



Santoemma

Professional Cleaning Machines

Since 1980



CARPET
Professional Cleaning Program



Santoemma Method for carpet Professional cleaning

The Santoemma CARPET program includes the widest range of machines and accessories for professional carpet cleaning, developed to solve cleaning problems in any size area. The whole range is characterized by reliability and robustness.

Santoemma has developed its own **method** for the professional cleaning of carpeted areas that achieves better results than any other system available. The following points are focussed on:

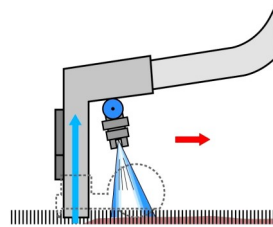
- **Quality results:** the carpet is clean like new and it gets dirty again slowly, like a brand new carpet
- Extremely reduced **drying time:** the carpet can be **dry in 1 hour!**
- **User-friendly** cleaning operations: the operator's time and effort is considerably decreased

The Santoemma Method incorporates all the cleaning factors within carpet cleaning and uses them simultaneously and optimally: **chemical action, mechanical action, temperature, time** and **vacuuming**.

Each factor has been optimized by the design of Santoemma special systems and devices that are added to a basic injection-extraction machine, transforming it into a "**Professional SET**" for carpet cleaning.

Injection-extraction system

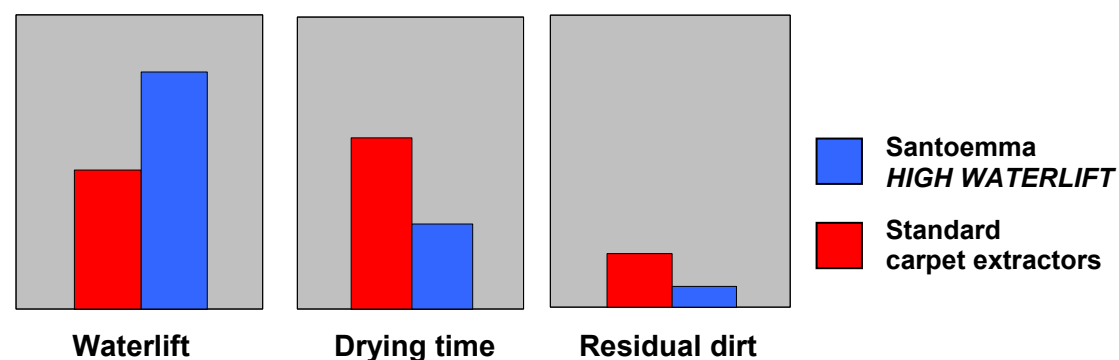
With the injection-extraction system, a solution of water and chemical is sprayed into the carpet's fibres and immediately sucked out. The solution and the dirt that is removed are recovered directly into the dirty water tank of the machine. With this method, it would usually take many passes on the same carpet area to complete the cleaning process.



HIGH WATERLIFT technology

The drying time of the carpet after cleaning greatly depends on the vacuum strength. A specially designed high waterlift vacuum system has been developed for Santoemma machines, which allows them to get up to 50% higher waterlift than standard carpet extractors. It is possible to recover up to 95% of the sprayed solution.

This results in an extremely shorter **drying time** than with normal carpet extractors. Not only is the drying time reduced, but also a **better cleaning result** is obtained. This is due to the extra solution extracted from the carpet fibres, containing extra dirt that was in the carpet. The same residual dirty solution, if left evaporating in the carpet as it usually happens, would leave the carpet not so clean as with Santoemma machines.



