

Urban-Sweeper S2.0



Technical Data

Dimensions (approx.):

- Length with standard broom: 4300 mm
- Width: 1'150 mm
- Height: 1'990 mm
- Sweeping width with standard broom: 2300 mm
- Turning circle: 6'650 mm
- Turning circle 'curb to curb': 6'050 mm

Weights:

- Empty weight (incl. driver, without options): ~2350 kg
- Payload: 1'150 / 1'500 kg
- Gross vehicle weight: 3500 kg

Waste hopper (aluminum):

- Volume: 2.0 m³
- Tipping height: 1'450 mm
- Emptying width: 990 mm
- Tipping angle: 50°
- The hopper has an integrated recirculating water-tank through special filter panels

Water management system:

- Clean water tank: 190 l
- Water recovery system in the waste hopper: >400 l

Waste absorption:

- Suction mouth covering the full width between the brushes
- Impact protected with hydraulic activated large debris flap and heavy duty castor wheels
- High performance suction blower, tear resistant and self cleaning, with additional opening flap

Features:

- LED Lights
- Air Conditioning system
- Rear view and suction mouth cameras

Options:

- Articulated hand suction hose, ø 125 mm
- 3rd front broom
- Automatic central lubrication system
- Spray gun with high pressure water pump

Battery

- Battery type: Li-Ion
- Capacity: 54,4 kWh
- Nominal voltage: 96 V
- Operating time: >8 h

Charging system

- AC On-board charger: 2.4 kW
- AC On-board optional: 4.8 kW
- Charging plug: Type 2
- Optional fast charge DC: 23.1 kW

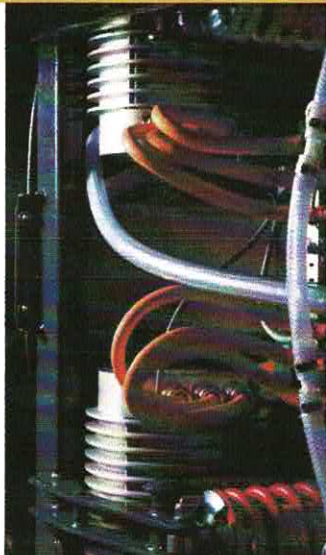
Performance

- Working speed: 0 - 18 km/h
- Driving speed: 0 - 45 km/h
- Electric drive with energy recovery: 40 kW

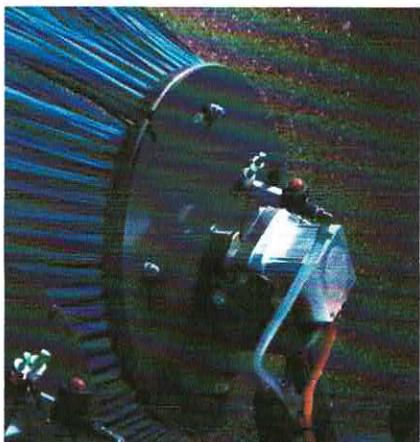
Proven Performances, Powered by ELECTRIC



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Two electric motors for max speed up to 45 km/h



Electric broom motors with heat sensors



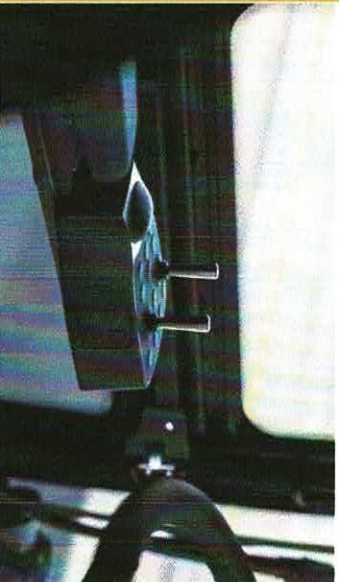
Basic sweeper is equipit with A/C, LED lights and a reverse camera system.

100% electric drives:

- Wheel drive
- Turbine
- Broom motors
- Air condition

Hydraulic system only for movement cylinders.

No cooling system necessary!



V-Pad joystick for easy control of the broom system. The Urban-Sweeper S2.0 also has a turbine boost function for maximum suction power.



Boschung developed battery management system controls the battery and all the electric users to keep machine protected from overheating and gives the driver a maximum sweeping performance!



[Watch it here](#)

