

# MaXima



**MADE TO LAST**

 **FIMAP®**

# MaXima



## A sturdy construction made with the best components and shaped in a striking design

Every detail is meant to improve ergonomics, simplicity and comfort during use. The outline protects the machine and keeps reliability high over time. At its core, innovation and technology

provide the best performance and power, ensuring high cleaning quality and efficiency. A new instrument panel makes you feel all the technology inside, totally changing the user experience.

# MaXima



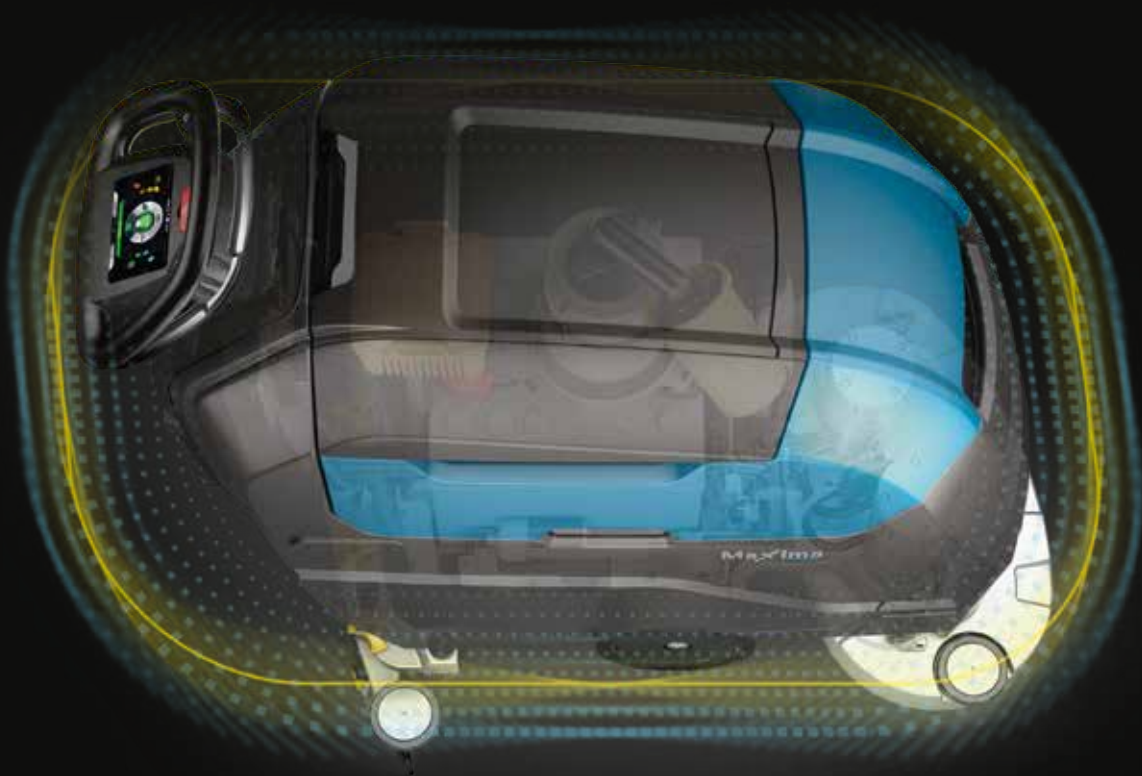
Maxima



# MaXima

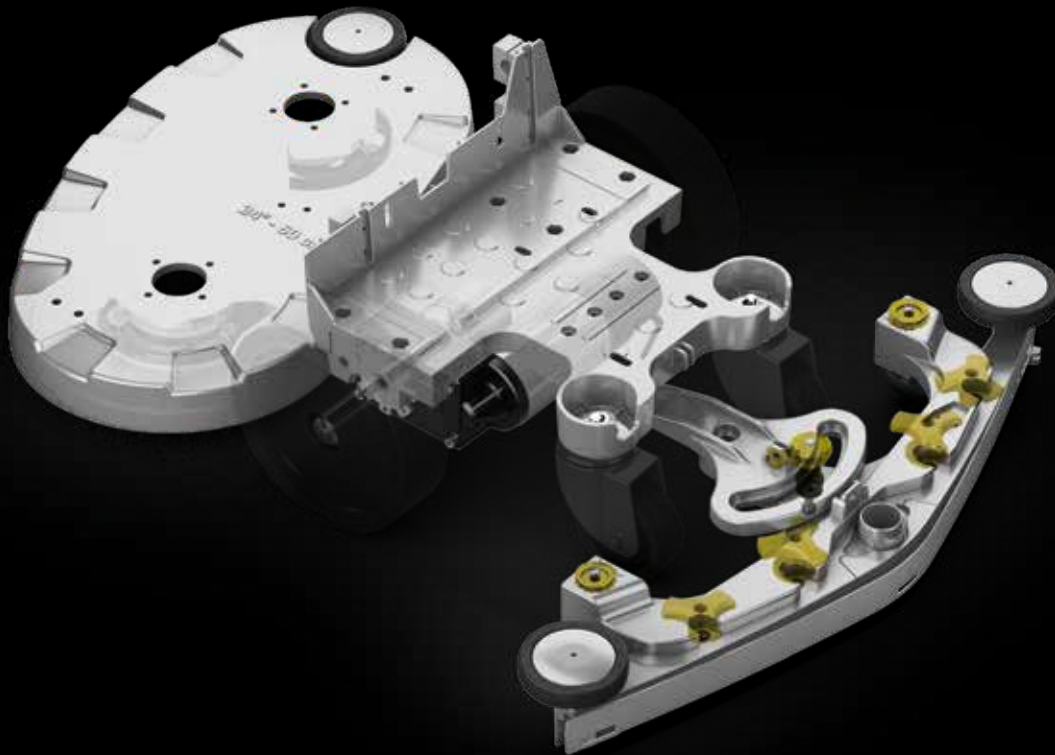
## REDUCE THE TOTAL COST OF OWNERSHIP

The outer body surrounds the machine internal structure and mechanical parts, protecting them from accidental impact



Polyethylene makes the machine sturdy and shockproof

The sturdy design reduces breakdowns,  
extends the machine lifetime and helps you save time and money




Aluminum increases machine reliability

