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Commercial Cleaning Equipment
The Equipment Specialists

antea

The scrubbing machine that makes cleaning easier

Available in three versions you can customize to optimize the cleaning intervention

Antea is a walk behind scrubbing machine, battery powered, 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, with traction (BT version) or without it (B version). Moreover, they come with traction also the scrubbing-sweeping version with 2 cylindrical brushes (BTS) and the new orbital version (BTO).

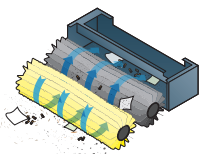
Antea stands out for its new design that provides reliability and sturdiness. Such qualities are granted also by innovative choices, like the use of a pressure die-cast aluminum squeegee mount, machine frame and brush head. The operator will find the machine very easy to use and to manoeuvre. Its compact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

PLUS 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

Antea 50 B/BT

Antea 50 BTS



The scrubbing-sweeping version is equipped with two cylindrical brushes that enable to pick up small debris and convey them in a dirt hopper

Antea 50 BTO Orbital

Thanks to the high frequency oscillations, Antea 50 BTO Orbital allows you to get outstanding cleaning results saving energy, water and detergent.

Designed to help even unskilled operators

1. All functions at a glance

The simple control panel of Antea 50 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.**

Eco device
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.

Reduces noise levels

Reduces energy consumption

Control panel of B version

Control panel of Antea 50 BT

2. How to start. Solutions to properly dose the detergent

Without CDS

Antea solution tank has a measuring cap that helps to add always the proper detergent amount

With CDS

COMAC DOSING SYSTEM CDS

Separate water and detergent management

3 litres detergent tank

Traction versions 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%.

Robust and reliable design, built to last

2. How to start. Solutions to properly dose the detergent

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

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.

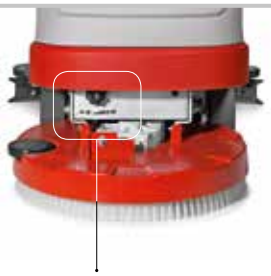
The recovery tank lid can hold small objects

3. Use: details that guarantee reliability over time

The chain to lower the squeegee is robust, made of steel, and equipped with an ergonomic handle, made out of die-cast aluminum.

The brush head is lowered/lifted through a comfortable pedal

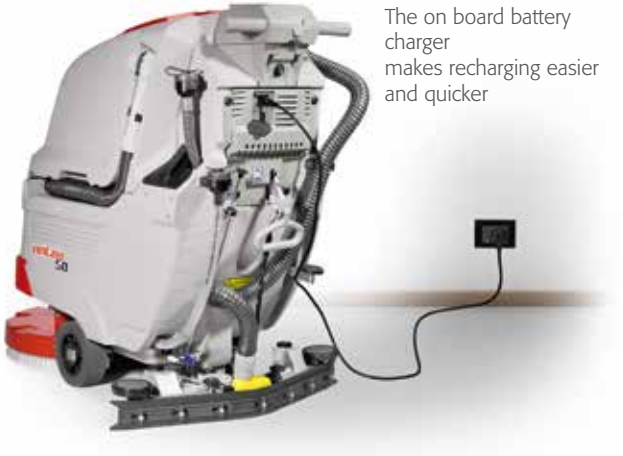
The frame, the squeegee mount and the brush head are made out of die-cast aluminum, that makes them robust and shock proof (Antea 50 B/BT)



The brush can be easily adjusted without any tools to clean any type of floor

Antea 50 BT 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 emergency maintenance.

SAFETY
The emergency button allows to immediately stop the machine in case of emergency
(traction versions)



The on board battery charger
makes recharging easier and quicker

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.

Proper daily maintenance keeps cleaning performances constant over time

Yellow color-code identifies the parts involved in daily maintenance.
At the end of the shift the operator can easily and quickly find what parts have to be sanitized, without wasting time.

4. Daily maintenance: handy and fast

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.

For an effective vacuuming the suction filter must be kept clean

Solution filter cleaning

Rubber blades replacement or rotation are carried out in few seconds without any tools

The large diameter of the drain hose allows to quickly empty the recovery tank

Full access to components makes easier both regular and extraordinary maintenance.

