



leader in **dry steam** technology



steam mop

unifies the cleaning power and degreasing ability of vapor with the microfiber technology capable of capturing dirt and dust thanks to its electrostatic charge. The steam mop is the practical solution for effective cleaning of any type of floor or pavement.



twister

From the Menikini research is born "TWISTER", the patented new revolutionary system, able to realize a deep cleaning and sanitize large surfaces and carpets, in every sector.

Twister is a special nozzle with a lot of advantages:

- reduction of working time
- increase of productivity
- incredibly deep and fast cleaning action
- perfect for restoring and cleaning all car interiors and exterior details
- regeneration of fabrics, carpets and sofas



desert steam gun

Born from the research of fluid dynamics, "DESERT STEAM GUN" increases the machine steam power by another 30%.

The combination of steam at 10 Bar (185° C), generated by the Menikini machines, with the "DESERT STEAM GUN" provides the best performances on the market in steam and cleaning power.



frosty

"FROSTY" is a Patented device of ventilation of the body of the machinery which contains the boiler.

Menikini therefore ensures maximum safety for users and long time durable components and electronic circuits. No overheating of the external body of the machinery, no burn risk for the operator.



General Vapeur S.r.l.

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industrial sanitizing
with ecological dry steam

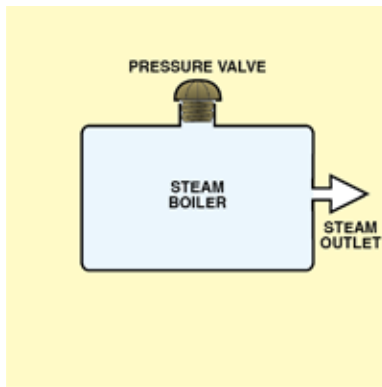
key features



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boiler properties

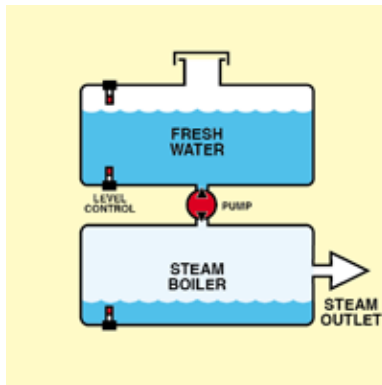
key features



standard boiler

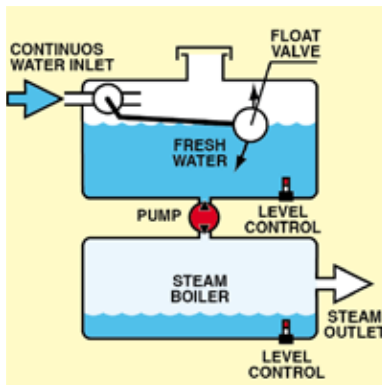
In the basic version of steam generators, the boiler works also as a reservoir for fresh water. With a load of water you can work about 2 hours (depending on the model).

The boiler is always made of anticorrosive and anti-scale 304 stainless steel in order to guarantee duration in time of the steam generator.



unlimited autonomy

Steam cleaners with this feature have two water chambers: a pressurized boiler tank and a non-pressurized tank. That allows the operator to add water to the machine while it's still running. Menikini's unlimited autonomy steam cleaners are equipped with an electronic level sensor that refills the boiler when the level of water inside it is not enough. As a result, the machines avoid drops in pressure and temperature during use.



continuous fresh water inlet

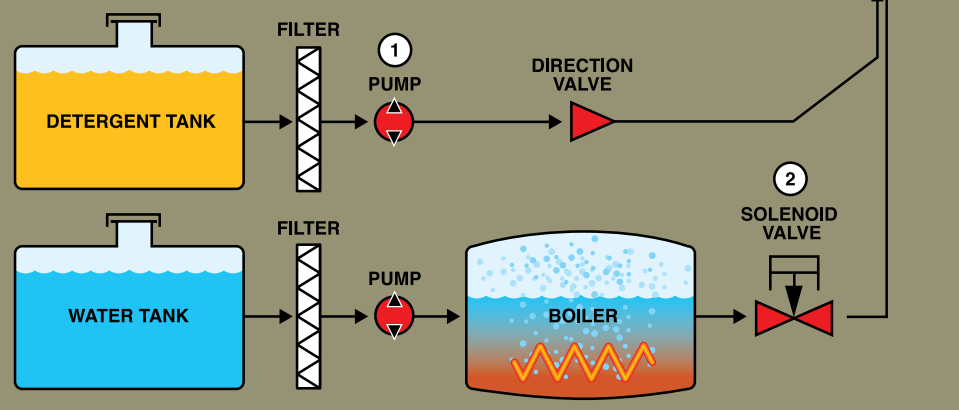
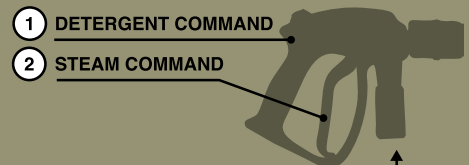
Some of our industrial steam cleaners include an automatic direct water refill that connects the machine to a water pipe and refills the fresh water tank as needed.

