

WIND ANT E4H



TIRELESS 100% ELECTRIC SWEEPING

WIND ANT E4H is an advanced ride-on sweeper designed to make ordinary cleaning work comfortable and enjoyable.

Despite its compact size, it is capable of effectively and accurately collect large amounts of debris and waste. This is possible thanks to the innovative collection system that combines a powerful suction with a conveyor belt, ensuring the full loading of the waste container.

It is a tireless and extraordinarily efficient sweeper that makes sweeping an effortless task for those who use it.



**100%
ELECTRIC**



**FOR WAREHOUSES
AND CORRIDORS**



METAL FRAME



**FOR HEAVY
WORK**

WIND ANT E4H



DIRTY IN BAG

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



STEERING VIA MOUSE ON ARMREST

Vehicle direction is controlled using a pointing device positioned on the armrest. The operator can move the mouse to steer the sweeper, providing precision and convenience.



COLLECTION WITH CONVEYOR BELT SYSTEM

Ensures the complete filling of the waste container of 270 litres. For bulky materials such as leaves, the capacity can be increased to 370 litres.



REAR WHEEL STEERING

Helps to maintain better control on uneven surfaces. It also reduces the turning radius, for more complex manoeuvres.



MONITOR CONTROLS

The LCD monitor allows you to set different work programs, control all the main functions of the machine, and includes a diagnostic section.



DUST CONTROL

The water nebulization system on the brushes prevents the lifting of dust during operation.



METAL FRAME

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



EASY TO TRANSPORT

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



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 (22%).



SIMPLE MAINTENANCE

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

SEE TO YOURSELF SIMPLICITY
OF USE OF WIND ANT

<https://www.youtube.com/watch?v=vDn6E-Pfjn4U&t=8s>



DETAILS FOR 360° CLEANING

New > DOUBLE SIDE SCRAPER BRUSHES

The double side scraping brushes effectively remove both bird guano and weeds along curbs and building edges.



SUCTION HOSE

The suction hose allows for the collection of debris in areas where the machine cannot reach. The enhanced suction fan enables the collection of large debris such as bottles and paper waste.



WASHING GUN

A low-pressure lance ideal for washing urban furniture. Additionally, it is useful for cleaning the sweeper at the end of the job, ensuring versatility and convenience in cleaning operations.



ECOLOGICAL



100% ELECTRIC

Conceived to be electric only, WIND ANT boasts greater energy efficiency due to the absence of hydraulic circuits. It reduces CO2 emissions and noise emissions.

BATTERIES

It is possible to install different types of battery packs: Lithium, AGM and lead acid. All low voltage 24 Volt. Easily accessible and rechargeable, they guarantee a working autonomy of about 6-8 hours.



CONTROL AND SAFETY FOR THE OPERATOR

New > MOUSE ON ARMREST

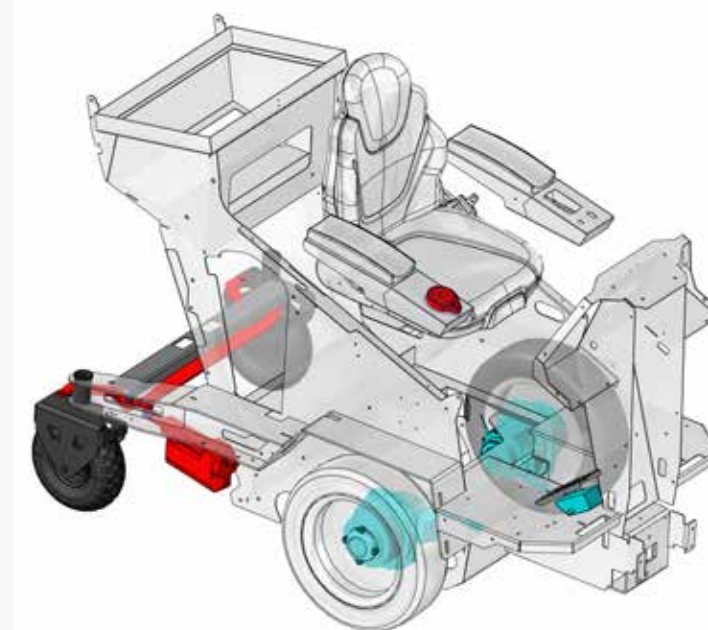
Forward movement is controlled via the right pedal, while steering is managed through the mouse on the armrest, providing precision and convenience, especially in tight spaces.

