

MMg



Welcome to the dimension of cleaning 4.0!

 **FIMAP**[®]

MMg





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

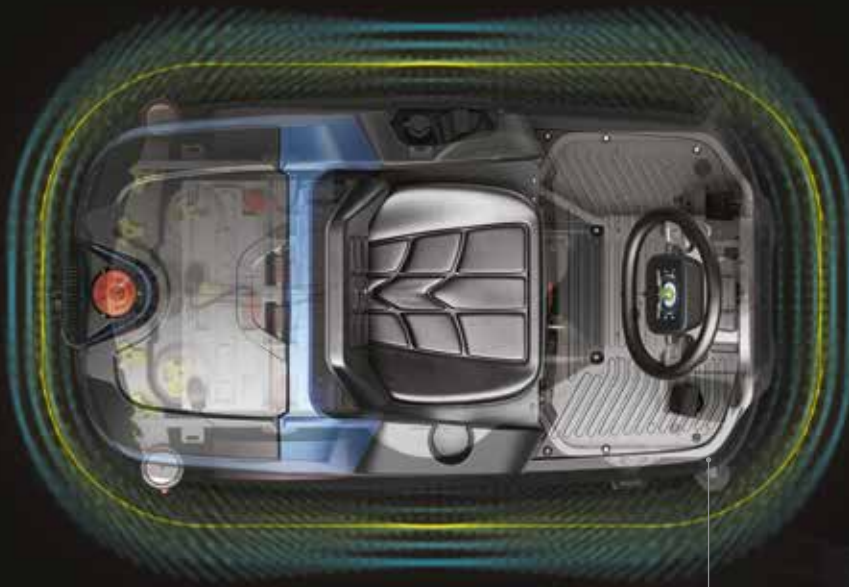
The precisely defined forms of the front give the machine a decisive character exuding an impression of unrivalled robustness.

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.





A painstaking development and design process gave shape to a machine body that encompasses and protects all the mechanical parts of the machine, covering and shielding them against damage from accidental impact

This maximizes the durability of the components, keeping the value of the machine itself high over time



The entire outer structure is made from robust and sturdy high density polyethylene

Any minor knocks during use are absorbed completely by the integrated bumpers



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

The low centre of gravity ensures outstanding stability when working and manoeuvring, even in bends or when climbing ramps

The compact height facilitates access to the tanks, making maintenance easier and more practical



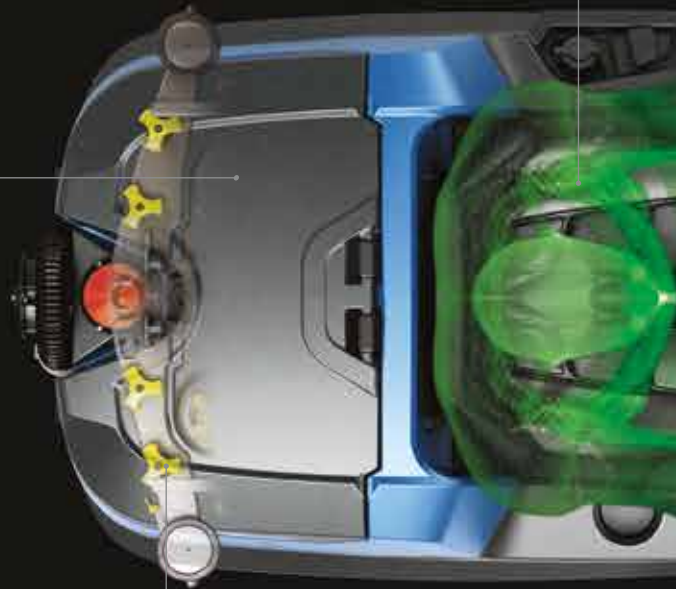
MMg

COMFORT



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

Padded in soft material, the seat boasts ergonomic forms offering effective back support and also features forwards and backwards adjustment. This equates to a stress-free experience for the operator, who can work for hours on end without any effort



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



Ergonomic forms optimized for total freedom of movement and maximized operator comfort



The lateral paddles offer the operator even greater control over the machine, for total peace of mind and a comfortable, safe driving experience