# MaXima

## SAVE TIME AND REDUCE COST TO CLEAN



**QUIET OPERATION IN OPENING HOURS**  
The Eco Mode and FNC technologies lower the noise level, safeguarding the health of the operator and of the people nearby

**EASY MAINTENANCE - COLOR 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



**FFF – FIMAP FAST FILL**  
Automatic system for filling the fresh water tank, lets the operator perform other activities while the tank quickly fills up



### ACCESSORY STORAGE COMPARTMENT

The operator can work in absolute tranquility in the knowledge that when he needs them, all the accessories are close at hand, and once finished with, these can easily be placed back in their compartment, allowing the cleaning operation to proceed without long interruptions and wasted time.



## Comfort and ease of use speed up cleaning operations

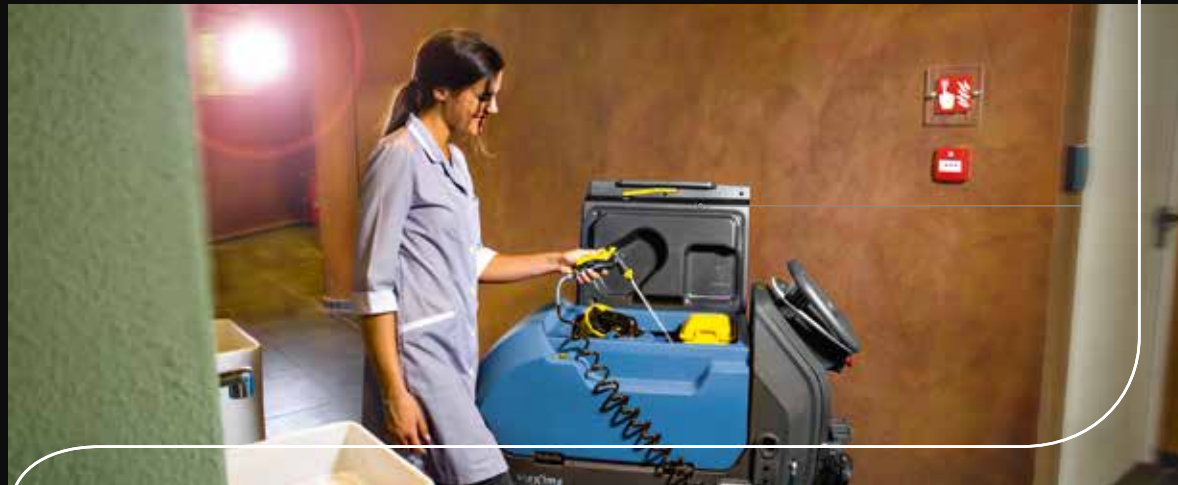


### NO TRAINING

On-board machine instructions and intuitive instrument panel ensure easy and safe operation, without training

