



antea



Antea: the high-performance professional floor scrubber that's extremely easy to use

Antea is a walk behind scrubbing machine offering high performances for both maintenance and heavy duty cleaning of floors up to 2200 sq.m.

It is available with a disc brush with 50 cm working width, cable (E) or battery powered, with traction (BT) or without it (B). Moreover, they come with traction also the scrubbing-sweeping version with 2 cylindrical brushes (BTS) and the new orbital version (BTO).

Antea stands out for its new design that provides reliability and sturdiness. Such qualities are granted also by innovative choices, like the use of a pressure die-cast aluminum squeegee mount, machine frame and brush head. The operator will find the machine very easy to use and to manoeuvre. Its compact size makes it an ideal model for several sectors: healthcare, hospitality, large-scale retailing, automotive and public institutes.

THE ADVANTAGES OF ANTEA

Many are the benefits Antea can offer:

- Intuitive drive, with few and easy controls
- Versatility, thanks to the compact size it is ideal to meet the cleaning needs of several sectors
- Full accessibility to components for easier maintenance
- Energy saving and silent operation < 66 dB (A), thanks to Eco device (traction versions)
- Control of water and detergent consumption with CDS system (optional, only traction versions)
- Reliability over time and sturdiness are guaranteed by the new design and the new pressure die-cast aluminum frame
- Easy Clean: special treatment that prevents dirt from sticking on the surface, making easier tank cleaning and sanitizing (upon request)
- Antibacterial tanks, available on request, ideal for the healthcare industry
- Corrosion Protection: special treatment for metal surfaces of machines working in special environments such as swimming pools, fish markets, dairies, etc., and in all areas where corrosive agents can be found.



ANTEA 50 E/B/BT
Scrubbing version with disc brush

ANTEA 50 BTS
Sweeping version with two cylindrical brushes

ANTEA 50 BTO
Orbital version with pad

Designed to help even unskilled operators

ALL FUNCTIONS AT A GLANCE



Control panel of E version



Control panel of B version



Control panel of traction versions

The simple control panel of (Antea 50 E/B) favours an intuitive use.

The traction versions feature more functions such as the Eco device to reduce consumption and the knob for speed adjustment.

Lithium battery

Lightweight, these 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.



PM - PRESSURE MONITORING

System for monitoring the pressure on the brushes.

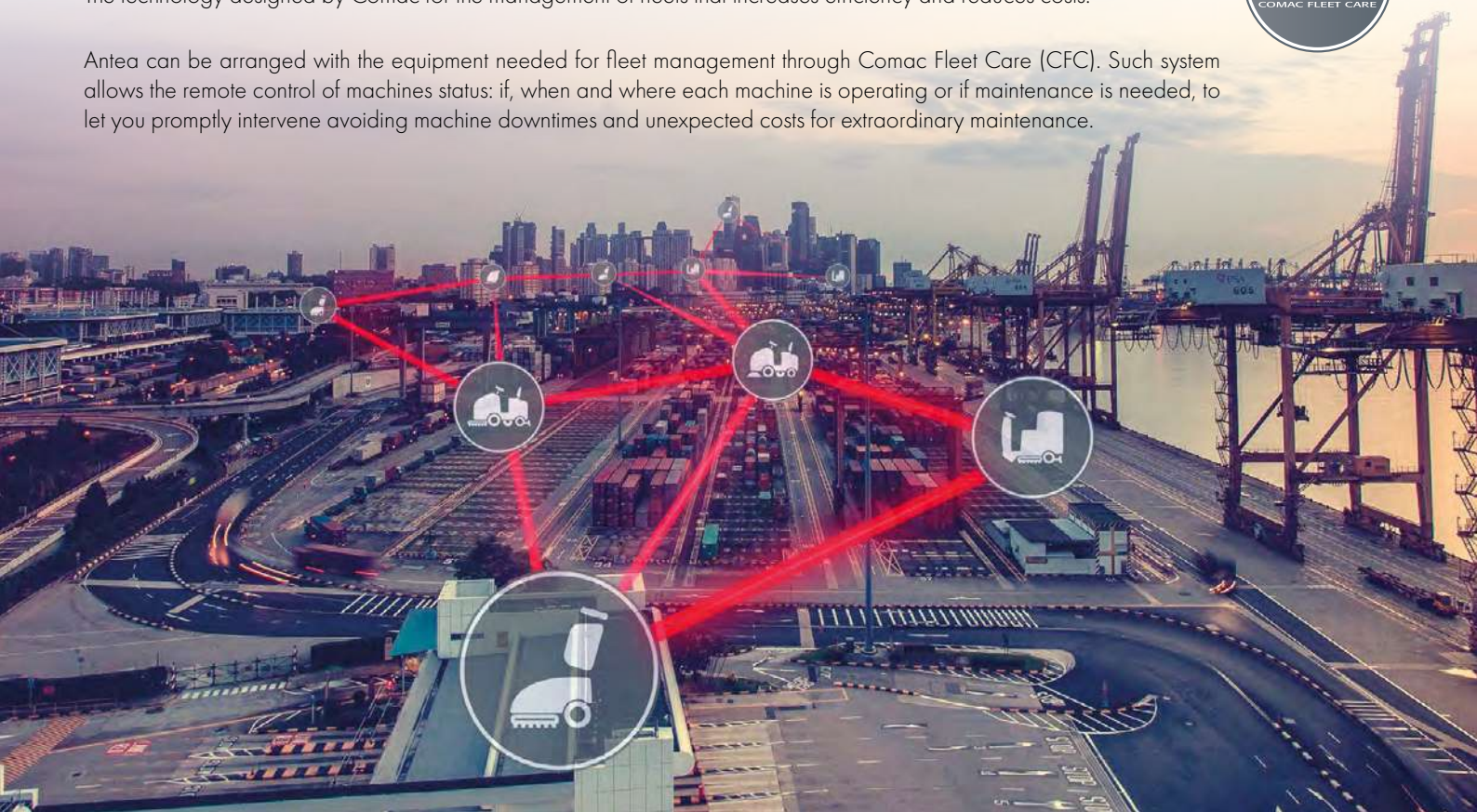
Monitors the power dispensed by the brush motors in order to guarantee maximum effectiveness on any type of flooring (PM version only).