New > REAR WHEEL STEERING WITH ELECTRIC ACTUATOR

This steering system ensures better manoeuvrability, improved control on uneven or slippery surfaces, and reduces the turning radius, allowing the sweeper to move nimbly in tight spaces and perform complex manoeuvres with ease.

New > DUAL DRIVE TRACTION WITH TWO ASYNCHRONOUS REDUCER MOTORS

WIND ANT employs two independent motors to drive the traction wheels. These provide robustness and reliability, ensuring precise and powerful control of the sweeper on various surfaces.



TECHNOLOGY THAT IMPROVES AND SIMPLIFIES WORK

TOUCH SCREEN MONITOR

For an easy and intuitive user experience, the WIND ANT E4H features all controls accessible from the LCD monitor positioned at the front of the driver's seat, eliminating the need for levers.

New > INTELLIGENT ELECTRICAL SYSTEM CAN bus

The use of the CAN bus system in the electrical setup ensures simplified management and detailed diagnostics. It allows for fast and reliable communication between various components and facilitates the updating and integration of new devices.



LARGE CAPACITY AND COLLECTING ABILITY

The mechanical-aspirating collection system combines the action of the side brushes with a powerful turbine and a conveyor belt, ensuring complete loading of the waste container and maximum sweeping results.

Collection is achieved through the mechanical action of the side brushes (1), which channel dirt towards the central brush (2), directing it towards the conveyor belt loader (3). Optimized suction is provided by the powerful suction turbine (5) and panel dust filters (4), also available in HEPA.

New > LARGE 270 L WASTE CONTAINER

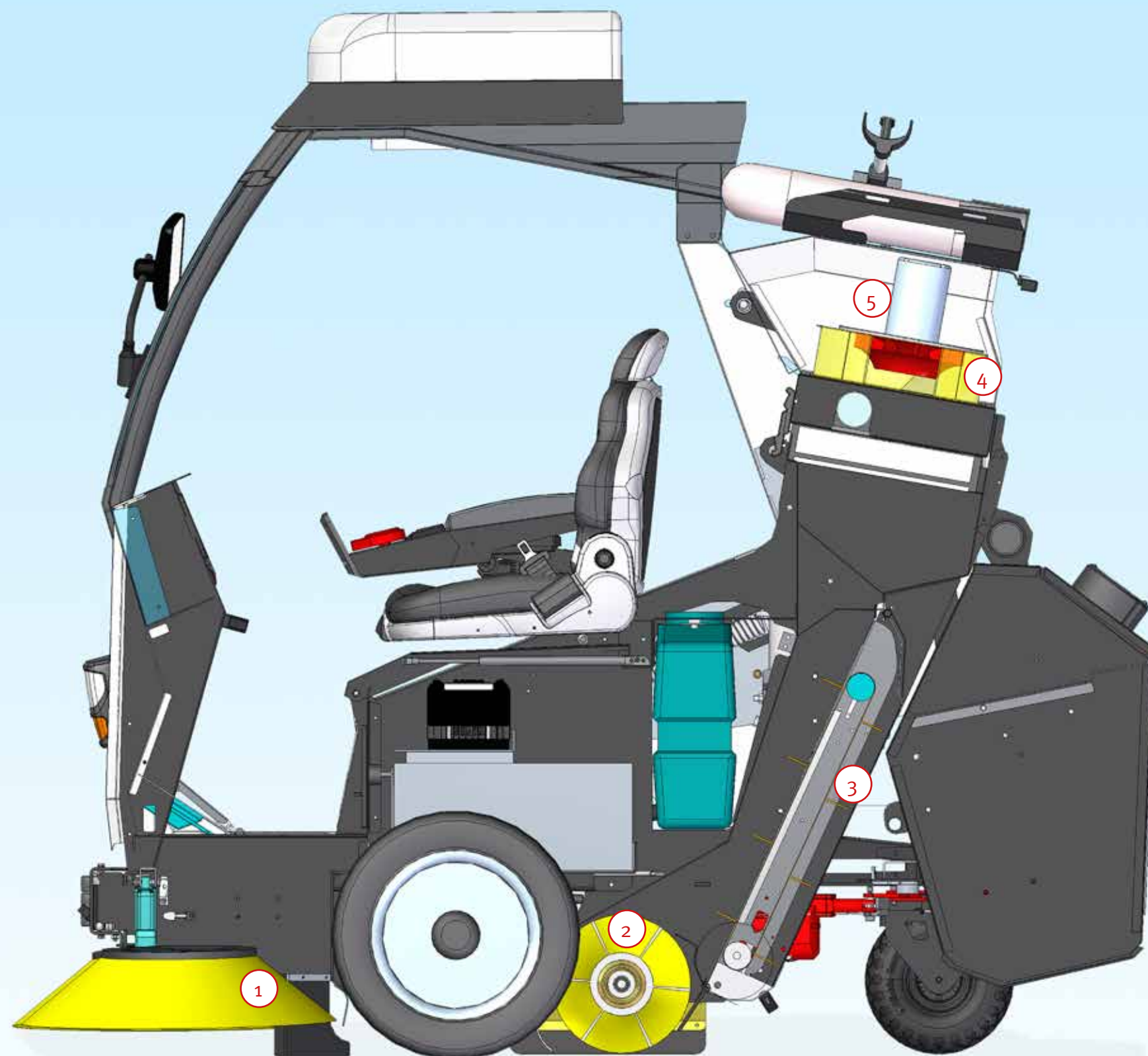
The waste container has a high capacity of 270 L, which, thanks to top loading, is completely filled.