### EASY MAINTENANCE

Spray gun for quick and easy cleaning of the recovery tank



# MaXima

## IMPROVE YOUR FACILITY IMAGE



### POWER MODE

Perfect cleaning is guaranteed in one pass

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





## Further solutions to increase productivity



### Consistent cleaning results

Pressure on the brushes is kept constant, delivering consistent high cleaning results on any type of flooring



### No risk of slipping

The powerful 3-stage vacuum motor leaves the floor immediately dry and safe



### Reduce downtimes

The largest tanks in its class: less stops to fill/empty the tanks



### FLR-FIMAP LONG RANGE

Increases productivity by up to 70%

### Great autonomy

Work for up to 4 hours non-stop



### VACUUM WAND

Vacuum wand allows to clean areas that are out of reach of the machine and successfully fulfill the task



## SAFETY SYSTEMS FOR ACCIDENT-FREE CLEANING

### ACTIVE TECHNOLOGIES to prevent accidents



Enhances visibility in dim light

TOUCH SCREEN  
DISPLAY



Control device letting the operator  
set the required speed

CRUISE  
CONTROL



Is automatically operated  
when the machine stops.  
It works as a safety parking brake

ELECTROBRAKE



For a fast operator training and reduced cost to clean

VIDEO  
TUTORIALS



Maximize work safety in all conditions

LED HEADLIGHTS



They protect the operator, the people nearby and the environment



### 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



EMERGENCY  
STOP

By pressing a single button the machine stops immediately

# MaXima

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



iD-intelligent Drive



TOUCH SCREEN  
DISPLAY



LOG-IN WITH  
PASSWORD



ZONE PROGRAMS



CRUISE  
CONTROL



SUSTAINABLE  
CLEANING



SEVERE  
CLEANING



VIDEO  
TUTORIALS



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



**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!



My.Machine



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

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 machines and transforms it into valuable information accessible to you easily in real time, 24/7, from your smartphone, through the app My.Machine.

Being constantly connected to your machines will help you operate them even more efficiently and effectively. My.Machine lets you know where the machines are, if the

operation is being carried out according to plans and at the scheduled time.

The machines health status is constantly monitored. In the very unlikely event of a breakdown, you'll receive an alert notification directly on your smartphone, allowing you to take action promptly and immediately call the technical support.

You can check the battery conditions and the quality of the charges in order to optimize battery endurance and life cycle.



Watch the video



FIMAP FLEET MANAGEMENT



## GEOLOCALISATION

You know where your machines are



## USAGE INFORMATION

You know how your machines are used



## HEALTH STATUS

You know the health status of machines and batteries



## ENVIRONMENTAL IMPACT

You can check the machine consumption per intervention

# Maxima

## SAVE RESOURCES

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

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 when the operator presence control is operated.

\*Suction is not turned off automatically in E versions. In basic and Pro versions suction turns off when the squeegee is lifted up



START&STOP



# Sustainable solutions to protect the environment

## 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

### Choose your machine



DISC  
with 1 disc brush  
or 1 pad holder



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



LIGHT



MEDIUM



HEAVY



# Maxima

Build your own machine:  
create the perfect combination of tools that suits your  
requirements

