brushes increase cleaning performance along walls (available for Cylindrical versions)


Rear/front super elastic wheels, for minimal vibration and increased comfort


FLR-FIMAP LONG RANGE


FFM-FIMAP FLEET MANAGEMENT


FSS - FIMAP SOLUTION SAVER


The Disinfector includes two groups of nozzles located above the tank for sanitizing vertical surfaces and a group at the base of the machine intended for the floor

## ACCESSORIES



A wide choice of disc or cylindrical 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


Pads
BLACK
Superior abrasiveness for rapid and thorough heavy duty cleaning

GREEN
Ideal for removing dirt from more delicate floors (rubber or linoleum)

## RED

Ideal for scrubbing delicate or treated
floors, and achieving an instant shine


Rear squeegee rubber blades
33 SHORE (PARA)
For maintenance cleaning of smooth floors
40 SHORE (PARA)
For stubborn dirt on floors with joints
POLYURETHANE
For heavy duty cleaning on industrial floors, even with wide gaps

## OPTIONAL AND STANDARD EQUIPMENT

| USER EXPERIENCE | DUAL DISC |  | CYLINDRICAL |  | ORBITAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | MMg | MMg Plus | MMg Cylindrical | MMg Cylindrical Plus | MMg Orbital |
| iD-Intelligent Drive: | - | - | - | - | - |
| - 5 inch high resolution color touch screen | - | - | - | - | - |
| - Log-in with password | - | - | - | - | - |
| - Zone programs | - | - | - | - | - |
| - Cruise control | - | - | - | - | - |
| - Eco Mode | - | - | - | - | - |
| - Power Mode | - | - | - | - | - |
| - Rear view camera | - | $\bullet$ | - | $\bullet$ | - |
| - Anti-collision system | - | $\bullet$ | - | - | - |
| - Video tutorials | - | - | - | - | - |
| COMFORT |  |  |  |  |  |
| Hour meter | - | - | - | - | - |
| Cleaning solution level indicator | - | - | - | - | - |
| Fresh water empty tank light | - | - | - | - | - |
| Battery charger | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| Brush and squeegee actuator | - | - | - | - | - |
| Brush and squeegee manual lifting | - | - | - | - | - |
| Sanitizing sprayer for Disinfector | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | ○ | $\bigcirc$ |
| PRODUCTIVITY |  |  |  |  |  |
| Water flow selector | - | - | - | - | - |
| Triple pressure selector | - | - | - | - | - |
| Extra pressure | - | - | - | - | - |
| Vacuum speed selector | - | - | - | - | - |
| Right-hand side scrubbing brush | $\bigcirc$ | $\bigcirc$ | - | - | - |
| 2 sweeping side brushes | - | - | $\bigcirc$ | $\bigcirc$ | - |
| 3 stage vacuum motor | - | - | - | - | - |
| FFM (Fimap Fleet Management) | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| Squeegee and squeegee support in aluminum | - | - | - | - | - |
| Side splash guards | - | - | - | - | - |
| Disinfector* | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| SAFETY |  |  |  |  |  |
| Blinking light | - | - | - | - | - |
| Driving LED headlights (front-rear) | $\bigcirc$ | - | $\bigcirc$ | - | $\bigcirc$ |
| Driving (front-rear) and service LED lights | - | - | - | - | - |
| Super elastic wheels (front-rear) | - | $\bigcirc$ | - | - | $\bigcirc$ |
| Ramp up | - | - | - | - | - |
| StoptGGo | - | - | - | - | - |
| Descent control | - | - | - | - | - |
| ESC (Electronic Stability Control) | - | - | - | - | - |
| Emergency Stop | - | - | - | - | - |
| ENVIRONMENT |  |  |  |  |  |
| FSS (Fimap Solution Saver)* | - | $\bigcirc$ | - | - | - |
| FLR (Fimap Long Range)* | $\bigcirc$ | - | $\bigcirc$ | - | $\bigcirc$ |
| FNC (Fimap Noise Canceling) | $\bullet$ | - | - | - | - |
| FES (Fimap Energy Saver) | - | - | - | - | - |
| FWF (Fimap Water Flow) | - | - | - | - | - |
| Start\&Stop | $\bullet$ | - | - | - | - |
| *The devices cannot be installed together $\quad \bullet$ STANDARD |  |  | - UPON REQUEST | - NOT AVAILABLE |  |

## DIMENSIONS AND TECHNICAL DATA


*Run times are based on continuous scrubbing run times

## SERVICES

CONSULTING AND PLANNING


We put our experience at your service, to help you realize the cleaning project perfect you. We suggest you the best solutions to make costs decrease and service quality increase.

SETUP


We can help you set up your machines in order to make them meet specifically the requirements of the sites of your project, allowing you to always have control over costs and results.

AUTHORIZED WORKSHOP NETWORK


Fimap Authorized Workshop network spans the globe, so you can enjoy the peace of mind of finding a professional support wherever your business is.

CONFIGURATION


Your business is unique, only a customized fleet can lead you to better results. We will help you find the configurations that best fit the specific requirements of your cleaning sites, in order to optimize processes and lower costs.

TRAINING COURSES


Fimap Academy offers courses for all levels, from the correct use of machines and technologies, up to the management of sites and tenders, helping you to make your service really competitive.

MAINTENANCE AND REPAIR


For your business to run smoothly it is essential that your machines are kept always operational. Our technicians take care of monitoring the machines health status and know how to intervene quickly and effectively when needed.


You can choose to use the fleet in different ways. We can advise you on the best financial solution for your business, so that you can get the quality of the Fimap world at the most convenient conditions for you.

DIGITAL FLEET MANAGEMENT SYSTEM


With Fimap Fleet Management everything is under your control. You can have a complete overview of the service provided and find out the improvements that can be made, basing your considerations on real data, always available via the My.Machine app or FFM website.

GENUINE SPARE PARTS


Get the most out of your machines, choose the reliability of Fimap original spare parts. They are designed together with the machines, so they perfectly fit them thus guaranteeing the highest quality of performance.

CERTIFICATIONS


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