

FSR



Fimap reinvents the sweeping machine!

 **FIMAP®**

The autonomy of the gasoline engine meets the clean energy of the battery power



Up to 7.5 non-stop working hours



Very low consumptions and great autonomy: up to 40,000 sq. m. with a full tank of gasoline



Very silent, 60,5 dB (A)*



More than 4 hours with zero emissions when electrically powered



Up to 69% CO₂ reduction



Dramatic time reduction for battery charge



Possibility to work indoors and outdoors with great versatility



High reliability



Low maintenance costs



FSR B Hybrid



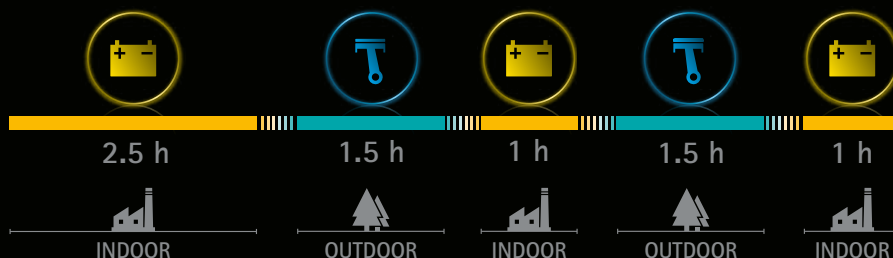
IT NEVER STOPS!

Thanks to Hybrid technology it can work for 7.5 hours non-stop

The Hybrid system used by FSR combines a gasoline motor with low resistance batteries allowing to work for 7.5 hours non-stop with only 3.5 gasoline litres!

While FSR is powered by the gasoline motor, batteries are recharged: in this way, just turning the key, you can switch from gasoline to battery supply to work in a silent, economic, and ecologic way.

HYBRID
Work cycle



Thanks to Hybrid combined power supply FSR can be used outdoors and indoors, choosing the gasoline motor for outdoor cleaning and the silence and emission free power of the electrical motor for indoor cleaning.





FSR. Our idea of sweeping machine!



DESIGN

COMPACT

FSR is suitable for small and cluttered areas, since it is compact, manouvrable and can easily go around obstacles.



CLOTH FILTER

PANEL FILTER



DESIGN

SIMPLE

The 65 liters debris hopper is very easy to remove and empty, with no efforts



ENVIRONMENT

VERSATILE

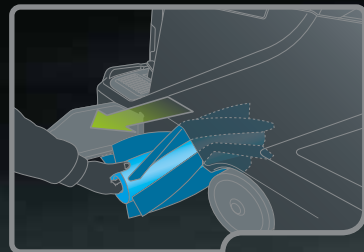
FSR is available with panel filter, for standard operations, or with cloth filter to achieve excellent filtering results also in environments with high presence of very fine dust



MAINTENANCE

SIMPLE

The central brush can be taken off without any tools





USER-FRIENDLY
Enjoy the pleasure to have everything under control thanks to the steering wheel engineered to offer ergonomics and an easy drive without distractions.
The machine design ensures full visibility during work and makes the interaction with the machine comfortable and gratifying.

FSR B



DESIGN

COMFORTABLE

The lowered footboard and the access from both sides make it very comfortable: the operator can easily sit without any efforts.



ERGONOMICS



SAFETY



Clever solutions for safety working

EMERGENCY STOP

The machine immediately stops, just by pressing a single button

SAFETY BRAKE

The machine immediately stops when the pedal is released

Head lights with LED technology with low consumption
that are clearly visible also during daytime



ENVIRONMENT

Up to 45% of energy saved
thanks to START&STOP technology
that stops the brushes and the vacuum when the
machine is not operating or is in idle position



The 95% of FSR is recyclable



LONGER LIFE FOR COMPONENTS AND REDUCED MAINTENANCE COSTS

The frame and all components are completely protected inside the
external body, to avoid damages due to accidental impacts and
consequent extra repairing costs.



FSR B	FSR Hybrid
Electronic control panel with diagnostics	Electronic control panel with diagnostics
Batteries supply	Endothermic motor and batteries supply
Non-marking wheels	Pneumatic wheels
Panel filter	Panel filter
Machine cover	Machine cover
Optional accessories	
Cloth filter	
On board battery charger (only for FSR B)	
Blinking kit	
Moquette brush	



4 h



INDOOR

FSR B.
Silent productivity:
 you can work indoors for 4 hours
 non-stop making no noise

PRODUCTIVITY

It is ideal for cleaning carpeted surfaces you can find in airports, hotels or convention centers, by using the special brush. The surface is thoroughly cleaned while dust and dirt are removed and retained by the large size filter



TECHNICAL DATA		FSR B	FSR Hybrid
Working width with central brush	mm	600	
Working width with side brushes	mm	1000	
Number of side brushes/Ø	mm	1-2/400	
Power supply	V/traction	24/aut.	
Batteries	(n.) V/Ah	12/112 (2)	12/55 (2)
Forward speed	km/h	5,5	
Central brush motor	V/W	24/380	
Side brush motor	V/W	24/90	
Traction motor	V/W	24/300	

TECHNICAL DATA		FSR B	FSR Hybrid
Filter shaker motor	V/W	24/80	
Combustion engine	HP	-	5,5
Debris hopper capacity	l	65	
Rear-mounted hopper		•	
Type of dumping system		Manual	
Panel filter surface	m²	3,2	
Working capacity	up to sq.m./h	4500	
Battery compartment dimensions L x h x w	mm	340x310x174	270x240x360
Machine dimensions L x h x w	mm	1455x1030x845	
Machine weight (without batteries)	Kg	175,3	-
Machine weight (with batteries)	Kg	248,3	249,5

SERVICES

CONSULTING AND PLANNING



SETUP



AUTHORIZED WORKSHOP NETWORK



CONFIGURATION



TRAINING COURSES



MAINTENANCE AND REPAIR



FINANCIAL SOLUTIONS



DIGITAL FLEET MANAGEMENT SYSTEM



GENUINE SPARE PARTS



CERTIFICATIONS



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

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