

MANUALE D'USO E MANUTENZIONE DELLA MACCHINA
USING AND MAINTENANCE MANUAL FOR THE MACHINE
BEDIENUNGS- UND WARTUNGSANLEITUNG DER MASCHINE
MANUEL D'EMPLOI ET ENTRETIEN DE LA MACHINE
MANUAL DE USO Y MANTENIMIENTO DE LA MÁQUINA



EVELINE-BATTERY

LEGGERE ATTENTAMENTE PRIMA DELL'USO DELLA MACCHINA
READ CAREFULLY THIS MANUAL BEFORE USING THE MACHINE
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LIRE ATTENTIVEMENT AVANT L'EMPLOI DE LA MACHINE
LEER ATENTAMENTE ANTES DEL USO DE LA MAQUINA

Generalities

Eveline-Battery is a machine designed for a complete cleaning and sanitizing of places in which can coexist areas of different type, such as: restrooms, transit areas, working areas, offices, store rooms, changing rooms, café and restoration areas. With Eveline-Battery it is possible to spray a solution of water and chemical on the surfaces to be cleaned. In a second step, the solution and the dirt are removed by rinsing the surfaces with clean water. Then, with the same machine, it is also possible to vacuum the residual liquid from hard floor and to wash hard floor with the injection-extraction system.



Safety instructions (read carefully)

Every electrical device must be used for its particular function only, respecting the manufacturer's instructions. Failure to adhere to the instructions could result in serious person injury, electric shock, fire or explosion.

The nowadays machines are normally produced according to the accident prevention regulations and are often homologated by qualified institutes for the safety, but nobody and nothing can save irresponsible users from danger.

Please, read carefully the following points and be sure to understand everything before using the machines. The following information signals potentially dangerous conditions to the operator or equipment.



WARNING: Fire or Explosion Hazard.

- Do not spray water near electrical outlets.
- Do not use the machine to spray or to suck dust, corrosive liquids (acids or bases) and explosive or inflammable liquids.
- Do not use the machine in an explosive atmosphere. This machine is not equipped with an explosion proof motor. The electric motor will spark when powered on which could cause a flash fire or explosion if machine is used in an area where flammable vapors/liquids or combustible dusts are present.
- Never use flammable liquids or operate machine in or near flammable liquids, vapors or combustible dusts.



WARNING: Electrical Hazard.

- Before putting the machine's plug in the current socket, check that the voltage available is the same indicated on the label of the machines.
- Be sure that the electrical system is well earthed and that it has a safety differential switch.
- Verify that the cable plug is complying with the outlet.
- Do not modify plug.
- Do not use adapters or multiple sockets, without knowing the electrical input of each user.
- If any electrical extension is used, check that it corresponds to the absorbed power of the machine and that the connection of the plug with the socket is complying and sealed.

- Take care of the electrical cable. It must be integral and protected from water, tears and chemical agents. Do not repair the cable in case of tears, but replace it with a new one. The cable must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not pull the cable to drag the machine or to pull the plug out.
- Pull the plug out only when the machine is switched off.
- Do not handle the plug with wet hands.
- Unplug cable before servicing machine.



FOR SAFETY:

- Do not let the machine being used by children and people unable to understand the danger connected with the use of electrical power.
- Do not bring the end of the suction hose or one of the accessories near your face or others', particularly near ears and eyes: the sucked air could seriously damage them.
- If the machine is used as a wet vacuum cleaner, you must check the level of water in the recovery tank, in order to prevent water from being sucked by the vacuum motor.
- Avoid to vacuum a big quantity of foam altogether. This might be sucked into the vacuum motor and damage it. In some cases it is advisable to put some anti-drop chemical into the recovery tank. Follow the indications of the paragraph "Working method".
- In case of abnormal working (very noisy motor, not running pump, extreme temperature rise, or other suspicious signals) switch off the machine and pull the plug out.
- If foam or liquid escapes from the machine, switch machine off immediately.
- After using, store the machine, well cleaned, in a cool and dry place.

The manufacturer cannot be held responsible for any damage/injury caused to persons or property, because of the incorrect use of the machine due to procedures being used which are not specified in this instruction manual.

Attention: all the electrical repairs must be performed by qualified personal only!



