

Electric Street Washer

Electra 2.0 Hydro

The **Electra 2.0 Hydro**, is manufactured with high quality materials with special emphasis on the weight distribution. This enables achieving the maximum capacity, and at the same time, choosing the type of batteries that best adapts to the customer's requirements (acid, gel or lithium) Moreover, all the sweeper's functions are activated exclusively by electric motors, thus preventing the use of the traditional, inefficient and fragile hydraulic systems.

The Electra 2.0 Hydro is the first and only compact street washer 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 high pressure washing of city centers, pedestrian areas, cycle paths and in general both indoor and outdoor small and medium sized environments. Safe and smart, Electra 2.0 Hydro 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 Hydro Optional

LCD monitor with camera for rearview
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 greasing system
Venturi dosing system for the 15 litre tank
Environmental friendly, efficiency and economically adjustable side jets

The **Electra 2.0 Hydro** is the first and only compact street washer 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 high pressure washing of city centers, pedestrian areas, cycle paths and in general both indoor and outdoor small and medium sized environments. Safe and smart, Electra 2.0 Hydro is the machine that improves the quality of life for the citizens and for the operator.

Electric Street Washer

Electra 2.0 Hydro

Technical Specifications

DIMENSIONS

Length 4.100 mm
Width 1.300 mm (with washing rig)
Height 2.190 mm (with washing arm)
Wheel base mm 1.680

WEIGHT

Total weight Kg 4.300 for lithium, 4.300 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

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

SUSPENSIONS

4 independent hydraulic wheels

WASHING SYSTEM

Clean water tank capacity 1.550 liters
High pressure pump performances 30 liters/minute - 30 bar or 50 liters/minute - 20 bar
Washing rig width mm 1.300
Maximum washing width with standard rig mm 1.800
Maximum washing width with extensible rig mm 3.000