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

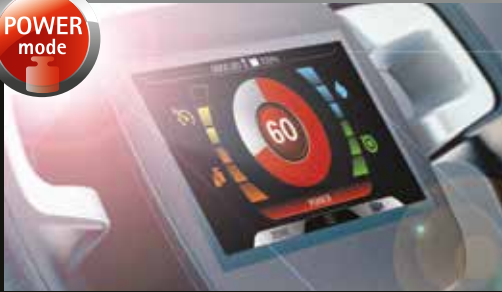
The design of the front maximizes the room for the legs and brings the steering wheel closer to the operator, making the machine even more comfortable to use



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

PERFORMANCE AND PRODUCTIVITY

POWER MODE



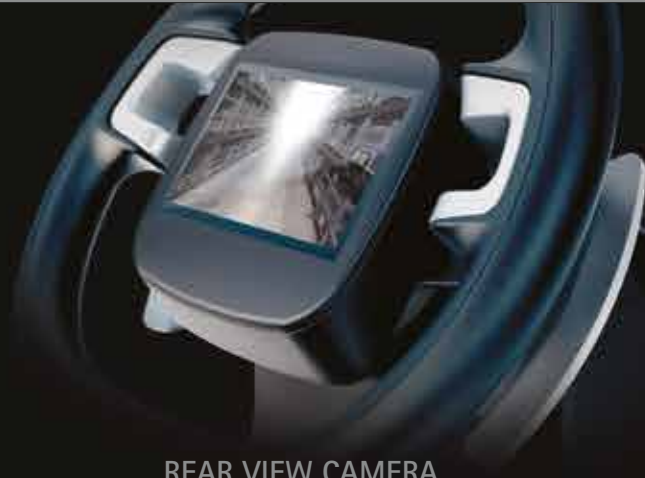
When more scrubbing power is needed, activating Power Mode increases the delivery rate of detergent solution and boosts brush pressure and vacuum power for the time necessary to tackle heavy duty cleaning

"ZONE"

PERSONALIZED CLEANING 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



REAR VIEW CAMERA

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

3-stage vacuum motor

Effective vacuum system which leaves the floor dry with no risk of slipping



FLR-FIMAP LONG RANGE

Increases productivity by up to 70%

Great autonomy

Work for up to 5 hours non-stop

Light steering for even more operator comfort

The dual front wheel reduces the specific pressure exerted on the floor, making the steering action lighter. This solution also increases manoeuvrability and prevents marking, even on the most delicate floors

Outstanding performance in any situation

MMg is capable of climbing ramps up to 18%. A special electronic control modulates power precisely, allowing the machine to climb ramps easily and smoothly, with no interruption or loss of power delivery



RAMP UP

Up to 100 Kg of pressure

With a brush pressure settable to up to 100 Kg, the machine can tackle even the most stubborn dirt

