

D.zero²



STRENGTHS



ENVIRONMENT

*Zero CO₂ Emissions
Lower noise emissions*



PERFORMANCE

*The same sweeping
performance of the
traditional sweepers*



SAVINGS

*Less than 80% of
consumption (vs Diesel)
Less than 75% of
ordinary maintenance
costs*

ENVIRONMENT: Cleaning with no environmental impact



Zero CO₂ Emissions:

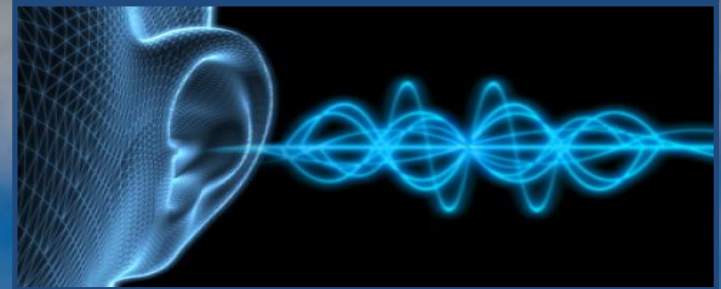
The new electric sweeper guarantees a zero CO₂ emissions in line with the philosophy of a **GREEN** world.



Lower Noise Emissions:

The new electric sweeper, thanks to its electric engine, guarantees a reduction in noise emissions.

The sound power is less than 10%



PERFORMANCE

Maximum cleaning performance 25200 m²/h

Maximum working speed 12 km/h

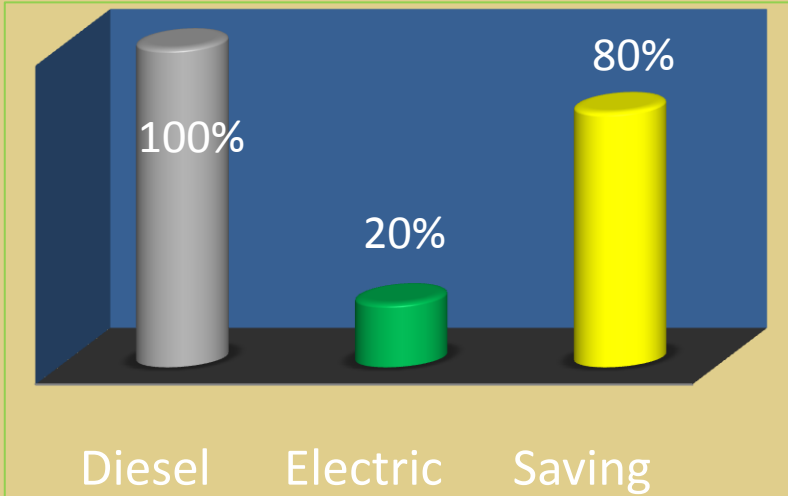
Optimal working speed 4 ÷ 6 km/h

Cleaning performance 12600 m²/h

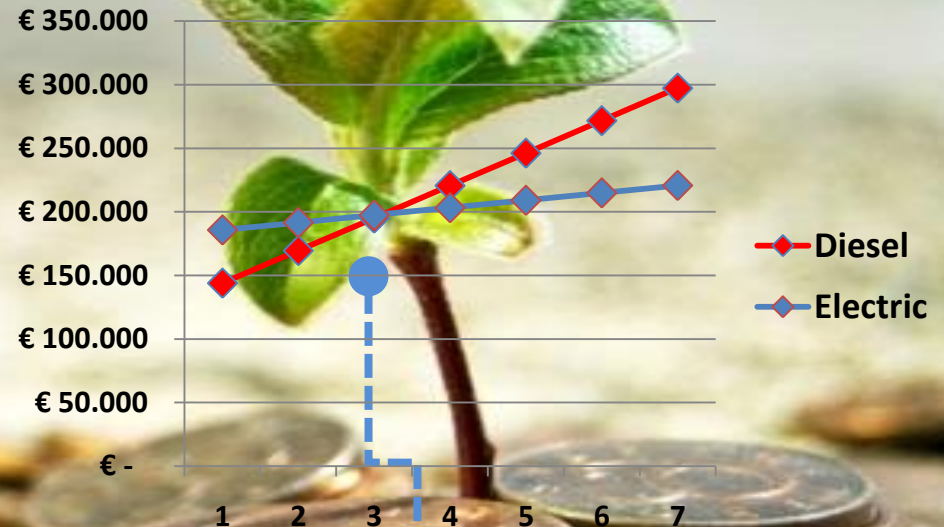


SAVING

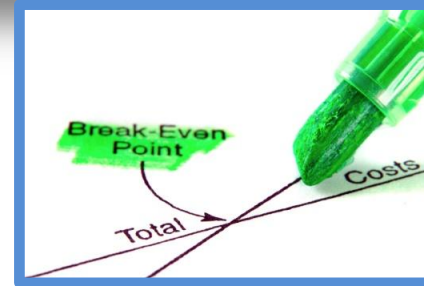
Fuel Consumption (Year)



* Total Cost Of Ownership (TCO)



