

**Nikita** is a "step-on" carpet cleaning machine. It is ideal for very large areas of carpet and it is able to clean up to **1000 square metres** of carpet in 1 hour. In a single pass, a 70cm strip of carpet is sprayed with a concentrated chemical solution, brushed with two counter-rotating brushes, rinsed and vacuumed.

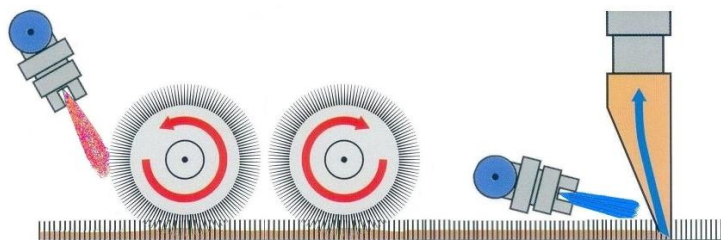
With 2 three stages high-waterlift vacuum motors, Nikita can leave the carpet almost completely dry after the cleaning process. It is possible to perform a maintenance low-moisture cleaning or a restorative deep-cleaning. The pressure of the brushes and of the vacuum head is adjustable according to the carpet type.

Turning a lever and using a specific chemical, Nikita can be used to clean the carpet with the "**Encapsulation**" cleaning system.

Moreover with the optional squeegee SQ900N, Nikita can be transformed into a **powerful step-on scrubber drier**.

The machine is equipped with a differential drive motor that gives it excellent manoeuvrability in any place.

**Main application fields:** cleaning companies, hotels, conference halls, offices, banks, cinemas, theatres, airports, schools, universities, shopping centres, places of worship and all places with large surfaces of carpet.



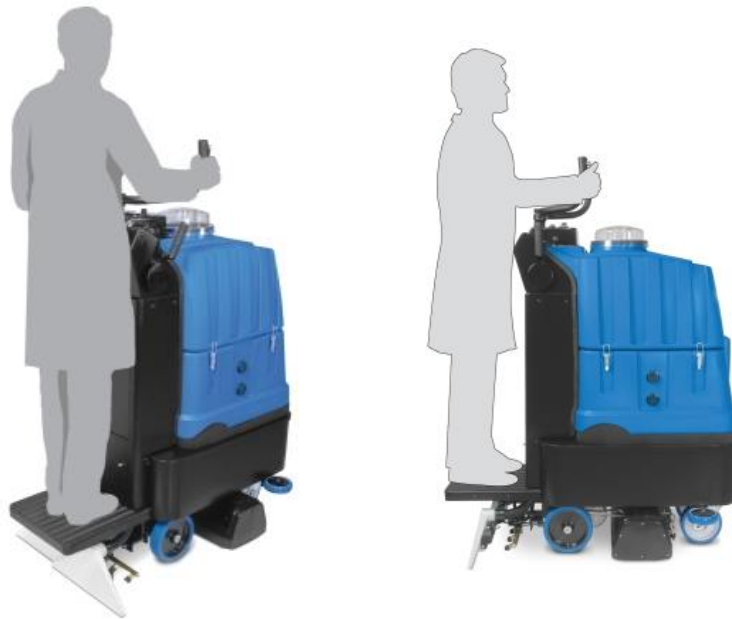
**NIKITA cleaning system**

### Advantages of Nikita:

1. It is possible to clean up to **1000** sq meters in one hour. The cost for cleaning each square meter is dramatically reduced. It is finally possible to clean thousands square meters in short time, with no effort. Which was just a dream in the past.
2. Very light to operate even on thick carpet and on slopes thanks to the driving motor with adjustable speed.
3. The special battery pack equipped, using the Spiracell technology, allows: long autonomy, higher number of battery cycles, more flexibility with partial or complete discharges, longer auto-discharge time.
4. The special battery charger supplied with the machine allows very fast recharging.
5. Prespray + Brushing + Rinsing are performed in a single pass. With a complete cleaning cycle, carpet is left completely clean and without sticky chemical residuals. Therefore it will re-soil much more slowly compared to other cleaning systems.
6. Integrated SMARTKIT system allows correct chemical dosing in each situation.
7. Possibility to perform a maintenance cleaning with Encapsulation cleaning system, by simply turning a lever.
8. Possibility to clean both carpet and hard floor with a single machine by using the optional squeegee SQ900N. The squeegee is connected to the machine thanks to a quick disconnect coupling and does not require to use any tool.
9. The tanks, with 70 litres each, allow a long working autonomy and reduce the idle time necessary for the tank filling and draining.
10. The 3 stages high waterlift vacuum motors allow an excellent suction and therefore deep dirt removal and very short drying time.
11. The special profile of the vacuum heads allows an excellent suction.