Save time by working faster

Up to 6 Km/h in work mode and 8 Km/h in transfer mode



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



By pressing a single button the machine stops immediately

EMERGENCY STOP



Front and rear LED headlights maximize work safety in all conditions

LED HEADLIGHTS



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

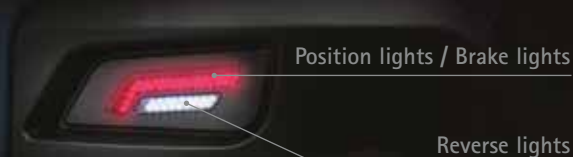
STEERING WHEEL CONTROLS



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

REAR HEADLIGHTS



FRONT HEADLIGHTS



On the road to accident-free cleaning



DESCENT
CONTROL

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



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



CRUISE
CONTROL

Control device letting the operator set the required speed



VIDEO
TUTORIALS



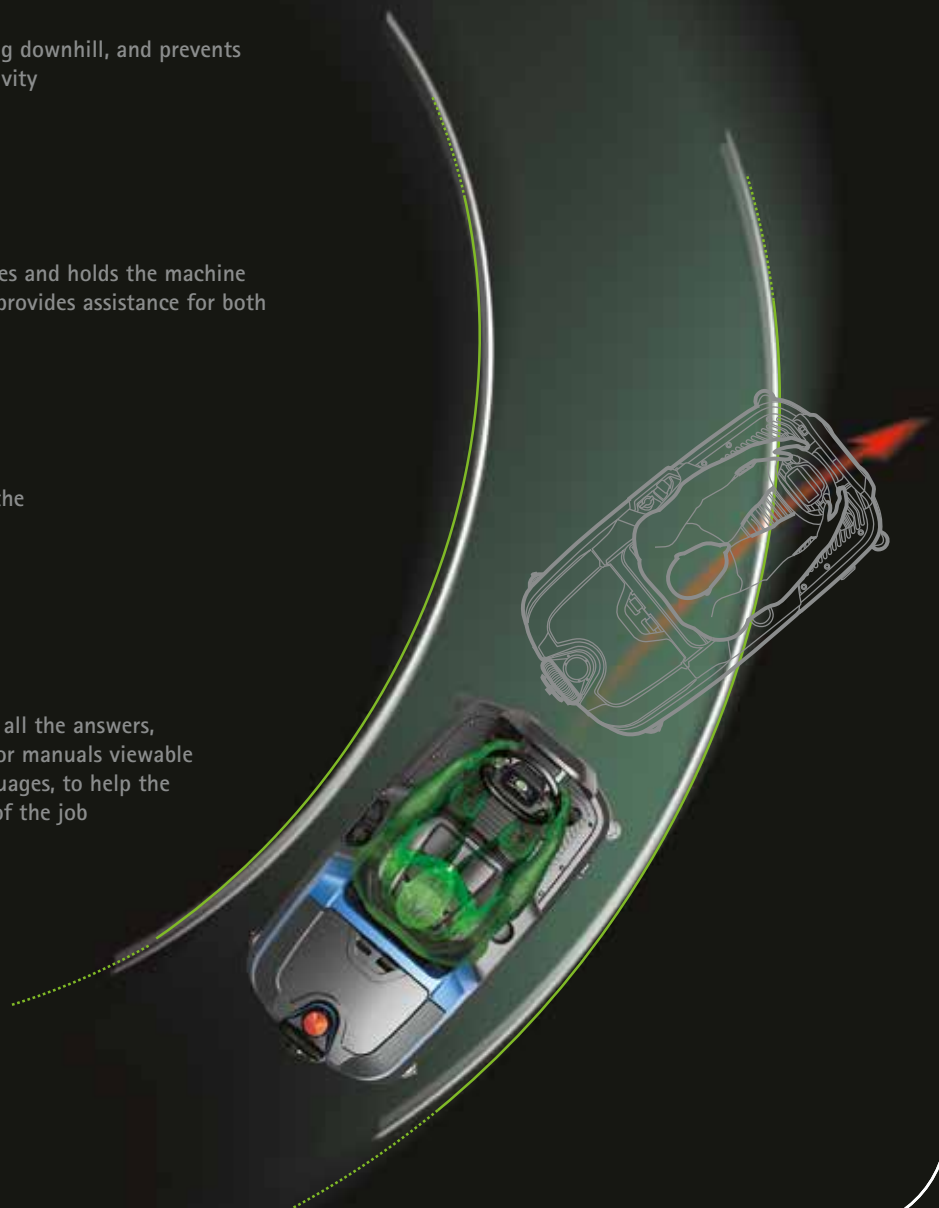
USER
MANUALS

Any questions? MMg has all the answers, with tutorials and operator manuals viewable on the display in 24 languages, to help the operator in every aspect of the job