Continuous water refill systems can also be refilled manually if a water line is not available.



detergent tanks

These tanks hold and dispense cleaning chemicals. Some of our steam cleaning machines include simple handle controls that allow the operator to control the detergent and steam flow while cleaning.



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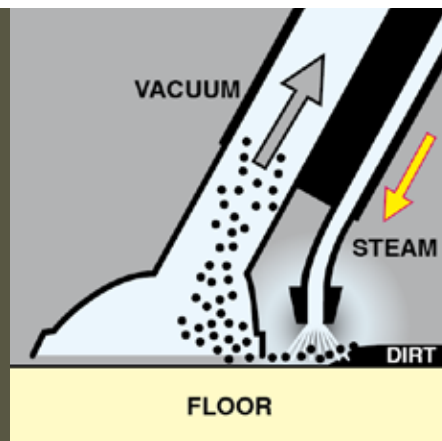
key features

unique characteristics

- 100% made in Italy
- The Connector of the flexible hose which is outside the steam generator valve, is made of aluminium with a cooling finning, in order to allow the operator to connect and disconnect the pipe even without protective gloves, thus eliminating burn risks.
- The pipe inside the flexible hose is connected to the steam discharge valve is made of Teflon with a double covering grid.
- The flexible hose is designed with a system which prevents any structural deformations caused by particular positions or hose bending by the operator. Menikini only uses special flexible pipes, which are both heat-resistant and shake-proof.
- The Vaporization and Aspiration functions may be activated separately, thus allowing a very flexible use of the machinery.
- Steam stopcock of Menikini machineries reaches a maximum temperature of 47 - 55° C compared to the 110° C of competing machineries, due to a special ball grip made of low thermal conductivity material.
- Possibility to visibly control, through lateral holes, the liquid level in the tanks of water, detergents and/or disinfectants.



- In the models provided with aspiration, the engine and aspiration pump are soundproof, in order to protect the operator and to allow the use of the machinery in places where sound pollution must be reduced.
- The aspirator is provided with a number of air filtering levels in order to detain the micro particles of dust, thereafter guaranteeing both the quality of the air which is re-introduced in the rooms and the possibility to use the aspirator in hospitals, clean rooms and controlled atmosphere chambers.
- The container which takes in the aspirated dirt is easily extracted and cleaned.



- The machine bodies do not include exterior rubber. They are made of noncorrosive 304 stainless steel with smoothed corners. This allows a longer life and better cleaning and disinfecting of the machine body as there are no places where dirt may hide.

- The machine bodies are provided with a display protector, under which the manometer and the machine operating indicators are placed. This stainless steel bumper is placed frontally. In this way the critical parts of the machinery are preserved and risk of breakage is reduced.



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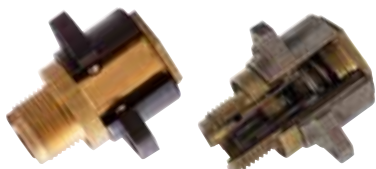
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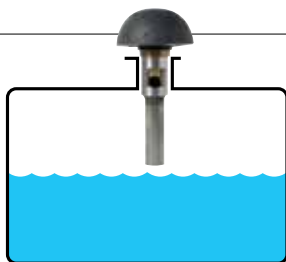
Patented unscrewing cup with safety valve

The safety valve lets steam off in case of excessive pressure in the boiler. When the pressure of the boiler exceeds 0.5 bar, the steam pushes the floating core up and the spheres get in allowing to pivot without unscrewing. The Safety valve lets steam off in case of excessive boiler pressure.



Industrial safety valve

In case of malfunctioning of all the previous safety devices, the industrial safety valve lets steam off when the pressure in the boiler is excessive.



Steam dome

Steam quality depends of the proper ratio between water and steam dome inside the boiler. The patented pipe union (see pictures) is designed to provide the best water/steam ratio in the boiler.



