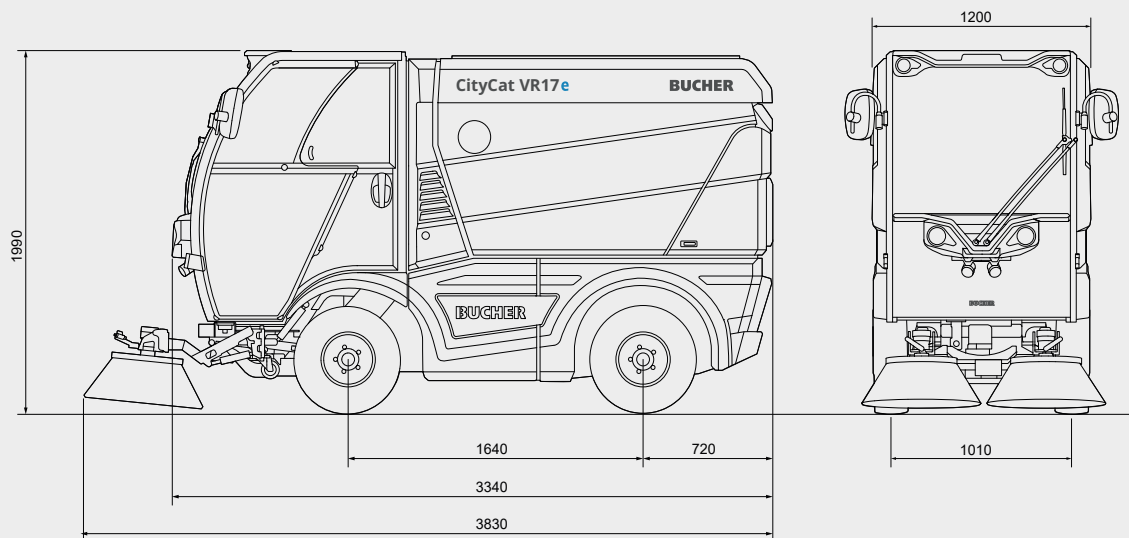


Bucher CityCat VR17e



Dimensions

Length	3340 mm
Width	1200 mm
Height	1990 mm
Cleaning width	2400 mm
Hopper volume	1.7 m ³

Weight

Empty weight	2100 kg
Payload	1400 kg
GVW	3500 kg

Tyres

185/70 R13C 106/104N ¹

Emissions

Noise level L _{WA}	91 dB(A)
PM certification	PM2.5/PM10 ****

Water system

Fresh water tank	225 l
Water recuperation system	installed

Driving Performance

Working speed	0-12 km/h
Travelling speed	0-40 km/h ²
Climbing ability	up to 30 % ³
4-wheel steering (kerb to kerb)	4370 mm
4-wheel steering (wall to wall)	5490 mm

HV Battery

Battery type	LFP
Battery capacity	55 kWh
Operating time	minimum 10 hours

Charging system

On-board charger AC	11 kW
Charger inlet	Type 2
Charging time AC	4 to 5 hours
DC charging ⁴	45 kW
Charging time DC	60 minutes

¹ Wide base tyres available

² According to national legislation

³ Empty vehicle

⁴ Option

Bucher CityCat VR17e: compact, remarkably agile, yet powerful sweeper



Best-in-class payload for longer shifts

A robust aluminium hopper and impressive 1400 kg payload mean fewer unloads and more sweeping time. The lightweight yet durable build boosts autonomy, while the 225 l fresh water tank supports uninterrupted performance.



Effortless control, accessible to every driver

In the compact 3.5 t class operable with a standard car driver license, every detail is built around the driver — from ergonomic seating and low vibration to single-wheel suspension for a smooth, quiet ride, keeping operations flexible and drivers comfortable.



Agility where it matters most

Best-in-class turning circle of 4370 mm (kerb to kerb) and hydrostatic-controlled four-wheel steering for agile maneuvering through tight urban spaces. Smooth, precise handling that lets operators to clean places larger sweepers can't reach.

Bucher CityCat VR17e

Chassis

Ladder-type frame chassis with "C" profile construction. Single wheel suspension on front and rear axle.

Steering

Electrically driven rear axle with differential gear. Fully hydraulic power steering. Turning diameters:

2-wheel steering	
Kerb to kerb	5820 mm
Wall to wall	7170 mm

4-wheel steering	
Kerb to kerb	4370 mm
Wall to wall	5490 mm

Working hydraulics

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

Brakes

Dual-circuit hydraulic servo system with drum brakes on front and rear axle. Electrically activated parking brake on the rear axle. Drum brake design optimized for durability, low maintenance, and reduced particulate emissions.

Sweeping system

Adjustable high-performance suction fan with suction mouth mounted between the front wheels.

Driver's cab

Comfortably suspended sound-insulated cab. Windscreen made of heat-reflecting, curved, low-reflection safety glass. 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 which 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

Fresh water volume	225 l
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Electrically controlled water pump for the water nozzles.

Hopper

Container made of durable aluminium, can be tilted and closed hydraulically:

Volume	1.7 m ³
Dumping height	1350 mm

Brushes

2 brushes left and right	Ø 800 mm
Speed adjustment	0-120 rpm

Impact-proof brush suspension.

Options

- Rear view and suction mouth camera
- DC 45 kW fast charging
- Radio with Bluetooth & DAB+
- Wander hose
- High pressure water system
- EasyClean system
- Wide base tyres
- Data capture

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

Bucher Municipal



For local contact and support, please scan the QR code or visit

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