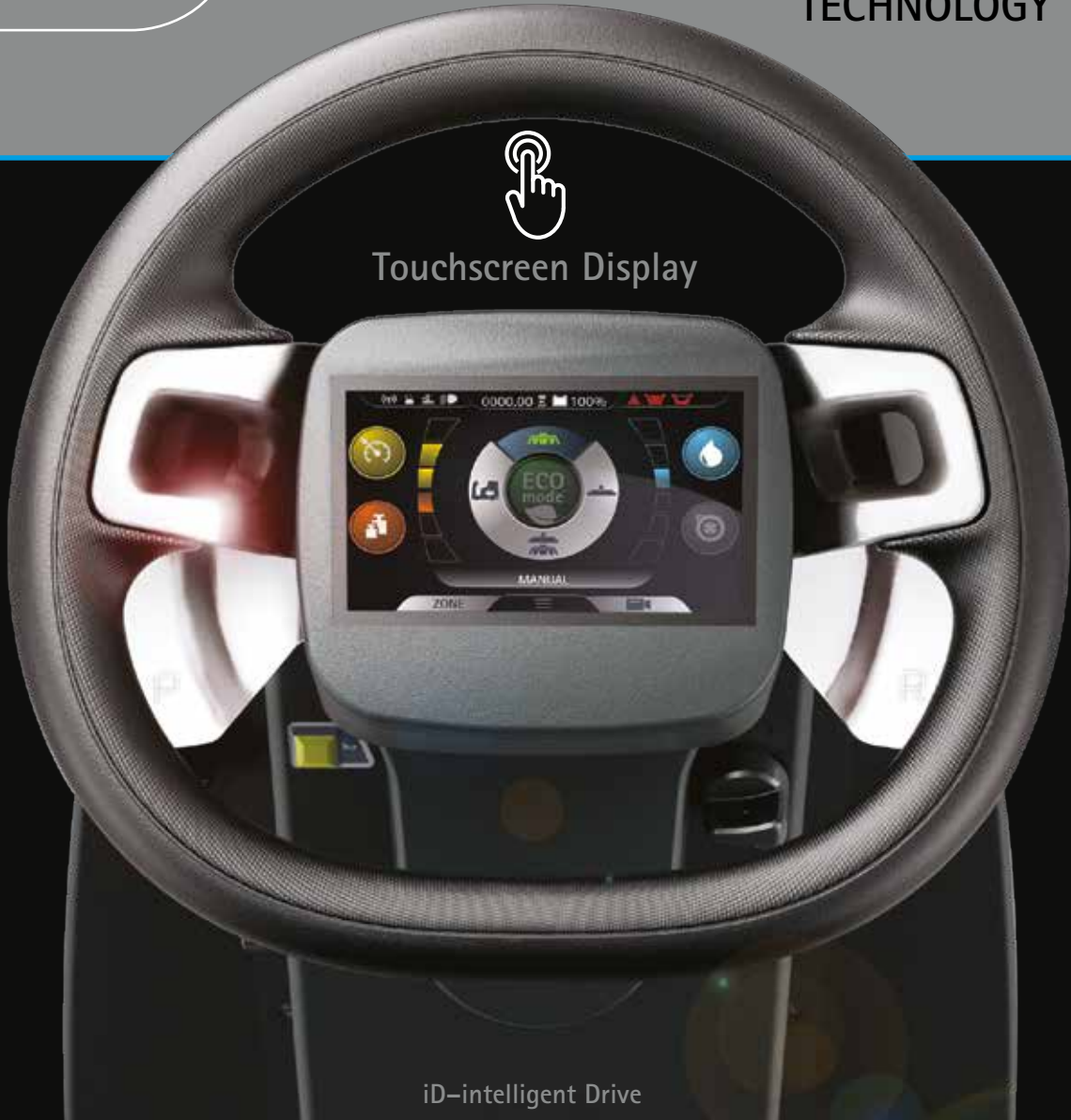
ESC - ELECTRONIC
STABILITY CONTROL

Automatically reduces speed when steering without the operator using the brake





Touchscreen Display



iD-intelligent Drive



TOUCH SCREEN
DISPLAY



LOG-IN WITH
PASSWORD



PERSONALIZED
WORK ZONE
PROGRAMS



CRUISE
CONTROL



SUSTAINABLE
CLEANING



SEVERE
CLEANING



REAR VIEW
CAMERA



ANTI-COLLISION
SYSTEM



VIDEO
TUTORIALS



USER
MANUALS



24
LANGUAGES

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



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"
PERSONALIZED WORK 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



DIGITAL INSTRUCTIONS
Giving you all the information you need exactly when you need it

MMg

CONNECTIVITY



Discover the FFM universe and experience the advantages of being constantly connected!





FIMAP FLEET MANAGEMENT



Watch the video

Developing new technology to improve efficiency is one of the core missions of Fimap.

An example of this is FFM, the Fimap Fleet Management system which collects the data sent by the machine and transforms it into valuable information accessible to you easily on-line 24/7, from any computer, tablet or smartphone.

Being constantly connected to your machine will help you operate it even more efficiently and effectively. With one click

you can know where the machine is, if the operation is being carried out according to plans and at the scheduled time.

The machine's health status is constantly monitored. In the very unlikely event of a breakdown, you'll be able to determine the type of issue online and in real time, and immediately take the necessary corrective action.

The telemetry service lets you monitor everything at all times for maximized efficiency.