Patented bi- solenoid valve with auto-cleaning system

The patent bi-solenoid valve allows to get 3 different steam quantities. The floating core, when the coil is stimulated, moves towards the fixed core in order to make steam flow in. The central pivot allows the total removal of scale present in the standard solenoid valve.



Heating elements

All heating elements are in Incoloy 800, a material designed for high temperature applications. It resists up to 600° C and will not become embrittled even after a long usage period. Each boiler is provided with a specially designed high efficiency heating element that allows a short start-up time (14 W/cm²).



Boiler 6/16 It

The Menikini stainless steel Boiler is made in AISI 304 with 6 mm of thickness custom designed and PED certified. The vertical design allows to have a large dry steam chamber. The heating elements are flanged for easy cleaning and boiler inspection.



picture 1 - picture 2

Break test result on 3,6 It boiler that works at 7 bars

All boilers are subjected to break test in order to guarantee safety and durability. Pictures 1 and 2 are showing a boiler before and after break test. The boiler has resisted up to 22 times more than the standard operating pressure.

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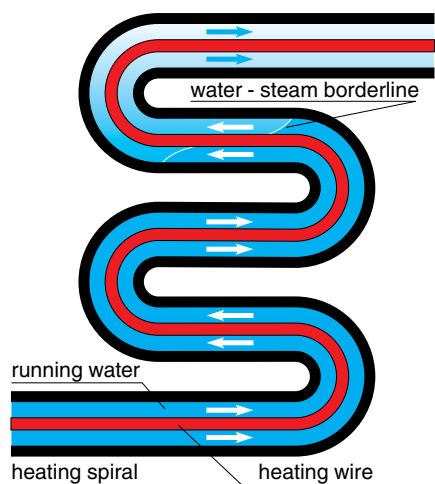
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Patented heating coil system for 36 - 54 and 72 kW

Water runs through the heating spiral and is heated up by a wire. Before leaving the heating spiral, the water turns to steam and is pumped to the consumer. This system optimizes the steam output with the minimum power consumption.



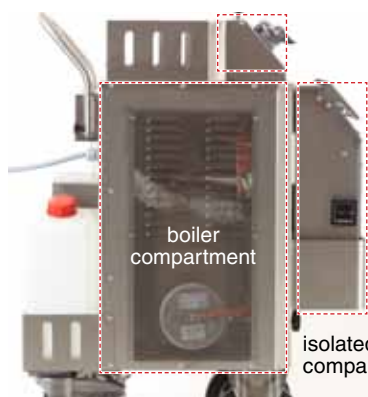
Customized accessories

We are able to develop the correct accessories for your industrial application.



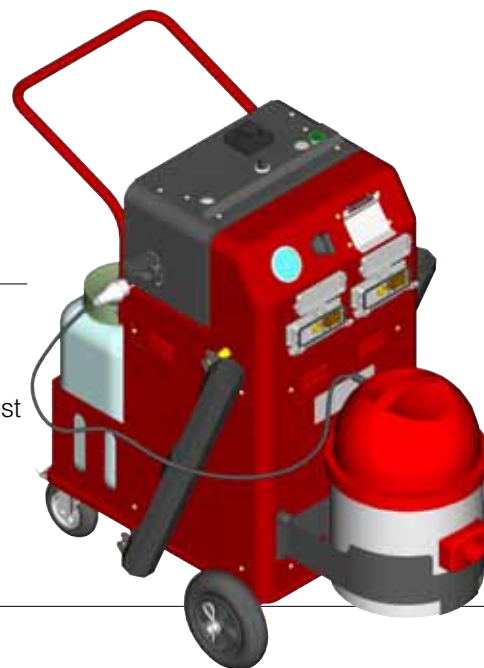
The power of the steam nozzle

Different tips designed for a specific machine. For each machine power we have designed the correct steam tip in order to guarantee a specific steam output per minute, while maintaining always at the right operating pressure.



The heed of the electrical components

In all machines electrical components are separated and isolated from the body. In this way we prevent all overheating problems due electrical parts as wires, electronic boards etc.



Internal technical office with 3D modelling

Our projects are developed in the internal technical office with the latest 3D modelling technology.

Production control

Each component, as well as the entire assembling process together with the finished machines are subjected to rigorous quality controls.

1st step in line test

Performance testing of single machine parts and all pipe and electrical connections during production and assembling.

2nd step END OF PRODUCTION TEST

General machine performance and safety parameters according to international standards.

3rd step THERMIC SHOCK TEST

The finished machine is set aside until all components return to room temperature, following which the machine is retested for 1 hour, in full heat conditions.

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