



CS500



CS500, the small but powerful sweeping machine

CS500 is a small walk-behind sweeping machine; extremely practical and compact, it does not sacrifice on power or cleaning precision. Conceived to simplify cleaning operations, it can offer excellent performance, significantly increasing productivity for those who use it.

Suitable for cleaning both indoor and outdoor surfaces measuring up to 2600 sq.m, CS500 is the perfect solution for sweeping garages, car parks, paths, walkways or pavements. However, this small sweeping machine is also ideal for cleaning warehouses, motorway service areas, car washes and spaces dedicated to the logistics, public, artisan production or automotive sectors.

CS500 is battery powered and comes in versions with or without traction.

CS500 is available in 2 versions:



CS500 B

Battery-powered version **without traction**

CS500 BT

Battery-powered version **with traction**

The benefits of CS500

- Battery powered for maximum freedom of movement and excellent performance
- Compact, practical and robust
- Easy to use thanks to user-friendly driving and simple controls
- Simplified, tool-free maintenance
- Trapezoidal belts for excellent drive unit reliability
- Extremely versatile, depending on the type of brush chosen for working on different types of floor
- Frame and components completely protected inside the robust high-density polyethylene body, to avoid damage due to accidental impacts
- Vacuum bypass to clean the filter or work on damp surfaces
- Mixed steel brush: for outdoor use or on extremely rough surfaces
- Brush made from natural fibres with tampico bassine bristles: for fine dusts and glossy surfaces
- Brush with PPL bristles: extremely versatile for industrial surfaces
- Paper panel filter with large filtering surface (as standard)
- Polyester panel filter
- Manual filter shaker as standard: reliable, practical and affordable
- Optional electric filter shaker: even more convenient and effective filter cleaning
- Side brush as standard for cleaning corners and along walls
- 50 liter debris hopper, easy to remove and empty, with zero effort
- Side bumper rollers to protect the machine and the surrounding environment
- Option of equipping machine with an on-board charger, for faster and more convenient charging
- Safety circuit breaker to immediately stop the machine and all active functions in case of a fault



Handlebars that can be adjusted to 3 positions for maximum user comfort.

An electric filter shaker can be installed to keep the filter clean, preventing clogging and improving filtration performance.

HEPA filter on request, with 99.9% filtration efficiency for capturing particles as small as 0.3 μm .



The details that set **CS500** apart

The design has been conceived to make CS500 efficient and ensure maximum productivity even with inexperienced operators, whilst minimising operating costs.

 All components are protected inside the sweeping machine by the high-density polyethylene body and side bumpers.

 Easy, tool-free maintenance, even for adjusting and replacing the brushes.

 Large 50-liter debris hopper, designed to be robust and easy to empty.

 The knobs to release the debris hopper can be operated without tools, making emptying easier and faster.

 The optional LED front headlights ensure maximum safety when working, by illuminating operating areas and signalling the presence of the moving machine.

 Ignition key that also functions as a safety key to open the bonnet and access the components that need maintenance.



Bonnet can be fully opened to offer maximum accessibility to components and enable easier maintenance.

Handy knob to allow the operator to adjust the position of the brush without tools.

The technologies available for **CS500** that help to reduce emissions

Li-ion batteries



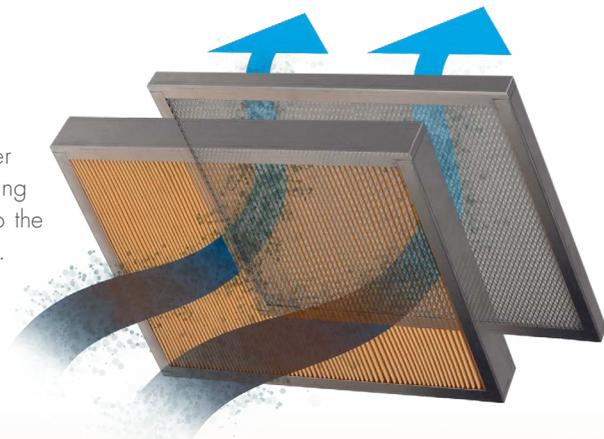
These lightweight batteries can be recharged whenever desired and are always ready to use.

With an extremely fast charging cycle, lithium batteries do not self-discharge and are thus always ready whenever and wherever they are required; they can therefore be used multiple times in the space of a single day. This increases the sweeping machine's working cycle enabling it to be used for more operations over the course of the day. In addition, compared to traditional batteries, they require less maintenance and have a longer life cycle and improved energy efficiency, as they require less energy to be charged.

Multi-stage filtering system

To return clean air into the environment.

CS500 can be equipped with a multi-stage filtering system consisting of the paper panel filter and a HEPA filter, which delivers 99.9% filtration efficiency by capturing microparticles as small as 0.3 μm . This filtration allows clean air to be returned into the environment, thus improving the safety for those in the vicinity of the sweeping machine.

