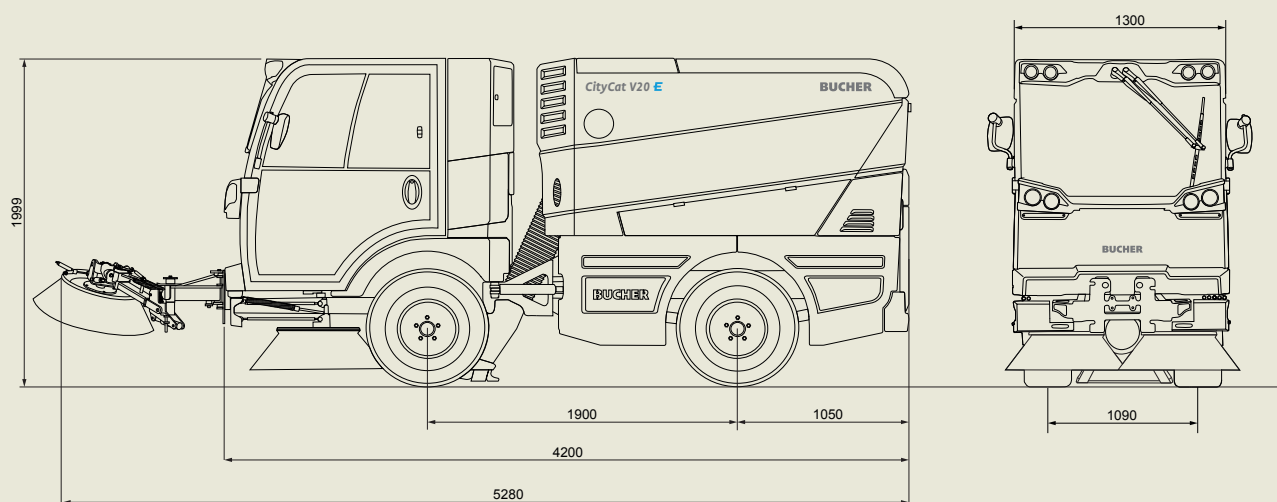


CityCat V20 **E** Specifications



Dimensions

Length	4200 mm
Width	1300 mm
Height	1990 mm
Wheelbase	1900 mm
Track front/back	1085 / 1080 mm
Cleaning width	2100 mm
Cleaning width 3rd brush	2660 mm

Weight

Unladen weight	2600 kg
Payload	2200 kg
GVW	4800 kg

Noise level

Noise level	92 dB(A)
-------------	----------

Tyres

Tyres	16"
-------	-----

Drive system

Working speed	0-12 km/h
Travelling speed	0-40 km/h
Climbing ability	up to 30%
Electric traction drive	60 kW
Electric fan drive	10 kW
Electric hydraulic aggregate	10 kW

HV Battery

Battery type	Li-ion
Battery capacity	63 kWh
Nominal voltage	335 Volt
Operating time	up to 10 hours

Charging system

Internal charger	22 kW
Charger inlet	Type 2
Charging time	2 to 3 hours

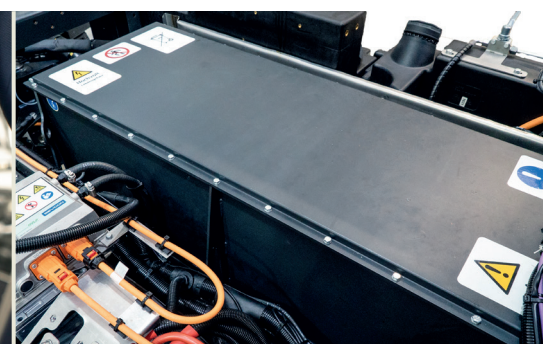
CityCat V20 **E**: tradition meets innovation



On-board charger The 22 kW on-board charger means that batteries can be recharged in just two to three hours at any public car-charging station.



10.1-inch Touch-Display Enables excellent and safe operation of the sweeper in combination with the ergonomically designed armrest-mounted control module.



High capacity battery Pack The exceptionally robust and maintenance - free design provides a long service life and a minimized battery aging.

CityCat V20 E

Specifications

Chassis 2-piece steel frame welded. Articulated steering. Leaf springs on the rear axle and independent wheel suspension (shock absorber and spring) on the front axle lead to an unprecedented drive comfort in this vehicle class.

Axles and steering Electrical engine flanged to torsional self locking differential with integrated planetary gear reduction and parking brake. Hydraulic controlled articulated steering.

Working hydraulics Electric driven hydraulic unit with silent gear pumps for steering, auxiliary functions, side and front brush drive.

Brakes Hydraulic dual circuit braking system with disc brakes front and rear. Spring actuated parking brake acting on front axle with hand brake valve.

Cab Comfortably suspended sound insulated aluminium cab. Front screen in heat reflecting, curved, low reflection safety glass. Variable heater, sun screens, screen wiper with washer. Fully adjustable comfort air suspension driver's seat. Adjustable steering wheel. Integrated working lights on the cab.

PSS (Programmable Sweeping System) Easy to survey and ergonomically arranged operating and monitoring instruments. CAN bus controlled PSS with 10.1-inch touch display for all operating functions, settings and diagnostics of the machine.

An additional 4.3-inch display gives an excellent overview for all automotive information. The central computer controls the IO modules for the work functions via CAN bus.

Pick-up system The wide, cast aluminium suction nozzle is suspended on a floating mechanism between the front wheels. Adjustable high performance suction fan.

Hopper
Stainless steel hopper, capacity 2.1 m³
hydraulic, tipping

Dumping height 1480 mm
Dumping width 1200 mm

Water system
Fresh water tank under cab ca. 300 lt
Recycling water tank ca. 150 lt

Electrically controlled water pump for water nozzles.

Brushes
2 side brushes left and right Ø 800 mm
Variable speed adjustment 0-150 U/min
Impactproof brush suspension

Optional 3rd front brush for maximum cleaning width can be used left and right.

Options

- Air conditioning
- Hydraulic lateral adjustment of side brushes
- Wander hose
- Performance warranty for battery

A range of optionals is available - Contact us for more information.

Subject to change without notice.

Bucher Municipal AG

Murzlenstrasse 80
CH-8166 Niederweningen
Tel. +41 44 857 22 11
Fax +41 44 857 24 10
sweepers@buchermunicipal.com
www.buchermunicipal.com/sweepers

simply great sweepers

Innovation • Competency • Reliability • Sustainability



Bucher
Municipal
E-Shop

