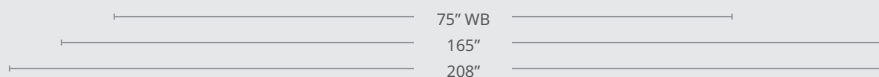


# CityCat V20e

**BUCHER**  
municipal



## Dimensions (mm)

Length	165" (4200)
Width	51" (1300)
Height	79" (1999)
Wheelbase	75" (1900)
Track width	43" (1090)
Cleaning width	83" (2100)
Cleaning width 3rd brush	106" (2700)

## Weight (kg)

Empty weight	5,953 lbs (2700)
Payload	4,630 lbs (2100)
GVW	10,583 lbs (4800)

## Emissions

Noise level $L_{WA}$	92 dB(A)
PM certification	PM 2.5/PM10 ****

## Tires

215/75 R16 C M+S
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## Drive system

Working speed	0-9 MPH (0-15 km/h)
Traveling speed	0-25 MPH (0-40 km/h*)
Climbing ability	up to 30 %
Electric drive	45 kW
Electric fan	8.5 kW
Electric hydraulic aggregate	12 kW

## HV Battery

Battery type	Li-ion
Battery capacity	63 kWh
Nominal voltage	335 Volt
Operating time	up to 8 hours

## Charging system

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

\* According to national legislation



### Ready for action at any time

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



### Choose your settings

The 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.



### 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.

# CityCat V20e

## 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 front 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 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. 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

(liters)

Water volume	112 gal (425)
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Fresh water volume	72 gal (275)
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Used water volume	40 gal (150)
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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	2.6 YD <sup>3</sup> (2.0 m <sup>3</sup> )
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Dumping height	61" (1555 mm)
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Dumping width	41" (1043 mm)
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## Sweeping system

26" wide suction nozzle floating between the front wheels, made of cast aluminum hanging on a patented compensation mechanism. Adjustable high-performance stainless steel fan.

## Brushes

2 side brushes left & right Ø 32" (800 mm)

Speed adjustment	0-120 RPM
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Impact-proof brush suspension.

3rd front brush for cleaning width of 106" (2700 mm) and for cleaning corners and ramps, can be used on the left and right (optional).

## Options

- 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 range of options are available – contact us for more information.

Subject to change without notice.

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