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



GEOLOCALISATION

You'll always know where your machine is



USAGE INFORMATION

You'll always know who's using your machine and how



MAINTENANCE

You'll always know the state of health of your machine



TELEMETRY

You'll always be able to check if your machine is working at peak efficiency

MMg

ENVIRONMENT

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.



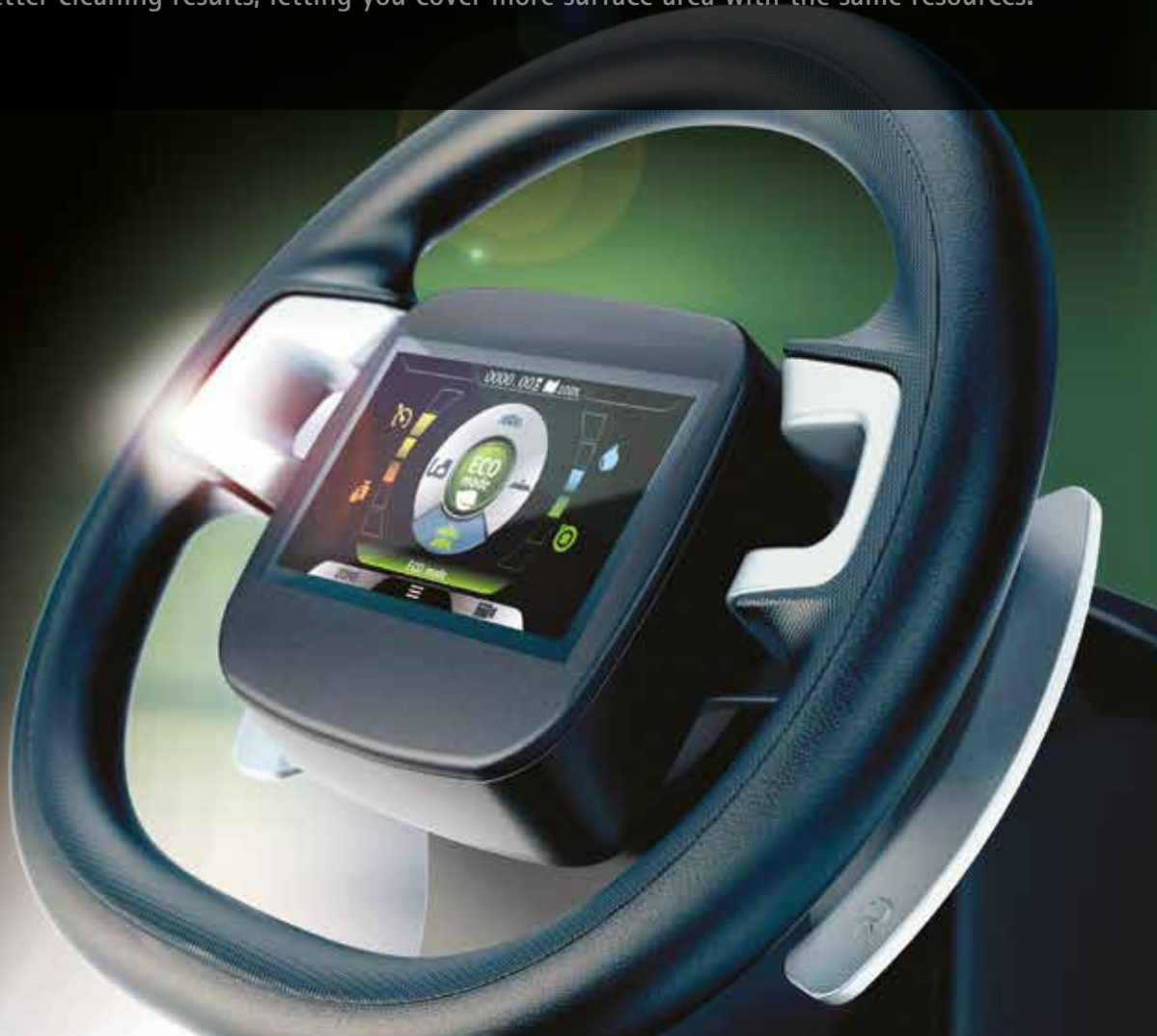
The Eco Mode function helps prevent water, detergent and energy consumption by using only the quantities you need and nothing more



