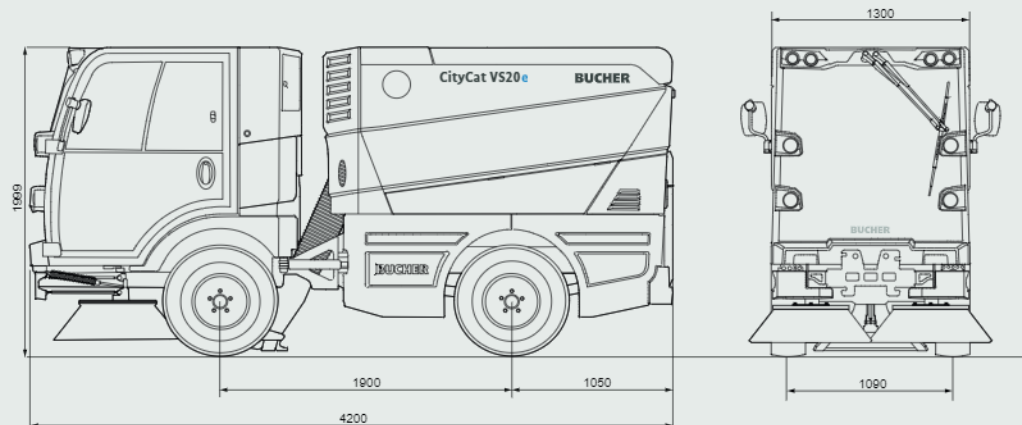


# Bucher CityCat VS20e



## Dimensions

Length	4200 mm
Width	1300 mm
Height	1999 mm
Wheelbase	1900 mm
Track width	1090 mm
Cleaning width	2100 mm

## Weight

Empty weight	2500 kg
Payload	1000 kg
GVW	3500 kg

## Emissions

Noise level L <sub>WA</sub>	92 dB(A)
PM certification	PM2.5/PM10 ****

## Tyres

215/75 R16 C M+S

## Drive system

Working speed	0-15 km/h
Travelling speed	0-40 km/h*
Climbing ability	up to 30 %
Electric drive	88 kW
Electric fan	8.5 kW
Electric hydraulic aggregate	12 kW

## HV Battery

Battery type	Li-ion
Battery capacity	45 kWh
Nominal voltage	382 Volt
Operating time	up to 7 hours

## Charging system

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

\* According to national legislation

## Bucher CityCat VS20e: the agile compact sweeper



### Ready for action at any time

The HV battery can be recharged in just two to two and a half hours at any public car charging station thanks to a 22 kW on-board charger.



### Exceptional driving comfort

Maintenance-free independent wheel suspension coordinated to the vehicle by means of shock absorbers and springs on the front axle and leaf springs on the rear axle ensure safe and comfortable driving.



### Maximum service life

The exceptionally robust and maintenance-free design of the HV battery ensures maximum service life in daily operation and minimum deterioration of the cells.

# Bucher CityCat VS20e

## Chassis

Two-part ladder-type frame chassis with "C" profile construction. Independent suspension with shock absorber and screw spring on the front axle and leaf suspension with shock absorber on the rear axle.

## Axles and steering

Electrically driven fronsat axle with self-locking differential gear (Torsen differential gear). Articulated steering with load-sensing steering hydraulics.

## Working hydraulics

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

## Brakes

Hydraulic servo dual-circuit brake system with disc brakes on front and rear axle. Parking brake (spring-energy brake) acting on the front axle.

## Cab

Comfortably suspended sound-insulated aluminium cab. Windscreen made of heat-reflecting, curved, low-reflection safety glass. Two sliding windows in each door. Variable heater, sun screens, screen wiper with washer. Individually adjustable, sprung driver's seat with headrest and 3-point safety belt. Angle- and height-adjustable steering column.

## Control unit

Smart-Con operation concept includes a multi-functional armrest with smart start function makes it possible to operate all working functions with one hand. All relevant information at a glance at any time thanks to the digital 4.3 inch display.

Optional CSense display (10.1 inch touch display) with intuitive design for extended functions, central overview of all settings and visual diagnostic system. The displayed vehicle set-up can be individually chosen by the driver.

## Water system

Water volume	425 l
Fresh water volume	275 l
Service water volume	150 l

The water tank for service water can optionally be used as expansion for fresh water. Electrically controlled water pump for the water nozzles.

## Hopper

Container made of stainless steel, can be tilted and closed hydraulically	
Volume	2.0 m <sup>3</sup>
Dumping height	1555 mm
Dumping width	1043 mm

## Sweeping system

Wide suction mouth floating between the front wheels, made of cast aluminium hanging on a patented compensation mechanism. Adjustable high-performance suction fan.

## Brushes

2 side brushes left and right Ø 800 mm

Speed adjustment 0-120 U/min

Impact-proof brush suspension.

3rd front brush for cleaning width of 2700 mm and for cleaning corners and ramps, can be used on the left and right (optional).

## Options

- CSense (10.1 inch touch display)
- Air conditioning
- Rear view and suction mouth camera
- Radio with Bluetooth & DAB+
- Hydraulically tiltable side brushes
- Side brush single lift
- Wander hose
- Weed brush
- Water flushing bar
- High pressure water system
- EasyClean system
- LED work light
- Data capture

A variety of other options are available - contact us for more information.

## Bucher Municipal



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[buchermunicipal.com](http://buchermunicipal.com)

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