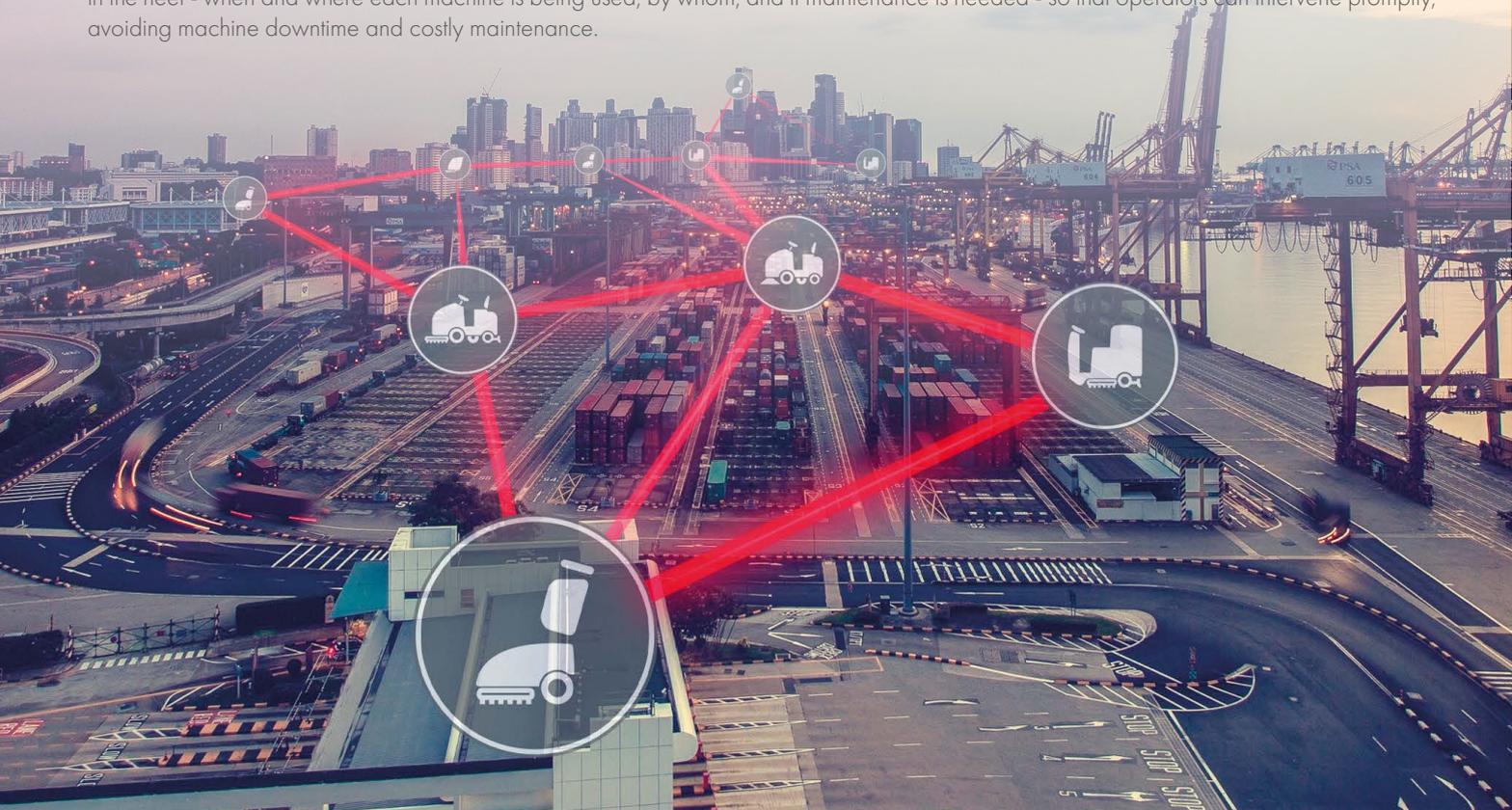


CFC – Comac Fleet Care



The technology designed by Comac for the management of fleets that increases efficiency and reduces costs.

CS500 can be equipped with the solutions required for fleet management via Comac Fleet Care Wi-Fi (CFC). This system allows the data regarding the CO₂ output of the sweeping machine to be viewed, right from the beginning of its life cycle. Understanding and being aware of the level of emissions produced allows operators to intervene with measures designed to reduce these emissions. In addition, the CFC Wi-Fi system ensures the solidity of the investment, increasing the useful life of the machine thanks to the remote control of the health status of machines in the fleet - when and where each machine is being used, by whom, and if maintenance is needed - so that operators can intervene promptly, avoiding machine downtime and costly maintenance.



STANDARD EQUIPMENT	CS500 B	CS500 BT
Comfort		
Hour meter	•	•
Vacuum bypass to clean the filter or work on damp surfaces	•	•
Central brush, adjustable without tools	•	•
Handlebars adjustable to 3 positions	•	•
Productivity		
Traction	-	•
PPL central brush	•	•
PPL side brush	•	•
Manual filter shaker	•	•
Rear load	•	•
Paper panel filter	•	•
Safety		
Ignition and safety key	•	•
Side bumper rollers	•	•

OPTIONALS	CS500 B	CS500 BT
CB (on board battery charger)	•	•
Electric filter shaker	•	•
Polyester panel filter	•	•
HEPA filter	•	•
Comac Fleet Care Wi-Fi	•	•
Front LED headlights	•	•
Lithium batteries	•	•

TECHNICAL DESCRIPTION		CS500 B	CS500 BT
Debris hopper capacity	l	50	50
Working width with the lateral brush	mm	650	650
Central brush width	mm	500	500
Filtering surface	sqm	3.3	3.3
Traction	-	semi aut.	aut.
Type of drainage	-	rear manual	rear manual
Working capacity up to	sqm	2275	2600
Side brush motor	-	mechanical	mechanical
Batteries (N.)	V/Ah C5	(1) 12/150 ACID (1) 12/134 GEL (1) 12/100 (Li-Ion)	(1) 12/150 ACID (1) 12/134 GEL (1) 12/100 (Li-Ion)
Battery run time*	Up to h	2 (Li-ion)	2 (Li-ion)
Machine weight (without batteries)	kg	76	79
Machine dimensions (l x w x h)	mm	1265x900x660	1265x900x660

*Run times are based on continuous scrubbing run times



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Comac S.p.A. org. cert. ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, SA 8000:2014