The scrubbing-sweeping version (Antea 50 BTS) is equipped with a debris hopper that can be easily emptied taking it out from the right side

Optional accessories

A simple device allows the quick filling of the tank with clean water without the presence of the operator

Antea is available on request with an elastic net that can hold additional cleaning products that allows to complete the cleaning operations.

It is also possible to equip Antea with a hook to hold the brush, the squeegee or the tank lid, useful for machine store or maintenance.
The tool-holder hook and the object-holder net can be both installed together

STANDARD EQUIPMENTS	Antea 50B	Antea 50BT/BTS	Antea 50BTO Orbital
Comfort			
Analog display	•	-	-
Hour meter	•	•	•
Electronic control panel with diagnostics	-	•	•
Brush head lifting by pedal	•	•	•
Ergonomic squeegee handle	•	•	•
Manual brush adjustment	•	•	-
Speed adjustment	-	•	•
Squeegee with polyurethane rubber bars usable on 4 sides	•	•	•
Color-coded parts for easy maintenance	•	•	•
Accessory holder on the tank lid	•	•	•
Flexible hose for fast water filling	•	•	•
Water level indicator	•	•	•
Automatic parking brake	-	•	•

STANDARD EQUIPMENTS	Antea 50B	Antea 50BT/BTS	Antea 50BTO Orbital
Safety			
Emergency stop	-	•	•
Antiskid wheels	•	•	•
Automatic brush uncoupling	•	•	-
Die-caste aluminum frame	•	•	•
OPTIONAL			
Eco Device	-	•	•
CB (on board battery charger)	•	(as standard)	(as standard)
CDS (Comac Dosing System)	-	•	•
CFC (Comac Fleet Care)	-	•	-
Fast Fill	•	•	•
Tool-holder hook	•	•	•
Elastic net as object holder	•	•	•

TECHNICAL DATA		Antea 50B	Antea 50BT	Antea 50BTS	Antea 50BTO Orbital
Squeegee width	mm	705	705	705	705
Disc brushes Ø	(n.) mm	(1) 510	(1) 510	-	-
Cylindrical brushes Ø	(n.) mm	-	-	(2) 110 x 500	-
Rectangular pad	(n.) mm	-	-	-	(1) 350 x 500
Oscillations per minute	n.	-	-	-	3500
Debris hopper capacity	l	-	-	4	-
Brush motor	V/W	24/500	24/500	24/600	24/400
Brushes rpm	rpm	140	140	700	-
Suction motor	V/W	24/424	24/424	24/424	24/424
Traction motor	V/W	-	24/180	24/180	24/180
Suction vacuum	mbar	120	120	120	120
Forward speed	km/h	3	3,5	3,5	3,5
Type of drive	-	semi aut.	aut.	aut.	aut.
Battery compartment dimensions (L x h x w)	mm	350 x 270 x 355	350 x 270 x 355	350 x 270 x 355	350 x 270 x 355
Gradeability	%	2	10	10	10
Batteries (GEL) (n.)	V/Ah C5	12/112 (2)	12/112 (2)	12/112 (2)	12/112 (2)
Batteries (WET) (n.)	V/Ah C5	12/110 (2)	12/110 (2)	12/110 (2)	12/110 (2)
Batteries weight	kg	76	76	76	76

	Working width mm	Brushes pressure	Power supply V/ traction	Solution tank l	Recovery tank l	Working capacity up to sq.m/h	Machine dimensions mm L x H x W	Machine weight kg (without batteries)
Antea 50B	510	23	24/semi aut.	40	60	1500	1175 995 595	80
Aneta 50BT	510	23	24/aut.	40	60	1750	1175 995 595	87
Antea 50BTS	500	23	24/aut.	40	60	1750	1205 995 605	95
Aneta 50BTO Orbital	500	20	24/aut.	40	60	2000	1175 995 595	90

B - Battery powered machine with voltage value

Machine for commercial use

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