12. The sprung vacuum heads allow the best suction also in case of uneven floor.
13. It is possible to regulate the pressure of the vacuum heads according to the carpet thickness.
14. Possibility to adjust the height of the rotating brush according to the kind of carpet or floor and also according to the degree of dirt.
15. Possibility to regulate the water flow, according to the degree of dirt and to the desired drying time.
16. Possibility to connect the machine with optional tools for cleaning hard-to-reach corners.
17. All the controls are placed in a comfortable position for the worker.



### **Other technical advantages of Nikita**

1. High density polyethylene tanks, very strong and made for lasting a long time.
2. Transparent unbreakable cover, which allows to see the dirty water while it is sucked.
3. Easy to reach hole for filling the tank with clean water.
4. Drain hose for easily emptying the recovery tank.
5. Vacuum motor with thermal protection against overload.
6. The motors of the rotating brushes are powerful and reliable and allow a very deep cleaning.
7. Brush motor with thermal protection against overload (useful in case of a wrong regulation of the brush height).
8. Vacuum motor treated against rust.
9. Both motor and pump can work continuously.
10. Quick disconnect spray nozzles, which can be removed without using any tool. The nozzles can be cleaned easily.
11. Stainless steel brush bearings for a longer life.
12. Modular design that makes the maintenance easier. The maintenance of the machine can be done at low costs.



### Technical Data

Recovery tank capacity:	70 litres
Solution tank capacity:	70 litres
Vacuum motor:	2x3 stages – <b>High Waterlift</b>
Power:	2 x 850 W
Maximum waterlift:	2500 mm H <sub>2</sub> O
Maximum air-flow:	90 l/sec.
Pump with by-pass:	Membrane
Power:	80 W
Maximum pressure:	9 bar
Maximum water-flow	4,5 l/min
Drive motor:	350W – adjustable speed with differential
Automatic dosing system:	Integrated
Pre-spray system:	Integrated
Cleaning width (carpet/floor):	700 / 900 mm
Number of nozzles:	6+3
Brush:	2 x 100W 840 rot/min 604 mm
Max performance (carpet):	1000 sq meter/h
Cable length:	-
Hose length:	optional
Weight (machine body):	120 kg including batteries
Weight (packaged machine):	150 kg including batteries
Dimensions:	70x120x135 cm
Package dimensions:	80x120x155 cm
Standard colours:	Blue
Tank construction:	High density polyethylene
Batteries:	6 x 12V 75Ah

Complete machine for carpet cleaning, including:

6 batteries 12V- 75Ah each

Quick-charge battery charger (50Amps for 230V)

### Suggested optional tools

SQ900N	Squeegee for hard floor cleaning, 900 mm	
2 x 3694-30	Brush specific for hard floor cleaning	2 x
H35-RAGNOL50-T	Vacuum and solution hoses, 5 m, Ø 38 mm, ragno solution pipe (temperature resistant), metal couplings	
NS10PN-M	Plastic hand tool, with 1 spray nozzle	
NS300-M	Carpet tool with aluminium head, 3 spray nozzles, tubes in stainless steel	

#### **Santoemma srl**

Via Piave, 22/C - 20016 PERO (Milano) – Italy  
 Tel. +39.02.3391 2487 Fax +39.02.3391 2538  
 www.santoemma.com E-mail: santoemma@santoemma.com

3  
1109

#### **OMEGA d.o.o.**

Ljutomerska cesta 28 – 9250 Gornja Radgona – Slovenija  
 T: 02 561 1762 – F: 02 561 1524  
 W: [www.cistilnaoprema.si](http://www.cistilnaoprema.si) – E: [info@omeqadoo.si](mailto:info@omeqadoo.si)