PROTECT THE ENVIRONMENT

Please dispose of packaging materials and old machine components in a safe environmentally way according to your local waster disposal regulations.



Always remember to recycle.

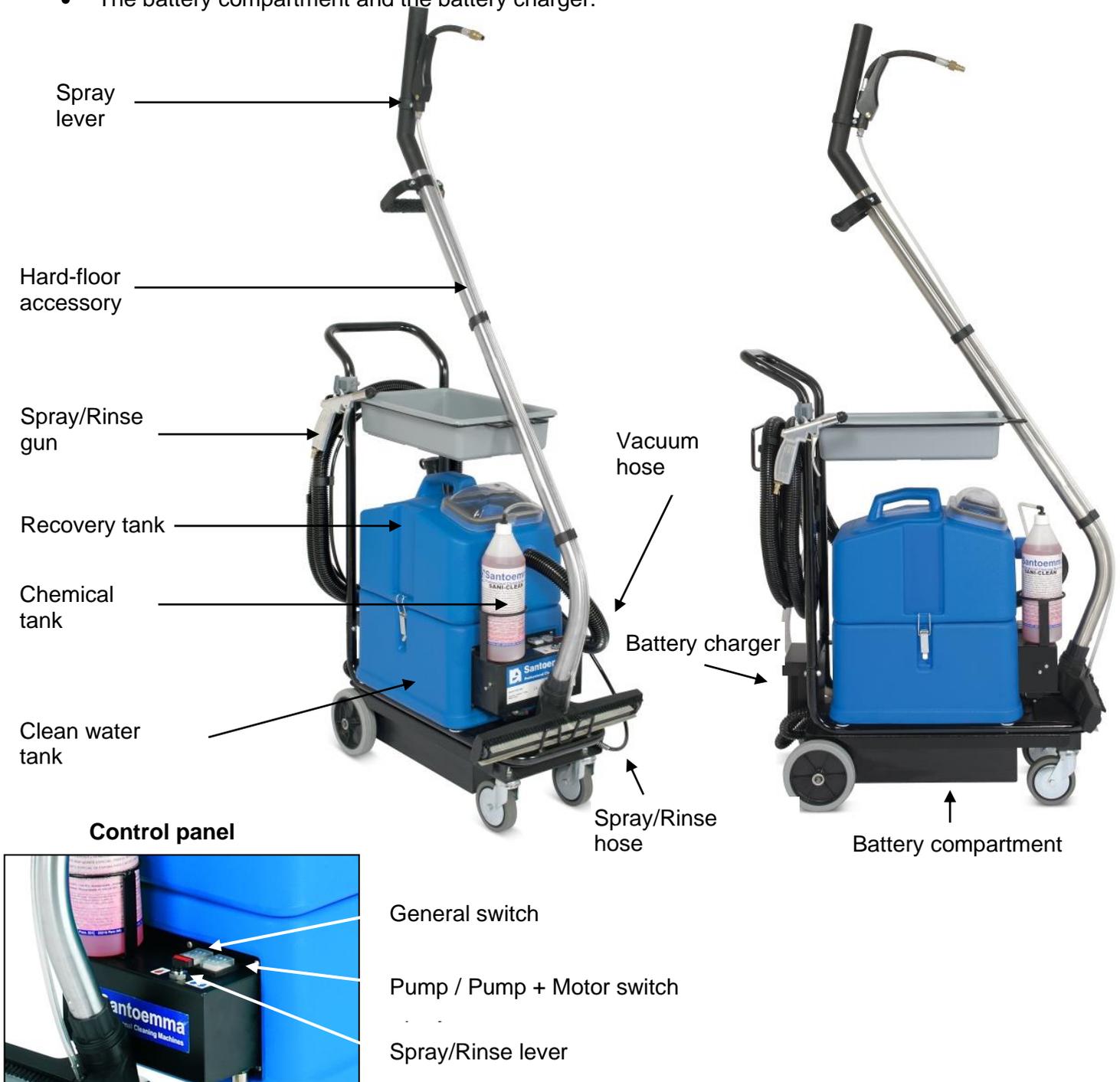
Structure of the machine

Eveline-Battery is composed by the following parts:

- Machine body,
- Spray/rinse pipe and vacuum tube,
- Spray/rinse gun, to spray solution and rinse,
- 1 bottle of special sanitizing chemical SANI-CLEAN.