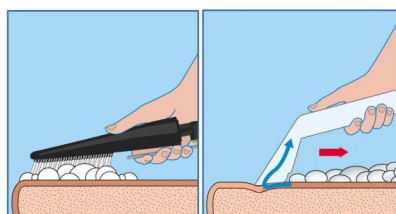


Foam Extraction machines

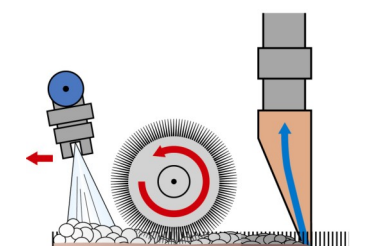


Some surfaces, like upholstery or areas with carpets or rugs near room entrances can be cleaned with foam, instead of with a solution of water and chemical. Thanks to the special Santoemma **DENSE FOAM** technology, available on some models of the range, it is possible to clean such surfaces with foam. The dense foam is spread on the surfaces, brushed and after some seconds vacuumed up. Unlike a normal solution of water and chemical, the dense foam does not penetrate deep inside the fibres, but it acts only on the superficial layer, where most of the dirt settles. The foam extraction system allows achieving excellent cleaning results and an extremely short drying time.

In order to obtain the special dense foam, the chemical solution is mixed with compressed air, obtained by a dedicated air compressor in the machine. The quality of the foam is therefore much better than the “liquid foam” of machines without a compressor. Thanks to its optimal density, dense foam does not remain on the surface of textiles, as it happens with “dry foam”, but it penetrates a few millimetres into the superficial layer of the textile where the dirt lies, assuring excellent cleaning results.



Foam extraction upholstery cleaning



Foam extraction carpet cleaning



The **Sabrina-Foam** is a foam extraction machine, with an internal compressor. It sprays a special dense foam on the surface that is to be cleaned, either being carpet or upholstery. The foam density is adjustable. Sabrina-Foam can also work as an injection-extraction machine. Its high-waterlift vacuum system allows the recovery of the maximum quantity of dirt from the carpet and upholstery. It also achieves the shortest drying time possible.

Sabrina-Foam can also be used with the power-brush tool NS270BRUSH, in order to get a better cleaning result, thanks to the mechanical action of the cylindrical brush.



HOT-Sabrina-Foam is a foam extraction machine, with an internal compressor. Thanks to a Santoemma **patented system**, the machine is able to spray the special **hot dense foam** on the surface that is to be cleaned. Hot foam is even more effective than room temperature foam and allows even a shorter drying time. The foam is instantly heated as soon as the machine is switched on and the foam density is also adjustable.

The HOT-Sabrina-Foam can work also as a **hot injection-extraction machine**. Its **high-waterlift** vacuum system allows the recovery of the maximum quantity of dirt from carpet and upholstery and to get the shortest drying time possible. The HOT-Sabrina-Foam can also be used with the power-brush tool NS270BRUSH, in order to get a better cleaning result, thanks to the mechanical action of the cylindrical brush.

Technical data

	Sabrina-Foam	HOT-Sabrina-Foam
Recovery tank capacity:	14 litres	14 litres
Solution tank capacity:	14 litres	14 litres
Vacuum motor: Power: Max. waterlift (mm H ₂ O): Max. air flow (l/sec.):	2 stages HW 1500 W 3000 50	2 stages HW 1500 W 3000 50
Pump with bypass: Power: Max pressure: Max. water flow:	vibrating 70 W 4 bar 1,5 l/min.	vibrating 70 W 4 bar 1,5 l/min.
Compressor:	350W	350W
Cleaning width (hand tool /NS270BRUSH):	100/270 mm	100/270 mm
Number of nozzles (hand tool /NS270BRUSH):	1 / 3	1 / 3
Instant heating system:	-	1800W
Max performances	20-30 seats/hour	20-30 seats/hour
Dilution rate:	1 part detergent 4 parts water	1 part detergent 4 parts water
Solution consumption (water + chemical)	30-40 grams/seat	30-40 grams/seat
Cable length:	10 m	10 m
Hoses length:	2,5 m	2,5 m
Weight (machine body):	35 Kg	50 Kg
Weight (packaged machine, including 10 Kg of chemical):	52 Kg	67 Kg
Dimensions:	32x55x86 cm	32x55x99 cm
Package dimensions:	42x65x100 cm	42x65x100 cm
Units/pallet:	1 pc/ pallet (42x65x100h)	1 pc/ pallet (42x65x100h)
Voltage:	230-240V 50-60Hz (available versions at 100V or 120V 50-60Hz)	
Standard colour:	Blue	
Tanks construction:	High density polyethylene	

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