



Advanced technology for confined spaces

CityCat 1300

CityCat 1300: Robustly built and reliable in operation for efficient sweeping

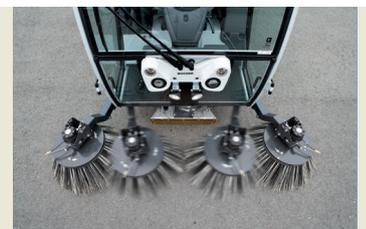
The CityCat 1300 is the product of years of experience in developing and manufacturing compact sweepers for professional applications. With its narrow frame, this compact sweeper is the ideal solution for cleaning all confined spaces and areas with limited access. It is also the perfect machine for sweeping larger premises, car parks, shopping centres, factory sites and housing estates. Needless to say, another of its strengths is cleaning urban environments with cramped pavements and narrow streets like those in traffic-calmed residential areas.



Hopper with water recirculation The stainless steel hopper has the largest capacity in its class. The water recirculation system results in drier loads and extends service times.

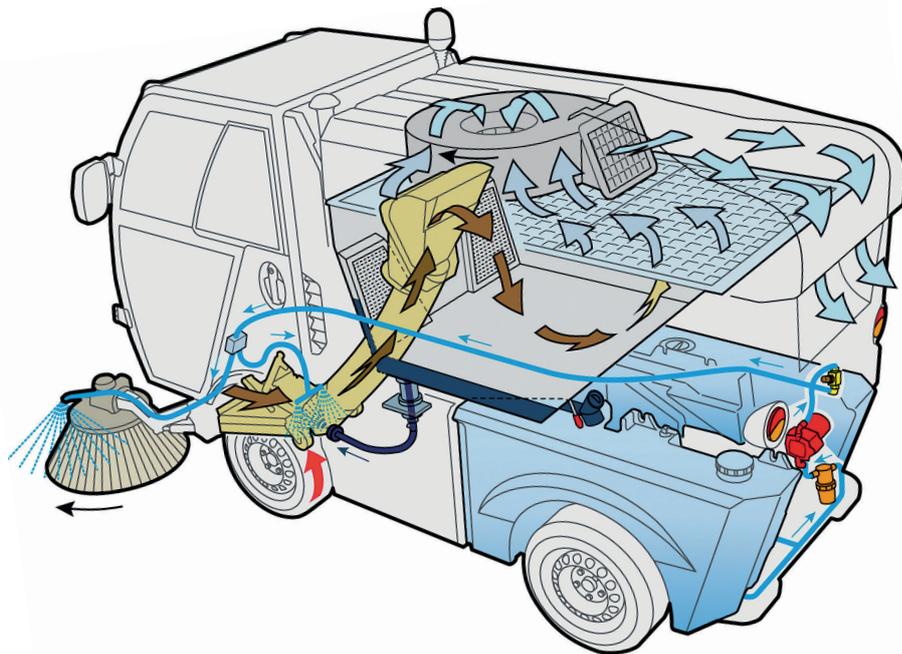


Impact-protected suction nozzle Supported by castor wheels, the suction nozzle is located between the front wheels and fitted with water spray jets. A special mounting allows it to ride over obstacles without damage to the nozzle.



Impact-protected brushes The brushes can be extended individually on both sides with stepless adjustment. Brush pressure is fully adjustable and controlled from the driver's cab.

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The diagram shows the flow of air from the suction nozzle through the hopper and out through the exhaust duct on the hopper roof. A water pump feeds fresh water to the spray jets fitted to the sweeping brushes and the suction nozzle. The used water is filtered and then fed to the suction nozzle to ensure optimum dust suppression.



CityCat 1300 technical data

Dimensions

Length	3300 mm
Width	1110 mm
Height	1930 mm
Wheelbase	1640 mm
Track	930 mm
Max. sweeping width	2200 mm
Turning radius	2000 mm

Chassis

Gross vehicle weight (GVW)	2800 kg
Kerb weight	2000 kg
Payload	800 kg

Engine

Manufacturer	Deutz
Type	D2011L03i
Displacement	2330 cm ³
Output	31,2 kW
Torque	137 Nm @ 1700 1/min
Exhaust class	Stage 3 A
Fuel tank	50 l
Electrical system	12 V
Battery	75 Ah

Performance

Working speed	0 - 12 km/h
Travelling speed	0 - 25 km/h
Gradeability up to	> 21%

Drive system	Hydrostatic / infinite
System manufacturer	Bosch-Rexroth
Drive axle	front

