

Electric Sweepers

Electra 2.0

The **Electra 2.0 Neo** is the first compact street sweeper in the world to be fully electrically powered. Harmonious and ergonomic, thanks to its extraordinary performance, to its quietness and compact size, is the ideal solution for cleaning city centers, pedestrian areas, cycle paths and in general both indoor and outdoor small and medium sized environments. Safe and smart, Electra 2.0 Nero is the machine that improves the quality of life for the citizens and for the operator.

- 100% Efficient and environmental friendly
- 100% electric
- Zero emissions
- Recyclable up to 92%
- Silent
- "Plug & Play – activated by gel, acid or lithium batteries
- Rechargeable anywhere
- 8-10 hours autonomy
- Reliable and powerful
- Intuitive
- Minimum maintenance and self diagnostics
- 3€ average charging cost

Electra 2.0 Neo Optional

- Adjustable electronic third brush
- High pressure washing system with rear gun 11 lt / min – 110 bar
- Suction hose
- LCD monitor with camera for rear view and nozzle view
- LCD monitor with camera for rear view
- Adjustable pneumatic seat
- Radial tires
- Rear parking sensors
- Lithium, gel or acid batteries
- Three-phase charger of 6.4 kW – 145 Ah (380 volts for lead-acid batteries)
- Three-phase charger (380 volts for lead-acid batteries) + Data Logger + 36 months warranty for batteries
- Three-phase charger of 7.2 kW at 160 Ah (380 volts for lithium batteries)
- Single-phase charger of 3 kW – 75 Ah (220 volts for lithium batteries)
- Double three-phase charger 15 kW – 160 + 160 Ah (380 volts for lithium batteries)
- Smart charger 10.5 Kw – 180 Ah – 400 V with data logger + 36 months warranty for acid batteries (380 volts for lead-acid batteries)
- VHF ready
- Spare wheel kit with jack
- Customisable paint
- Centralised environmental friendly, efficient and economic greasing system



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Technical Specifications

DIMENSIONS

Length mm 3.750
Width mm 1.200
Height mm 2.000
Wheel base mm 1.680

WEIGHT Lithium Acid

Empty weight 2.400 kg for lithium, 3.100 kg for lead-acid Total weight Kg 4.300 for lithium, 4.300 kg for lead-acid
Loading capacity kg 1.900 kg for lithium, 1.200 kg for lead-acid

TRACTION

With electric motors on rear wheels Asynchronous alternate current type motors
Motors power 9 kw on continuous operation
Electronic control by inverter with regeneration during braking and torque control

AUTONOMY

8/10 hours
Lead-acid or lithium batteries 48 V, 1000 Ah

STEERING

Electric on 4 wheels

BRAKING SYSTEM / WHEELS

Foot brakes on 4-wheels
Front drum breaks – rear oil disc brakes.
Electro-mechanical parking brake on rear wheels
Pneumatic tyres 6.50 – 10"

SUSPENSIONS

4 independent hydraulic wheels

DUST CONTROL

2 nozzles on brushes
Nozzles on mouth and on suction hose
Water tank – capacity 400 litres

WASTE HOPPER

Stainless steel – capacity 2 m³ – High rear dumping

PERFORMANCE

Speed km/h 0 – 24 Sweeping width mm 1.900