



OUTDOOR Line

# ARIAMATIC 240

The human side of cleaning







## ARIAMATIC 240

# The urban litter vacuum of the future.

We have always wondered how we can make the cleaning of public spaces more efficient and user friendly. The use of equipment to do these tasks should increase productivity while reducing strain on the operator.

This is why we developed Follow Me, the innovative autonomous driving system for the Aria 240 product. When turned on, Follow Me system is able to identify and track the operator, allowing the machine to follow him/her in total safety and even in crowded areas.

When equipped with the Follow Me system, the Aria 240 electric vacuum cleaner evolves into the Ariamatic 240, the first and only self-driving street vacuum cleaner in the world.



### Applications

PROFESSIONAL CLEANING	● ● ● ● ●
RETAIL & GDO	● ● ● ● ●
INDUSTRIAL SECTOR	● ● ● ● ●
HEALTH	● ● ● ● ●
PUBLIC	● ● ● ● ●

WELLNESS AND SPORTS	● ● ● ● ●
TOURISM SECTOR	● ● ● ● ●
HO.RE.CA	● ● ● ● ●
AUTOMOTIVE	● ● ● ● ●
TRANSPORT	● ● ● ● ●



# HOW IT WORKS



**HOPPER  
CAPACITY**  
240 l



**FILTER  
CLEANING**  
manuale



**WORKING  
TIME**  
> 10 h

## Safety devices

Fire extinguisher, horn, reverse buzzer, reflectors, parking brake, automatic stop when hopper opened.

## Ergonomic joystick

Fingertip access to Turbo fan, horn and liquid spray controls.

## Liquid spray function

To remove dust, deodorize, disinfect and put out lit cigarette butts.

## Tool kit

Lockable glove compartment for phone & wallet. With broom, litter picker and bucket for large size waste items.

## Liquid tank

30 Litre liquid tank to hold sanitizer for spray system.

## Bag holder

Integrated bag compartment to ensure continuous cleaning capabilities during the day.

## Scratch-proof floor

Made of stainless steel it resists wear & tear over time.

## On board battery charger

To recharge batteries wherever you are.



Maintenance free battery

## Four wheels

4 large and equally sized wheels reduce tipping risk, allow for "off-road" and curb climbing capabilities.

## Controlled steering

The manual control can be folded out of the way when Follow Me is in use.

## Led front lights

For high visibility during night shifts.

## Detection sensors

To avoid fixed and moving obstacles.

## Ultra light hose

made of carbon fiber without weighing you down.

## Spray system

Is activated by the joystick and is used to put out lit cigarette butts and sanitize.



## A perfect combination of cleaning and sanitization.

The 30 litre on-board liquid tank is capable of holding any type of cleaning or sanitizing product. This tank feeds a double nozzle spray system: the first nozzle is at the tip of the suction pipe, and the second is located inside the collection bin.

The suction pipe nozzle allows you to put out lit cigarette butts or sanitize a surface after vacuuming animal waste, while the second nozzle helps to avoid combustion inside the bin, reduces dust and deodorizes.



## More clean air for you too.

The vertical filter retains PM10 fine particles and releases purified air into the atmosphere. Its vertical position allows for the use of the entire surface area, a big improvement over horizontal filters that are required to be rotated when clogged. With ARIAMATIC 240 you reduce maintenance inefficiencies and take advantage of long work sessions at maximum performance.