START&STOP

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

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





WATER



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



FSS-FIMAP SOLUTION SAVER

Water and detergent quantities are separately dosed, reducing consumption by up to 50%



FWF-FIMAP WATER FLOW

Ensures uniform cleaning results across the entire working width on the first pass, optimising detergent solution consumption

ENERGY



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



NOISE LEVELS



FNC-FIMAP NOISE CANCELLING

Reduces sound pressure

*Saving calculated on a triple recycling cycle



DISC
with 2 disc brushes or
2 pad holders



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

A solution for any requirement

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



LIGHT



MEDIUM



HEAVY



ORBITAL
With pad

MMg

AVAILABLE IN 2 VERSIONS



Basic



PLUS

OPTIONALS AND ACCESSORIES

OPTIONALS



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



Front and rear LED headlights kit



On-board battery charger for quicker, more convenient charging

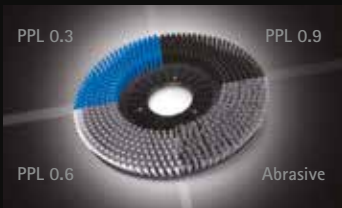


The third lateral brush increases cleaning performance along walls (available for MMg disc versions)



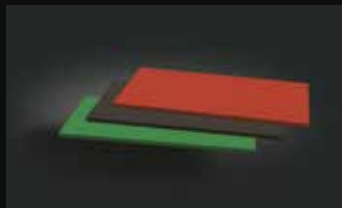
Rear/front super elastic wheels kit, for minimal vibration and increased comfort

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

44 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

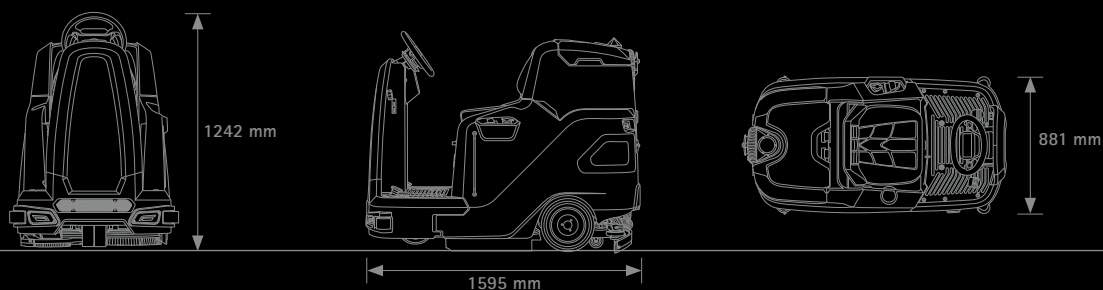
USER EXPERIENCE	MMg	MMg	MMg Cylindrical	MMg Cylindrical	MMg Orbital
		PLUS		PLUS	
iD-Intelligent Drive:	-	•	-	•	-
- 5 inch high resolution colour touch screen	-	•	-	•	-
- Log-in with password	-	•	-	•	-
- "ZONE" program	-	•	-	•	-
- Cruise control	-	•	-	•	-
- Eco Mode	-	•	-	•	-
- Power Mode	-	•	-	•	-
- Rear view camera	-	•	-	•	-
- Anti-collision system	-	•	-	•	-
- Video tutorials	-	•	-	•	-
- User manuals	-	•	-	•	-
COMFORT	COMFORT				
Hour meter	•	•	•	•	•
Cleaning solution level indicator	•	•	•	•	•
Water and detergent empty tank lights	-	•	-	•	-
Battery charger	○	○	○	○	○
PRODUCTIVITY	PRODUCTIVITY				
Pressure adjustment	-	•	-	•	-
Extra pressure	•	-	•	-	•
Right scrubbing brush	○	○	-	○	-
2 side sweeping brushes	-	-	○	○	-
3 stage vacuum motor	-	•	-	•	-
FFM (Fimap Fleet Management)	○	○	○	○	○
SAFETY	SAFETY				
Blinking light	•	•	•	•	•
Driving LED light pack kit (front - rear)	○	-	○	-	○
Driving (front - rear) and service LED light pack kit	-	•	-	•	-
Super elastic wheels kit (front - rear)	○	○	•	•	○
Ramp up	•	•	•	•	•
Stop&Go	•	•	•	•	•
Descent control	•	•	•	•	•
ESC (Electronic Stability Control)	•	•	•	•	•
Emergency Stop	•	•	•	•	•
ENVIRONMENT	ENVIRONMENT				
FSS (Fimap Solution Saver)	-	○	-	-	-
FLR (Fimap Long Range)	○	-	○	-	○
FNC (Fimap Noise Cancelling)	•	-	•	-	•
FES (Fimap Energy Saver)	•	•	•	•	•
FWF (Fimap Water Flow)	•	•	-	-	-
Start&Stop	•	•	•	•	•