The machine body contains all the necessary devices for spraying solution, rinsing and vacuuming:

- The lower tank, containing the water used to spray solution and rinse,
- The upper tank, used to recovery the dirt sucked with the vacuum motor,
- The solution pump and the vacuum motor, situated inside the lower tank,
- The control panel to switch on/off pump and motor and to commutate from solution to rinse mode.
- The battery compartment and the battery charger.



Preparation for work

Before starting work, it is necessary to check that the batteries are completely charge. The battery status is indicated by 3 leds, located on the battery charger. The GREEN light indicated that the batteries are charged and therefore the machine can be used. The YELLOW light indicates that the residual autonomy is reduced (few minutes), while the RED light indicates that the batteries are completely discharged and must be immediately re-charged (see paragraph "**Batteries recharging**"). To save energy, the leds will automatically switch off when the machine is not used. Therefore, to see the battery status, it is necessary to switch on the machine (pump or vacuum motor switch).

ATTENTION: Batteries must be recharged after each use to preserve their lifetime. In particular, the machine must be recharged after un-packaging, since the batteries might have discharged during machine's transport or storage.

ATTENTION: Connect the plug of the battery charger to a proper electrical socket, provided of grounding. Read carefully the indications in the safety regulation paragraph.

To prepare the machine for work, do the following operations:

1. Connect the spray/rinse gun to the solution/rinse hose.
2. Put some fresh water into the solution tank. Put only water, without chemical. Use clean buckets only. In fact, the water put in the tank will be used later also for rinsing.
3. Verify that the chemical tank is well connected to the input of the detergent on the regulation panel and that it is not empty.
4. Put the general switch, located on the control panel, on the position "I". The led light on the same panel will switch on.

NOTE: The machine was studied to work correctly with the products **SANI-CLEAN**, **SUPER-CLEAN** and **ACID-CLEAN**. We cannot grant the correct working of the machine with different products.

Working method for NEBULIZATION OF A SANITIZING SOLUTION

To spray a nebulized solution, you need to use the spray gun, together with one of the nebulizing nozzles provided with the machine:

- the **stainless-steel nozzle**, for a very fine spraying
- the **brass** nozzle (optional), for a fine spraying
- the **green** nozzle (optional), for more powerful spraying

Add the chemical in the lower tank of the machine.

NOTE: When you spray with one of the above nebulizing nozzles, the machine **will not take the chemical automatically** from the chemical bottle. The machine will spray the solution contained in the lower tank. In order to pick up chemicals automatically, it is necessary to use other nozzles (**the grey nozzle** supplied as standard or **other optional nozzles**, such as the **red** or **blue** nozzles).

Be sure you use a correct chemical, not damaging the surfaces you are going to treat!

Working method for CLEANING AND SANITIZING SURFACES

The cleaning process is carried out through 4 steps:

- A. Solution spraying and chemical action,
- B. Rinsing and finishing,
- C. Vacuuming the residual of liquid,
- D. Washing hard-floor with the injection-extraction system

STEP A – SOLUTION SPRAYING AND CHEMICAL ACTION

1. Switch on the solution pump, by acting on the pump switch, located on the control panel.
2. Turn the “solution/rinse” lever in the “solution” position (orange drop ), to allow picking up the chemical. During solution spraying, the chemical is automatically dosed with a concentration of about 4%.
3. To spray the solution, press the lever on the accessory. Spray solution uniformly on the surface to clean, keeping the nozzle of the gun at a distance of about 30-40 cm from the surface. It is enough to cover the surfaces to be cleaned and sanitized, with a little quantity of chemical.

4. Proceed from the top to the bottom and cover all the surfaces to be cleaned.

While you spray the solution in the further areas, this acts chemically on the already sprayed surfaces.

Time necessary for the chemical action

After spraying, it is necessary to leave the solution act for some minutes on the surfaces. If the spraying step has required some minutes, the first surfaces to be sprayed are ready to be rinsed.

The time necessary for the chemical action might vary according to the type of surface and to the type of dirt. For a wall with average-smooth panes, it should be enough to leave the chemical act for 2-3 minutes.