For bulky materials such as leaves, the capacity can be increased to 370 L. Additionally, it is possible to collect dirt in a bag, preventing the dispersion of dust during emptying.

New > COLLECTION WITH CONVEYOR BELT

The conveyor belt collection system optimises the use of space in the waste container, improving collection capacity compared to traditional systems. Suitable for various types of waste, from fine dust to bulky items, this system is also easy to maintain: the conveyor cover can be easily removed for inspection and cleaning operations.

In summary, the conveyor belt collection increases operational efficiency, collection capacity, and makes the cleaning process more effective.



- | | |
|---|-----------------|
| 1 | SIDE BRUSHES |
| 2 | CENTRAL BRUSH |
| 3 | CONVEYOR BELT |
| 4 | DUST FILTER |
| 5 | SUCTION TURBINE |

PERFORMANCES	WIND ANT
Hourly efficiency	15.000 m ² /h
Working width with central brush	600 mm
Working width with 2 side brushes	1.550 mm
Autonomy	6/8 h
Maximum speed	0-12 km/h
Work climbing ability	22%
WASTE COLLECTION SYSTEM	
Hopper capacity	270 L
Waste collection with standard plastic bag	Yes
Filter surface	4 m ²
Electric filter shaker	24 V
High dump	1.570 mm
Suction hose (W - Ø)	3.000 mm - 120 Ø
Airflow rate of the suction hose system	1.000 m ³ /h, 24 m/s
DUST CONTROL SYSTEM	
Water tank capacity	50 L
Nozzles	n.2
Washing lance	7 bar
TECHNICAL DATA	
Motor power & Supply	24 V Lead-acid/Gel/AGM/lithium batteries
Traction	Dual Drive on front wheels, 2 x 1200 W
Steering	Controlled by a mouse on armrests
DIMENSIONS AND WEIGHT	
Dimensions	
Length	2.207 mm
Width	1.057 mm
Height - <i>without cabin</i>	2.056 mm
Height - <i>with cabin</i>	2.093 mm
Steering range (Ø)	3.400 mm
Empty weight	685 Kg
Weight of the cabin with front glass without doors	65 kg
Weight of the complete cabin with glass and doors	110 kg

The technical data are indicative and can be changed.