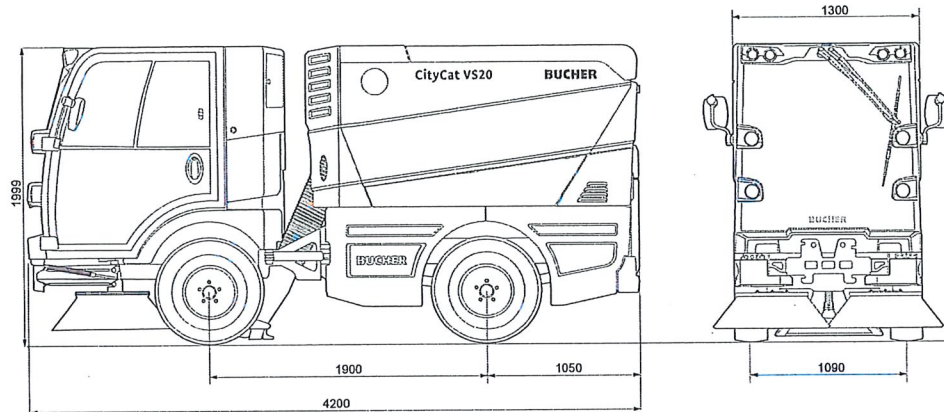


CityCat VS20



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_{WA}	98 dB(A)
PM certification	PM 2.5/PM10 ****

Tyres

215/75 R16 C M+S

Drive system

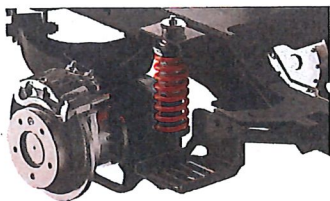
Working speed	0-15 km/h
Travelling speed	0-40 km/h*
Climbing ability	up to 30%
Stepless, hydrostatic drive system. Two speed levels with automatic, load-dependent electronic control.	

Engine

Type	TD 2.2 L3
Emission standard	Stage V/Stage 3A
Engine Displacement	2200 cm ³
Output	45 kW
Torque	205 Nm
Fuel tank	80 l
Electrical system	12 V
Battery	95 Ah

* According to national legislation

CityCat VS20: the agile compact sweeper



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.



Smart-Con operation concept

The multi-functional armrest with smart start function in combination with the digital 4.3 inch display makes it possible to operate all working functions with one hand.



Everything always in sight

All relevant information about the vehicle can be seen on the digital 4.3 inch display. Feedback on the sweeping system settings through a pop-up allows for safe and ergonomic use.

CityCat VS20

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

Driven front axle by means of two-stage wheel motors with hydraulic locking action. Articulated steering with load-sensing steering hydraulics.

Working hydraulics

Hydraulic unit with silent gear pumps for fan, 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 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. 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 ³
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
- Hydraulically tiltable side brushes
- Side brush single lift
- Wander hose
- Weed brush
- Water flushing bar
- High pressure water system
- EasyClean system
- LED work light
- Rear view and suction mouth camera
- Data capture

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

Subject to change without notice.



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