NOTE: We advise to wait the necessary time for the solution to perform its chemical action, in order to obtain the maximum result.

STEP B – RINSING AND FINISHING

In order to perform the rinsing, it is necessary to commutate the machine from the “spray mode” to “rinse mode”, as follows:

1. Turn the “spray/rinse” lever in “rinse” position, on the control panel (blue drops ) in order to spray water only, without any chemical.
2. Press the lever on the accessory. We suggest to proceed rinsing the vertical surfaces from the top to the bottom.

Water used for rising will flow down along the walls, together with the solution and the dirt removed. If the area cleaned has a drain hole on the hard floor, it is be possible to push the liquid toward the drains, using the floor wiper.

STEP C – Vacuuming the residual liquid from hard-floor

After completing the cleaning of vertical surfaces, the sanitary fixtures and all the surfaces to be cleaned, it is possible to vacuum the residual liquid from hard floor.

This operation is particularly useful in case there are not drain hole on hard floor in the nearby.

To vacuum the liquid, proceed as follows:

1. Connect the machine to the floor tool, using the vacuum hose.
2. Switch on the vacuum motor.

NOTE: The capacity of the recovery tank is enough to vacuum all the liquid previously sprayed with a full tank of the clean water tank. After vacuuming the residual liquid, do not re-fill the clean water tank before draining the recovery tank. Furthermore, avoid to vacuum liquid not sprayed by the same machine, but for example by other sources. In this case in fact the quantity of water vacuumed into the recovery tank could be excessive for its capacity. If this should happen, check often the level of the recovery tank.

STEP D – Washing hard floor with the injection-extraction system

Using the hard floor accessory supplied with the machine, it is possible to wash hard floor injecting clean water and chemical, or clean water only, and vacuuming. In this way, hard floor is perfectly cleaned and dried.

1. Connect the hard floor accessory to the machine using the vacuum hose and the spray hose.
2. Act on the control panel to spray water and chemical or water only.
3. Spray on hard floor, pressing the lever situated on the handle. It is possible to brush hard floor thanks to the bristle brush situated below the vacuum head.
4. Vacuum the liquid with the hard floor accessory

According to the hard floor dirt degree, it is possible injecting water and vacuuming simultaneously, or injecting, brushing and vacuuming afterwards.

Optional accessories

With optional accessories, it is possible to use Eveline-Battery also to clean carpet, rugs, upholstery and inside of cars.

Batteries recharging

The machine has an incorporated battery charger, allowing to recharge the batteries by simply plugging the plug in a wall socket (100-240V 50/60Hz). During charge, the 3 leds on the battery charger show the batteries status. The RED light on means that the battery is completely discharged. The YELLOW light on means that the battery is almost charged, while the GREEN light on means that charging is almost complete. The necessary time for a complete charge is around 8 hours.

NOTE: During charge, an internal protection system prevents to use the machine.

Maintenance

The model Eveline-Battery is a machine for professional use. The warranty has a duration of one year and regards all the faults due to manufacturing defects. The faults due to improper use are not covered by warranty.

For a good preservation of your machine, do the following:

1. After using the machine, before storing it, remove all the water from the 2 tanks.
2. Periodically clean the clean water filter, removing it from the machine and rinsing it under water.
3. Clean the chemical filter.
4. Periodically check and clean the filter of the vacuum motor, which is located between the 2 tanks.
5. Eliminate the lime that, in the long run, deposits in the hydraulic circuit, by putting a special anti-lime chemical in the solution tank and letting it work for some hours. Use the same products used for dishwashers. Empty and then rinse the solution tank. This operation should be done every 6-8 months.
6. Periodically bring the machine to a technical service point, to check the correct working of all the parts subject to wear. In particular: pump and vacuum motor. There are some parts, like carbon brushes, bearings, and so on, which must be replaced on time to avoid serious damages to the components upon which they are assembled. These damages cannot be then covered by warranty. This check should be done every 500 working hours.
7. In the time, the autonomy of batteries tends to reduce with aging. When the autonomy of batteries becomes too low, it is necessary to replace them with new ones. To replace batteries, contact the distributor where you purchased the machine. Used batteries must not be thrown in the garbage, but brought to the distributor where you purchased the machine.