

PERFORMANCES	SMART WIND
Hourly efficiency	9000/10.000 m ² /h
Working width with central brush	600 mm
Working width with 2 side brushes	1550 mm
Autonomy	6/8 h
Maximum speed	0-7 Km/h
Work climbing ability	22%
WASTE COLLECTION SYSTEM	
Hopper capacity + filter chamber	115+95 lt
Waste collection with standard plastic bag	Yes
Filter surface	4 m ²
Electric filter shaker	24 V
High dump	1570 mm
Suction hose (W - Ø)	3000 mm - 120 Ø
DUST CONTROL SYSTEM	
Water tank capacity	50 lt
Nozzles	n.2
Washing lance	7 bar
TECHNICAL DATA	
Motor power & Supply	24 V Lead-acid/Gel/AGM/Lithium Ion
Traction	Dual front wheel drive
Steering	Managed by a joystick
DIMENSIONS AND WEIGHT	
Dimensions	
Length	1945 mm
Width	1053 mm
Height	2093 mm
Steering range	2940 mm
Empty weight	660 Kg
Panoramic cab without doors weight	615 Kg
AGM 320 battery and charger weight	194 Kg
AGM 400 battery and charger weight	228 Kg
Lithium Ion battery and charger weight	119 Kg
Lead-Acid battery and charger weight	180 Kg



INNOVATIVE URBAN SWEEPER

SMART WIND is an innovative urban sweeper. 100% electric, it is equipped with a “steer by wire” steering system managed by a joystick which makes it extremely manoeuvrable.

Ecological and silent, this ride-on road sweeper improves the quality of life both of its operator and resident.

It is the ideal solution for cleaning urban areas.



INDUSTRY 4.0



FOR URBAN SPACES



100% ELECTRIC

Rivenditore autorizzato



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SMARTWIND



REAR CAMERA

The camera located in the upper rear part, in an area protected against possible impacts. From the screen, in the cabin, it is possible to monitor the peripheral areas, usually viewable only through the rear-view mirrors.



PANORAMIC CAB

SmartWind can be equipped with a panoramic cab with or without glazing and doors.



UNLOADING AT HEIGHT

The robust hydraulic system allows the entire collection unit to be raised to allow unloading directly into the container. It reaches 1500 mm from the ground. The waste level can be viewed by the camera.



DIRTY IN BAG

The 220 L waste container can be used with easily replaceable disposable bags. To simplify emptying the machine and protect the operator from contact with dust.



LED LIGHTS

For greater visibility, it is equipped with supplementary LED lights on the intel and brushes.



STEER BY WIRE

The "Stire by wire" steering system is controlled by an ergonomic joystick.



LEAF SUCTION HOSE AND WASHING LANCE

It is equipped with a 120 mm diameter suction hose to reach the most difficult location. The low-pressure washing lance for sanitising the street furniture.



ON-BOARD BATTERY CHARGER

Equipped with on-board single-phase charger.

RIDE-ON ROAD SWEEPERS FOR BOTH SMALL AND MEDIUM SIZE URBAN AREAS.



SIMPLE MAINTENANCE

The fairing is easily removed and it facilitates the ordinary maintenance operations also for not specialized operators.



RAISED FILTER WITH CYCLONE CHAMBER

The cyclonic filtering chamber has been developed to guarantee the lowest possible clogging of the filter and to allow it to work even in the presence of wet floors.



METAL FRAME

The MP-HT metal frame makes this sweeper extremely solid and able to absorb important stresses.



WORK IN SLOPE

The AC traction motor with low energy absorption does not steal power from the machine, able to operate even on sloping surfaces and steep ramps (20%).



EASY TO TRANSPORT

The small size allows SMART WIND to be transported even in small vans, avoiding the use of vehicles that require specific licenses.