Choose the instrument panel



Basic



**PRO**

Membrane  
control panel



**PLUS**



Touch-screen  
display

# OPTIONALS AND ACCESSORIES

## OPTIONALS



Vacuum wand



Spray gun



FFF-FIMAP FAST FILL



FFM-FIMAP FLEET MANAGEMENT



Front driving LED headlights



FSS-FIMAP SOLUTION SAVER



Battery charger on board



Squeegee holder accessory

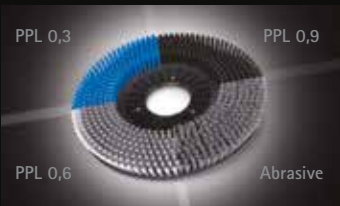


FLR-FIMAP LONG RANGE



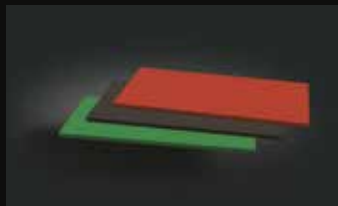
Supersoft Wheels

## 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	SINGLE DISC				DUAL DISC				CYLINDRICAL			ORBITAL		
	50 E	50 B/Bt	50 Bt Pro	50 Bt Plus	60 E	60 Bt	60 Bt Pro	60 Bt Plus	50 Bts	50 Bts Pro	50 Bts Plus	50 Bto	50 Bto Pro	50 Bto Plus
iD-Intelligent Drive:	-	-	-	•	-	-	-	•	-	-	•	-	-	•
- 5 inch high resolution colour touch screen	-	-	-	•	-	-	-	•	-	-	•	-	-	•
- Log-in with password	-	-	-	•	-	-	-	•	-	-	•	-	-	•
- Zone programs	-	-	•	•	-	-	•	•	-	•	•	-	•	•
- Cruise control	-	-	•	•	-	-	•	•	-	•	•	-	•	•
- Eco Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•
- Power Mode	-	-	-	•	-	-	-	•	-	-	•	-	-	•
- Video tutorials	-	-	-	•	-	-	-	•	-	-	•	-	-	•
Membrane control panel	-	-	•	-	-	-	•	-	-	•	-	-	•	-
<b>COMFORT</b>														
Hour meter	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cleaning solution level indicator	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fresh water empty tank light	-	-	-	•	-	-	-	•	-	-	•	-	-	•
Battery charger	-	○	○	○	-	○	○	○	○	○	○	○	○	○
Automatic brush coupling/uncoupling	-	-/•	•	•	-	-	-	-	-	-	-	-	-	-
Brush and squeegee actuator	-	-	-	•	-	-	-	•	-	-	•	-	-	•
Brush head actuator	-	-	•	-	-	-	•	-	-	•	-	-	•	-
Brush head manual lifting	•	•	-	-	•	•	-	-	•	-	-	•	-	-
Squeegee manual lifting	•	•	•	-	•	•	•	-	•	•	-	•	•	-
Vacuum wand with 3 stage motor*	-	-	○	○	-	-	○	○	-	○	○	-	○	○
Spray gun*	-	-	○	○	-	-	○	○	-	○	○	-	○	○
Squeegee holder accessory	-	-	○	○	-	-	○	○	-	○	○	-	○	○
FFF (Fimap Fast Fill)	-	-	○	○	-	-	○	○	-	○	○	-	○	○
Noiseless suction	-	-	•	-	-	-	•	-	-	•	-	-	•	-
<b>PRODUCTIVITY</b>														
Water flow selector	-	-	•	•	-	-	•	•	-	•	•	-	•	•
Triple pressure selector	-	-	-	•	-	-	-	•	-	-	•	-	-	•
Double pressure	•	•	•	-	•	•	•	-	•	•	-	•	•	-
FFM (Fimap Fleet Management) with SOS device	-	○	○	○	-	○	○	○	○	○	○	○	○	○
Frame, squeegee and squeegee support in aluminum	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Vacuum speed selector	-	-	-	•	-	-	-	•	-	-	•	-	-	•
<b>SAFETY</b>														
Driving LED headlights (front)	-	○	○	•	-	○	○	•	○	○	•	○	○	•
Emergency Stop	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Supersoft wheels	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Electro parking brake	-	-/•	•	•	-	•	•	•	•	•	•	•	•	•
<b>ENVIRONMENT</b>														
FSS (Fimap Solution Saver)**	-	-	○	○	-	-	○	○	-	○	○	-	○	○
FLR (Fimap Long Range)**	-	-	○	○	-	-	○	○	-	○	○	-	○	○
FNC (Fimap Noise Canceling)	•	•	-	-	•	•	-	-	•	-	-	•	-	-
FES (Fimap Energy Saver)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FWF (Fimap Water Flow)	-	-	-	-	•	•	•	•	-	-	-	-	-	-
Start&Stop	•	•	•	•	•	•	•	•	•	•	•	•	•	•

\* In PRO versions the two devices cannot be installed together

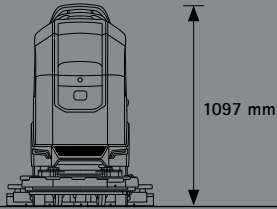
\*\* The two devices cannot be installed together