CFC - COMAC FLEET CARE

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

Antea can be arranged with the equipment needed for fleet management through Comac Fleet Care (CFC). Such system allows the remote control of machines status: if, when and where each machine is operating or if maintenance is needed, to let you promptly intervene avoiding machine downtimes and unexpected costs for extraordinary maintenance.



Robust and reliable design, built to last

USE: DETAILS THAT GUARANTEE RELIABILITY OVER TIME

The frame, the squeegee mount and the brush head are made out of die-cast aluminum, that makes them robust and shock proof.



The 4 wheels increase stability and manoeuvrability. Moreover, they make brush maintenance easier and allow to store the machine with the brush head up, to keep the brush in perfect conditions.

The hose for the solution tank filling can be connected directly to any water tap, giving the possibility to supply the machine everywhere

The on board battery charger makes recharging easier and quicker

The tank level is always under control, thanks to an indicator that results useful when filling the tank with water and during work, to know when you need to stop to empty the recovery tank



The tools that will save your time



To ensure a perfect drying, the suction hose and the squeegee rubber blades must be cleaned at the end of any cleaning operation. The squeegee can be lifted to quickly clean the rubber blades.



TOOL-HOLDER HOOK

It can hold the squeegee, the brush or the tank lid, useful for machine store or maintenance (upon request)



FAST FILL

A simple device allows the quick filling of the tank with clean water without the presence of the operator (upon request)



KIT FOR CLEANING ACCESSORIES

For bringing additional cleaning tools with you, which are useful for completing the operations (upon request)



CCP - Comac Corrosion Protection
Is the treatment created by Comac that is used to coat and protect the metallic parts of floor scrubbers which are exposed to corrosion.



Comac for ENVIRONMENT

We know how important it is to respect the environment, so we are always committed to minimizing our impact on it and making the people involved in our work more aware on this front



SUSTAINABLE TECHNOLOGIES

Comac has always been designing and manufacturing highly competitive products with reduced environmental impact. Today, more than ever, thanks to the introduction of more and more innovative technologies, Comac machines are able to optimize the use of resources by eliminating the waste of water, energy, detergent, reducing noise pollution and time dedicated to cleaning operations.

Comac' sustainable technologies respect the environment and also get the user involved in responsible use of resources, while offering several benefits. Discover Comac's sustainable technologies designed for Antea to optimize the use of resources.

ReWater

The Comac technology installed on board the machine which increases productivity and reuses the water used by floor scrubbers.

Comac floor scrubbers equipped with ReWater technology allow you to reuse the cleaning solution used for floor cleaning operations. This is because they have been equipped with a filtering system, which allows you to work smoothly while maintaining constant the cleaning performances.



Eco mode

The Comac technology for the reduction of noise that allows resources to be saved and waste to be reduced.

Only one button to reduce energy consumption and noise level. It is an ideal working setting for maintenance cleaning and to use the machine in sensitive or frequented environments.



CDS - Comac Dosing System

The Comac technology for reducing the flow, cutting waste and improving cleaning performance.

Antea can be equipped upon request with CDS (Comac Dosing System) for the separate management of water and detergent, that allows to increase or reduce their flow, according to the type of dirt to clean, thus avoiding wastes. It reduces cleaning solution consumption by up to 50%.



SSC - Solution Smart Control

Solution Smart Control for the control of the flow of solution.

Antea can be equipped with the innovative SSC (Solution Smart Control), it is an intelligent management of the solution delivered to the brushes. The scrubber drier will automatically increase and decrease the flow of the solution based on the operating speed. Therefore, there will be a reduction in waste and economic savings.





COMAC'S COMMITMENT TO SUSTAINABILITY

We are aware that cleaning lets us live in environments that are safe for our health, which is why we imagine a future where cleaning is eco-sustainable. In fact, cleaning must improve the quality of places in which people live, but it must also protect the environment in which future generations will live. Keeping these goals in mind, we have decided to outline Comac's commitment to sustainability into concrete actions.