Hopper

Hopper volume	1.3 m ³
Discharge height	1370 mm
Discharge width	990 mm
Discharge angle	84°

Sweeping system

2 brushes	Ø 700 mm
Infinite speed control	0-120 U/min

Water system

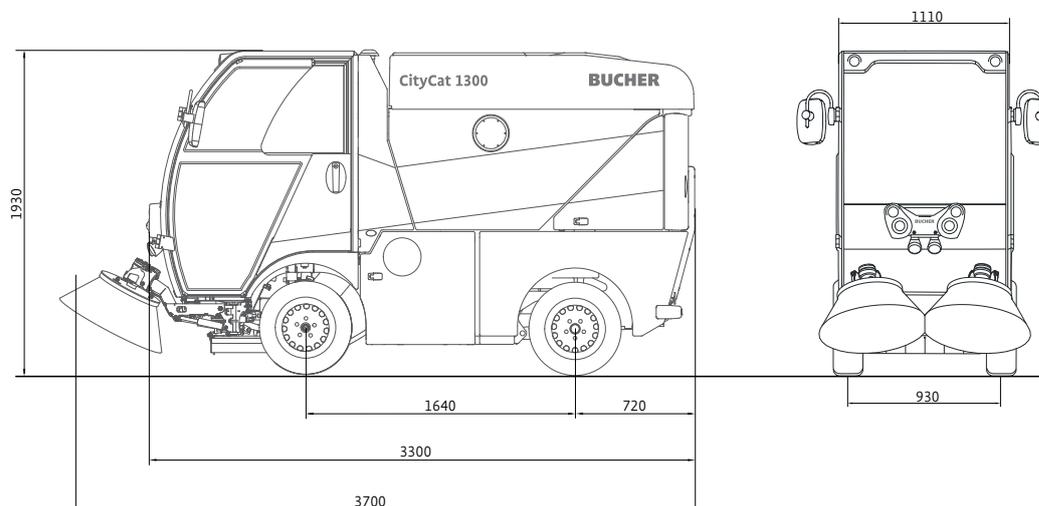
Fresh water tank	225 l
Used water tank	70 l
High-pressure water system	100 bar @ 11 l/min
Water flow control	Water taps in cabin

Suction system

Suction nozzle width	600 mm
Suction nozzle material	Stainless steel
Wander hose	Ø 180 mm

General

Tyres	165 / 70 R 13C
Cabin noise level	76 dB(A)



CityCat 1300 technical description

Chassis Welded Chassis. Both axles suspended. Front axle with coil springs and shock absorbers. Rear axle with double conical spring.

Axles and Steering Driven front axle with hydraulic differential. Front steering with load-sensing steering hydraulics. Optional all-wheel drive for maximal manoeuvrability and directional stability.

Hydraulics Gear pump for blower drive unit. Gear pump for movement hydraulics, steering and brush drive.

Brakes Hydraulical single brake system with drum brakes on the rear axle. Parking brake on the rear axle.

Driver's cab Comfortable, hydro bearing suspension, soundproofed cab. Windscreen made of heat-insulating, curved, low-reflection safety glass.

Electrical front windshield heating. Doors with sliding windows. Multistage heating fan. Sun screen. Screen wiper with washer. Air suspended individually configurable comfort driver seat. Adjustable steering column. Working light standard. Heated mirrors standard.

Operation Neatly and ergonomically arranged operating- and monitoring instruments. Comfortable control armrest for the work functions. Warning unit for temperature and liquid level monitoring.

Sweeping system Stainless steel container with hydraulical dumping function. Pick-up system suction, with suction mouth between / in front of the front wheels, High-Performance suction fan.

Brushes Brush with hydraulic, stageless adjustable brush-relief.

Options

- Rotating Beacon
- Wanderhose
- DAB+ Digital Radio with Bluetooth
- Air conditioning
- Reversing camera
- Suction intake camera
- All-wheel Steering
- High pressure water system
- Washdown hose
- Snow plough
- Salt / Grit spreader
- Snow brush
- Additional noise reduction kit

A wide selection of further options is available – Please contact us for further information.

Technical data are subject to change without prior notice.



Suction nozzle and reversing camera system The reversing camera provides improved visibility and reduces the risk of collision with obstacles or other road users during daily operation. The suction nozzle camera enables improved inspection of the suction nozzle intake.



Wanderhose The exceptionally lightweight and flexible suction hose enables leaves and other debris to be picked up effortlessly from those hard-to-reach places.



Snow plough and salt spreader The snow plough is used to clear snow from roads and footpaths. The salt spreader can be operated at the same time to provide a full, cost-effective winter service.

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