*** Total Cost Of Ownership (TCO):**
Cost of the machine, fuel consumption or electricity and ordinary maintenance



SWEEPER DETAILS

CABIN

HOPPER

WATER
TANK

SWEEPING
SYSTEM

DUST
FILTRATION
SYSTEM

STEERING
SYSTEM



CABIN

Right-hand drive

Asymmetric cab

Adjustable wheel equipped with multifunction display

Operator's **comfort**



Electric adjustable mirrors
Electric air-conditioning system

Machine's **standard** equipment

Rear-view colour camera with vision in the cab

Improved **safety** during the unloading phase and sweeping phase



All the sweeping controls are positioned on the side armrest

Better **control** during the sweeping operations



SWEEPING SYSTEM

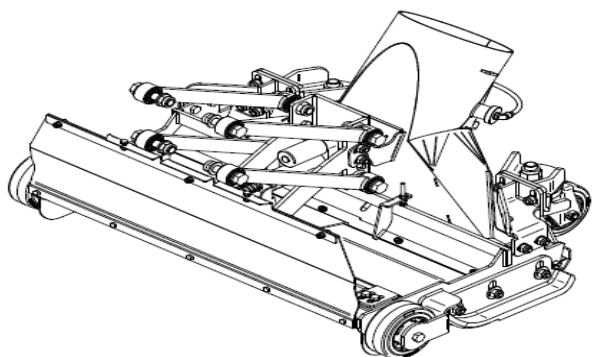
Suction turbine with adjustable flow situated in the lower part of the container

Noise reduction



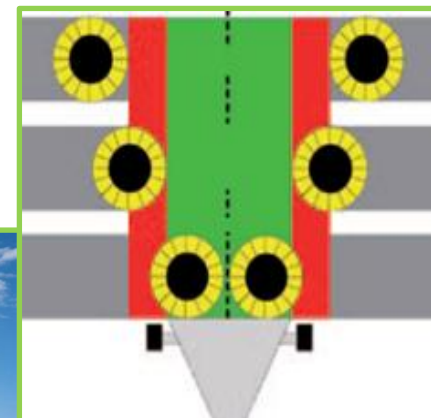
Patented suction mouth

Collection of **voluminous** material reducing the **manual opening** of the flap and the operator's fatigue



Brush Opening Adjustable up to 3,2m

Increased **sweeping width** and cleaning performance



DUST FILTRATION – Penta System

STEP 1 – Nozzles on brushes

STEP 2 - Nozzles on suction mouth

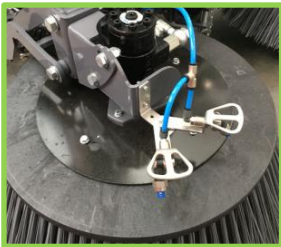
STEP 3 - Nozzles on suction hose

STEP 4 – Chain Filter

STEP 5 - Grid Filter



1



2



3



4



5



FILTRATION



Nozzles on brushes

Adjustable horizontally, vertically and with **internal protection filter**



Chain Filter

They block the passage of bulky material and prevent it from **clogging** in the filtration grid



Nozzles on the suction mouth and on the container's inlet

Filtration efficiency and reduced **clogging** of the hose



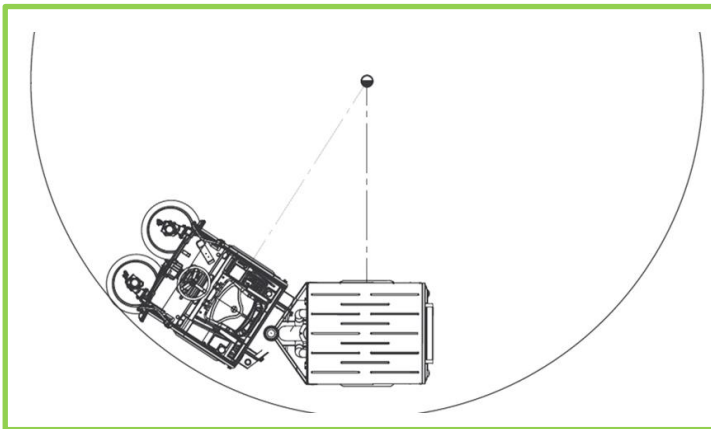
Grid Filter

Longevity - **STAINLESS STEEL**
2.5 m² filter surface

STEERING SYSTEM

CENTRAL JOINT

The new electric model, thanks to its size and maneuverability, perfectly manages to work in city centers and in places with small spaces, such as bike paths and pedestrian areas. Being an articulated road sweeper, the steering, through the central joint of the two semi-chassis, makes it easy to drive for complex maneuvers.



Steering radius Kerb to Kerb

3300 mm

Sweeping facilitated in roundabouts

Maneuverability

WATER TANK



Water tank

Longevity - Stainless steel

Capacity of **237l** of clean water

Water Recirculation System

Increased capacity of **180l**

Standard Equipment



HOPPER



Stainless Steel

AISI 304

Volume

2,1 m³

Dumping height

1.450 mm

Higher productivity

Lower transfer costs / dead times

**Ability to unloading into a large capacity
container**

Container longevity



MAINTENANCE

DULEVO TELEMATIC and remote battery monitoring system

Instant Service Diagnostics at the Service Point



AC asynchronous electric motors

Maintenance free



LED Lights Equipment

Maintenance free



Lithium batteries
(LiFe PO4)

Up to **3000** charge cycles

DULEVO EVERYWHERE

CITY



PORT



GREEN AREA



PARKING



KERB



Design & Technology for a CLEANER world