CONCRETE ACTION: THE CARBON FOOTPRINT FROM COMAC'S FLOOR SCRUBBERS

We are aware that in order to improve it is crucial to understand and above all measure what we are doing. This is why we started quantifying the Carbon Footprint of some of our latest generation scrubbing machines.

The awareness of our responsibility towards climate change led us to embrace the international standard ISO 14067 that defines the requirements for the quantification of the climatic footprint of product. Measuring the Carbon Footprint of the latest generation floor scrubbers allows us to have real and third-party verified data on the climate performances of our scrubbing machines.

**Antea 50 BT CB 107320: the first Comac's floor scrubber
with the CFI mark - Carbon Footprint Italy**

antea
50_{bt-cb}



STANDARD EQUIPMENTS	Antea 50E	Antea 50B	Antea 50BT	Antea 50BTS	Antea 50BTO
Comfort					
Hour meter	•	•	•	•	•
Eco Mode	-	-	•	•	•
Electronic control panel with diagnostics	-	-	•	•	•
Brush head lifting	Manual	Manual	Manual/Aut. (PM)	Manual	Manual
Automatic brush uncoupling	-	•	•	-	-
Ergonomic squeegee handle	•	•	•	•	•
Speed adjustment	-	-	•	•	•
Squeegee rubber blades usable on 4 sides	•	•	•	•	•
Color-coded parts for easy maintenance	•	•	•	•	•
Accessory holder on the tank lid	•	•	•	•	•
Flexible filling hose with drop-stop	•	•	•	•	•
Water level indicator	•	•	•	•	•
Safety					
Emergency stop	-	-	•	•	•
Automatic parking brake	-	-	•	•	•
Antiskid wheels	•	•	•	•	•
Die-caste aluminum frame	•	•	•	•	•

OPTIONAL	Antea 50E	Antea 50B	Antea 50BT	Antea 50BTS	Antea 50BTO
CB (On-board Battery Charger)	-	•	•	•	•
CDS (Comac Dosing System)	-	-	•	•	•
PM (Pressure Monitoring)	-	-	•	-	-
CFC (Comac Fleet Care)	-	-	•	•	•
CCP (Comac Corrosion Protection)	•	•	•	•	•
SSC (Solution Smart Control)	-	-	•	•	•
Fast filling system	•	•	•	•	•
Tool-holder hook	•	•	•	•	•
Kit for cleaning accessories	•	•	•	•	•
Antibacterial tanks	•	•	•	•	•
Easy Clean	•	•	•	•	•
Elastic net as object holder	•	•	•	•	•
Lithium batteries	-	-	•	•	•
ReWater	-	-	•	•	•

TECHNICAL DESCRIPTION		Antea 50E	Antea 50B	Antea 50BT	Antea 50BTS	Antea 50BTO
Solution tank	l	40	40	40	40	40
Recovery tank	l	60	60	60	60	60
Detergent tank capacity (CDS)	l	-	-	3	3	3
Voltage and nominal power	V/W	220/825 - 110/825	24/920	24/1100	25/1200	24/1000
Working width	mm	508	508	508	500	508
Squeegee width	mm	700	700	700	700	700
Working capacity up to	sq.m/h	1250	1250	1780	1750	1780
Disc brush	(n.) mm	(1) 508	(1) 508	(1) 508	-	-
Cylindrical brushes	(n.) mm	-	-	-	(2) 110x500	-
Debris hopper capacity	l	-	-	-	4	-
Rectangular pad	(n.) mm	-	-	-	-	(1) 355x508
Brush pressure	Kg	23	23	23	25	25
Brush motor	V/W	220/375 - 110/375	24/500	24/500	24/600	24/400
Brush revolution/orbital	rpm	140	140	140	700	2300
Vacuum motor	V/W	220/450 - 110/450	24/420	24/420	24/420	24/420
Suction vacuum	mbar	121,5	124	124	124	124
Traction	-	Semi aut.	Semi aut.	aut.	aut.	aut.
Traction motor	V/W	-	-	24/180	24/180	24/180
Forward speed	Km/h	3	3	0÷3,5	0÷3,5	0÷3,5
Battery compartment dimensions (LxHxW)	mm	-	350x285x355	350x285x355	350x285x355	350x285x355
Max gradient at full load	%	2	2	10	10	10
Batteries	V/Ah C5	-	Gel 12/112 Wet 12/110	Gel 12/112 Wet 12/110 Litio 24/50 Litio 24/100	Gel 12/112 Wet 12/110 Litio 24/50 Litio 24/100	Gel 12/112 Wet 12/110 Litio 24/50 Litio 24/100
Machine dimensions (LxHxW)	mm	1177x992x591	1177x992x591	1177x1009x591	1156x1009x612	1071x1009x591
Machine weight (without batteries)	Kg/lbs	80	80	87	90	89
Sound pressure level (ISO 11201)	dB (A)	<70	<70	<70	<70	<70



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Comac S.p.A. org. cert. ISO 9001, ISO 14001, ISO 45001, SA 8000, ISO 14064-1