• STANDARD

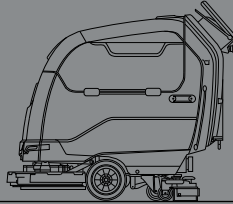
○ UPON REQUEST

- NOT AVAILABLE

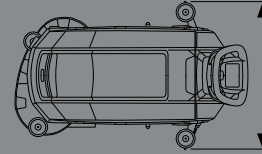
# DIMENSIONS AND TECHNICAL DATA



1097 mm



50 E/B/Bt: 1299 mm  
50 Bto: 1240 mm  
50 Bts: 1277 mm  
60 E/Bt: 1268 mm



50 E/B/Bt/Bto: 712 mm  
50 Bts/60 E/Bt: 785 mm

TECHNICAL DATA - Maxima		SINGLE DISC				DUAL DISC				CYLINDRICAL			ORBITAL				
		50 E	50 B/Bt	50 Bt Pro	50 Bt Plus	60 E	60 Bt	60 Bt Pro	60 Bt Plus	50 Bts	50 Bts Pro	50 Bts Plus	50 Bto	50 Bto Pro	50 Bto Plus		
Productivity theoretical	up to sqm/h	-	-/1887	1887	-	2239			1776			1887					
Estimated coverage	up to sqm/h	1275				1513				1200			1275				
<b>SCRUBBING SYSTEM</b>																	
Working width	mm	510				605				480			510				
Brush motors	(no.) V/W	(1) 230/375	(1) 24/500			(2) 230/375	(2) 24/500			(2) 24/350			(1) 24/680				
Brush rpm	rpm	140							600			-					
Oscillations	rpm	-							2000			-					
Brush pressure (min - max)	kg	21	21÷36	21÷45	27	26÷36	26÷45	25÷28	25÷35	28÷36	28÷45						
<b>TANK AND RECOVERY SYSTEM</b>																	
Solution tank	l	53							55								
Recovery tank	l	55							24/422			24/680					
Suction motor	V/W	230/450	24/422			230/450	24/422			24/680			24/680				
Vacuum water lift	mbar	123	121			123	121			121			121				
3-stage vacuum motor (for vacuum wand)	V/W	-	24/680			-	24/680			-	24/680			-	24/680		
Vacuum water lift (3-stage motor)	mbar	-	181			-	181			-	181			-	181		
Detergent tank capacity (FSS)	l	-	3			-	3			-	3			-	3		
Maximum volume of the debris hopper	l	-							3,6			-					
<b>BATTERY SYSTEM</b>																	
Supply/traction	V/Hz	230/50	24/semi aut./aut.	24/aut.	230/50	24/aut.											
Batteries	(no.) V/Ah C5	-	(2) 12/105 GEL (2) 12/110 WET			-	(2) 12/105 GEL (2) 12/110 WET										
Battery run time*	up to h	-	4,6/3,9	3,2	-	3,4	3,2	2,8	2,2	3	3,2						
<b>PROPELLING SYSTEM</b>																	
Forward working speed	km/h	3,5							4,9			3,5					
Transport speed	km/h	3,5	3,5/4,9	4,9	3,5	4,9											
Traction motor	V/W	-	(1) 24/180			-	(1) 24/180										
<b>SPECIFICATIONS</b>																	
Machine dimensions (L x h x w)	mm	1299 1097 558				1268 1097 641				1277 1097 567			1240 1097 547				
Squeegee width	mm	712				785				712			712				
Machine weight empty without batteries	kg	100	105/112	105	110	122	129	122	129	119	122						
Machine weight empty with batteries	kg	-	183/190	183	-	200	207	200	207	197	200						
GVW (Gross Vehicle Weight)	kg	154	239/246	247	164	256	271	260	275	253	264						
Sound level (ISO 11201)	dB (A)	66,8															
Sound level (ISO 11201) - Eco Mode	dB (A)	60,2															

\* Run times are based on continuous scrubbing run times

# 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



Fimap Fleet Management (FFM) service transforms the data received from the machines into information that is essential to improve the performance and productivity of the fleet. Through the app My.Machine it provides a comprehensive overview of the machines in use, helping you to reduce costs and optimize cleaning times.

## FIMAP NETWORK



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

## FIMAP ACADEMY



In a market that is becoming more and more competitive, Fimap offers a new support service for cleaning contractors, a growth opportunity for the professionals of today and tomorrow. This dedicated training program addresses various subjects that are relevant for the daily requirements of customers.

### CERTIFICATIONS



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



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