• STANDARD

○ UPON REQUEST

- NOT AVAILABLE

DIMENSIONS AND TECHNICAL DATA



TECHNICAL DATA		MMg / Plus	MMg Cylindrical / Plus	MMg Orbital
Working width	mm	750	650	750
Working width with side brushes	(no.) mm	(1) 850	(2) 1000	-
Squeegee width	mm	900	900	900
Disc brushes Ø	(no.) mm	(2) 385	-	-
Cylindrical brushes Ø	(no.) mm	-	(2) 180x656	-
Rectangular pad	mm	-	-	711x355
Oscillations per minute	no.	-	-	3,000
Side brushes Ø	(no.) mm	(1) 260	(2) 330	-
Solution tank	l	110	110	110
Recovery tank	l	110	110	110
Supply/Traction	V	24/aut.	24/aut.	24/aut.
Acoustic level (ISO 11201)	dB (A)	62	62	62
Brush motors	(no.) V/W	(2) 720	(2) 600	(1) 600
Suction motor	V/W	24/410-24/560	24/410-24/560	24/410
Suction vacuum	mbar	120/150	120/150	120
Traction motor	V/W	24/600	24/600	24/600
Brush rpm (central / side)	rpm	140 / 150	550 / 65	-
Brush pressure	kg	35÷100	30÷60	30÷70
Forward speed	km/h	0÷8	0÷8	0÷8
Minimum aisle turn	mm	1950	1950	1950
Gradeability (Working / Transport at gross weight / Transport at net weight)	%	7 /14 / 18	7 /14 / 18	7 /14 / 18
Batteries	(no.) V/Ah C5	(2) 12/150 (4) 6/210	(2) 12/150 (4) 6/210	(2) 12/150 (4) 6/210
Batteries weight	kg	80-140	80-140	80-140
Working capacity	up to sqm/h	4500	5000	4500
Battery compartment dimensions (L x h x w)	mm	386 x 290 x 524	386 x 290 x 524	386 x 290 x 524

FIMAP LIFE

Your best investment in cleaning

The service package that gives you more of what you need for less than you think!
We want you to deal only with your work, leave everything else to Fimap Life!

FIMAP INTELLIGENCE



Using powerful software, unique of its kind, and on-site advice, Fimap supports you in choosing the ideal model and its optimum configuration, according to the type of environment to be cleaned and your requirements.

FIMAP FINANCE



Fimap offers various financial solutions that can be adapted perfectly to your business.

FIMAP MAINTENANCE



With Fimap Maintenance will not have to worry about maintenance of the product: your Fimap machines will always be as new and ready for use. Choose from the three Service Packs offered - Light, Smart or Full - to suit the needs of your job.

FIMAP FLEET MANAGEMENT



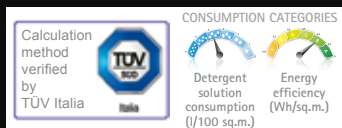
An online software collects the data sent by the machines and transforms it into valuable information that will help you dramatically improve the quality of the service offered. In this way you can optimize the use of your fleet taking into account the actual availability and eliminate wasted time.

FIMAP NETWORK



Fimap is always there for you: our global network of certified dealers guarantees a rapid response support service, wherever you are.


CERTIFICATIONS



For any additional information or for a demo please contact your usual Fimap dealer

 **FIMAP**[®]
www.fimap.com

FIMAP spa – Via Invalidi del Lavoro, 1 – 37059 S. Maria di Zevio – Verona – Italy
Tel. +39 045 6060411 – Fax +39 045 6060417 – E-mail: fimap@fimap.com

 00800-05070000



Scan the QR Code
with your Smart Phone
and visit our web-site