## Zero effort, zero worries.

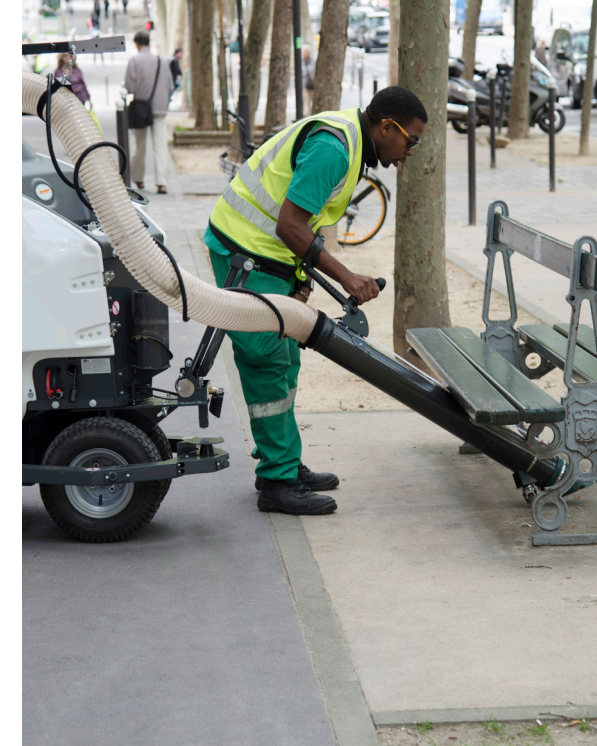
ARIAMATIC 240 guarantees high operator comfort and ease of operation, freeing you from manually positioning the machine. As the operator you will only have to focus your attention on finding areas to clean and only use your arms to direct the suction hose.



# ARIAMATIC 240 Super Outstanding performance.

ARIAMATIC 240 SUPER is equipped with a mechanical arm to support the weight of the suction tube and keep it extended in a straight line which facilitates the suction of larger items.

In addition, the innovative automatic cleaning system of the AIR BLAST filter will continually purge the filter to avoid clogging. With the supplied air gun, at the end of the day you can also finish cleaning the filter and the whole machine.



## Details make the difference.

The DRS system (Dirt Recognition System) warns you when to empty the collection bin once it reaches its maximum capacity, so you will have less waste of bags. In addition, with the Hydrojet system, you will have a pressurized water sprayer for sanitizing garden furniture, public benches or garbage cans.



## Benefits



Eliminates the effort to support the suction hose.



Eliminates blockages in the hose.



Eliminates contact with dust.



Eliminates the need for filter maintenance.

## How it works?

The AIR BLAST system works continuously until it is turned off. An air jet with a pressure of 8 bar is released inside the filter every 20 minutes, which removes any dirt deposited on its surface and then collected inside the bin itself.



## In harmony with the environment.

Thanks to its fully electric operation, the ARIAMATIC 240 is part of the Green Purchases with low environmental impact (GPP).

With zero emissions and low noise level you can work in crowded historic centres and pedestrian areas without disturbing the citizens. The unit can be used to carry out work safely at any time.



## DISCOVER THE OTHER MODELS OF THE ARIA RANGE



### ARIA 240

Fully electric street vacuum cleaner for the collection of urban or industrial waste.



## TECHNICAL DATA\*

<b>ARIAMATIC</b>		<b>240</b>	<b>240 Super</b>
Vacuum power	W	1500	1500
Filter cleaning	-	Manual	Automatic
Hose support	-	Meccanico	Mechanic
Working time	h	> 10	> 10
Supply	-	Battery	Battery
Traction	-	Electric	Electric
Total power	W	2700	2830
On board battery charger	A/h	40	40
Max battery capacity (Agm)	Ah/5	320 (274)	320 (274)
Maximum gradient	%	20	20
Maximum speed	Km/h	6	6
Steering range	mm	2600	2600
Vacuum hose length	mm	4100	4100
Vacuum hose Ø	mm	120	120
Hopper capacity	l	240	240
Nebulizers	n°	2	2
Twin front wheels	-	Si	Si
Filtering surface	m <sup>2</sup>	14	14
Filter type	-	Polyester cartridge	Polyester cartridge
Noise level	dB(A)	68	68
Machine dimensions (L x l x h)	mm	1835x975x1825	1835x975x1825
Weight without batteries	kg	375	380

\* TSM reserves the right to modify the products and the related technical data at any time and without notice.



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