



Advanced technology for confined spaces

**CityCat 1000**



#### Brushes

Featuring hydraulic brush pressure adjustment, the two impact protected, independently controlled extendable front brushes ensure constant sweeping performance at all times.



#### Superior dust control

Water spray jets on the brushes suppress dust around the critical work area.



#### Impact protected suction nozzle

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

## Robustly built and reliable in operation for efficient sweeping

The CityCat 1000 is the product of years of experience in developing and manufacturing compact sweepers for professional applications. With its slender frame, this compact sweeper is the ideal solution for cleaning all confined spaces and areas with limited access. It is 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 narrowed streets like those in traffic-calmed residential areas.

The proven vacuum pick-up system delivers outstanding suction power for effective cleaning. Water spray jets fitted on the brushes and suction nozzle suppress dirt particles to ensure virtually dust-free sweeping in critical areas. A large tilting hopper constructed of chromium steel holds the debris and allows easy discharge into skips or bins. Supported by castor wheels, the suction nozzle located between the front wheels is optimally synchronised with the two brushes for perfect coverage of the area being swept. A special mounting allows it to ride over obstacles without damage to the nozzle. With its powerful suction, the fan is designed to pick up even heavy dirt and debris effortlessly without substantial noise emissions.



### Exceptional sweep path

With its wide sweep path, the CityCat 1000 ensures spotlessly clean surfaces. The infinitely variable brushes extending to either side combine with the suction nozzle to maximise effective coverage of the work area.

### Hopper

The chromium steel hopper has a huge capacity, giving a long range in daily sweeping operations.



#### Low-emission, easy-to-maintain engine

The CityCat 1000 is powered by an environmentally friendly, high-torque diesel engine. Clearly arranged engine components make the machine simple and convenient to maintain and service.



#### Service panels with magnetic closures

The service panels located at the rear of the machine feature magnetic closures for easy opening and quick access.



#### Integrated water recirculation system

A special construction ensures that dirty water remains in the recycled water tank during tipping. This integrated water recirculation system results in drier loads and extends on-station time.

## Custom sweeping solutions for summer and winter maintenance applications

The chassis consists of a welded frame with sprung axles, the front axle being fitted with coil springs and shock absorbers and the rear axle with double cone springs. Optimum axle load distribution ensures safety and comfort even when performing complex manoeuvres, such as mounting and dismounting kerbs and operating on slopes. The CityCat 1000 comes either with front-wheel steering or optionally with four-wheel steering for maximum manoeuvrability and directional stability.

A low-emission, high-torque Deutz diesel engine delivers more than enough power for tough sweeping jobs, even under heavy loads. Cooled with engine oil, it needs no anti-freeze during the cold winter months.

The two polyethylene tanks supplying clean water to the water spray jets on the brushes and suction nozzle are designed to maximise productive time on site. A special construction ensures that water remains in the recycled water tank when the hopper is emptied. This integrated water recirculation system results in drier loads and increases the supply of water for sweeping, thereby extending on-station time.

Operators can choose from a wide range of accessories for summer and winter maintenance - rotating beacons, a wanderhose, CD radio, air conditioning, reversing camera, high pressure lance, washdown hose, snow plough and salt spreader – for bespoke solutions to meet the most demanding requirements.



**Four-wheel steering**

Four-wheel steering is offered as an option for maximum directional stability and manoeuvrability.



**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 clears fallen snow and can be used in combination with the salt spreader for economical winter maintenance.



#### Full visibility

Panoramic glazing and a curved windscreen provide a wide field of vision, giving a full view of the road and work area.



#### Simple operation

All that's needed are a steering wheel and foot pedal, plus two joysticks for controlling the brushes.



#### Spacious cab

Despite the vehicle's compact exterior dimensions, its cab features a comfort seat and adjustable steering column offers plenty of room to move and a fatigue-free working environment. An air suspension seat is supplied as standard for maximum ride comfort.

## Ride comfort of the highest calibre

The soundproofed cab resiliently mounted on hydraulic mounts gives the operator plenty of room and comfort. No hydraulic or water hoses run through the interior, with the added benefit of minimising noise build-up. The generously sized windscreen is made of heat-insulating, low-reflection safety glass with integrated heating. Sliding windows in the doors and a multi-stage heater/ventilation fan provide optimum climate control. Both the steering column and air suspension driver's seat are adjustable, with clearly and ergonomically arranged controls and instrumentation within easy reach. Simple one-button control is provided for raising and lowering the suction nozzle, while two joysticks control the movements of the two independent brushes. The ergonomically positioned controls combine with the fully sprung chassis for excellent driving comfort, eliminating fatigue even over longer operating periods. Heated rear view mirrors and work lights fitted as standard top off the comprehensive features incorporated in this ergonomic cab.



**Ergonomically arranged controls**

All controls are placed within clear view and easy reach.



**Comprehensive features**

A heated windscreen, exterior mirrors and work lights are fitted as standard.

**Professional service** Bucher Schörling's worldwide success is based on its distribution network offering qualified, customer-focused technical support wherever you are. For us at Bucher Schörling, service begins at the drawing board when we design vehicles to meet our customers' specific requirements and build bespoke solutions. We are renowned for our sound, competent advice and reliable service, provided by knowledgeable and well-trained professionals and by our efficient spare parts centres that assure the fastest delivery and long-term supply guarantees.

**Certified quality – high operational efficiency** In our pursuit of quality, Bucher Schörling is committed to ensuring continuous machine uptime, long life and low maintenance. This ensures that our machines deliver the best value for money at the lowest total cost of ownership throughout their lives. Bucher Schörling's competence centres are naturally fully ISO 9001:2008 certified.

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