

Specialist Information



NEW hako
PURE WATER



force
NO CHEMICALS

Contract
Cleaning

Chemical-free work for maintenance cleaning:

The use of cleaning chemicals in maintenance cleaning by machine partly gives rise to high costs and, as a result of the unfortunately frequent over-dosage; this also contributes a not inconsiderable burden on our environment.

Cleaning with demineralised water has already been carried out successfully in other areas of cleaning for a long time (glass and façade cleaning, railway cleaning, ship cleaning, car washes etc.).

Hako has now introduced this technology to floor cleaning for the first time. Extensive tests have shown that, as far as floor cleaning with machines is concerned, excellent results can be achieved in maintenance cleaning by the use of demineralised water.

The reasons for this are obvious:

Demineralised water is particularly soft and, as a result, can wash around the dirt particles on the floor, dissolving these better and "packing" them up. The water dries up completely, without leaving any residue, stripes or lime scale edges behind.

The cleaning effect can be increased even further by using special scrubbing tools (special brushes/ micro-fibre pads/diamond pad system).

As a result the surface is prevented from getting dirty again quite as quickly; the dirt particles are not given the opportunity of attaching themselves to the residues from tensides, soaps, detergents or lime scale.

If there is stubborn dirt around then the remedy is at hand by means of spot spray cleaning. However, if there should be a request at any time to use an additional cleaning agent, then this too poses no problem. There could even be the advantage that one could work with a considerably reduced dosage.

What happens?

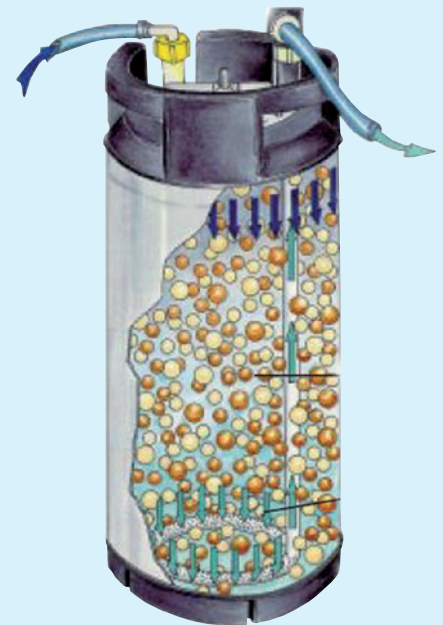
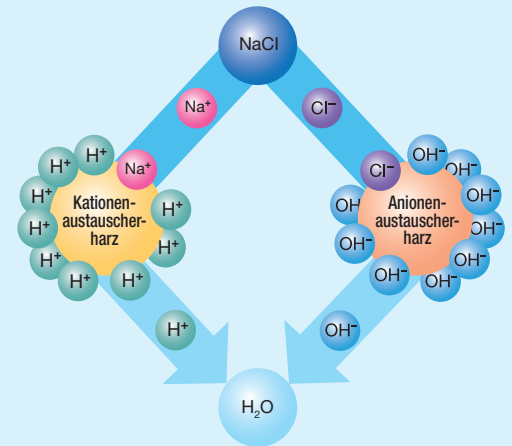
When demineralisation is carried out all minerals (salts, ions) present in the normal tap water are removed.

The cartridge with the ion exchange resins is filled with tap water. When the tap water washes around the resin all unwanted substances are "filtered" out of the water! If, after a certain time, the resins are saturated, then these can be regenerated, almost unlimited, in an environmentally-friendly process.

The lifetime of the resin depends upon the corresponding degree of hardness of the water.

Like a made-to-measure suit the size of the cartridge can be suited directly to the requirements of the customer.

E.g. a ion exchange resin unit of 45 kg has a flow amount of approx. 6,200 litres at 10°d GSG.



An uncomplicated stationary system.

The stationary system, which is offered, is simple and durable. It consists of a unit for ion exchange with cartridge.

The unit is placed at the filling station on the water connection. When filling the machine via the water hose, the tap water is processed in the ion exchanger online. The filling time does not increase as a result.

In conjunction with the automatic filling system (the machine side) the operator can carry out other extra jobs whilst the machine is being filled.

The Logistics

During the initial installation on-the-spot at the application, the hardness of the water and the daily quantities consumed are established.

From these values the life of the pure water cartridge can be calculated and a regular rota can be laid down for exchange, whereby the cartridge can be changed by Hako.



The choice is yours:

■ Hako-AquaForce-Universal

Soft brushes made of synthetic material mixture K901; suitable for all easy-care floor surfaces – robust, low maintenance, long brush life.

or

■ Hako-AquaForce-High Performance

Micro-fibre pad grey/white – particularly for micro-porous floors – ensures an extremely high cleaning performance.

or

■ Hako-AquaForce-High Gloss

Diamond pads – this system is particularly suitable for terrazzo, marble, granite and everywhere, where a shine is desired without chemicals. Cleaning and shine in one operation.



Hako-AquaForce-Economy Calculation

With your help the yearly saving can be calculated immediately taking into consideration all important parameters such as:

- Tank volume of the cleaning machine
- Degree of hardness of the water
- Price of the cleaning chemical used
- Dosage
- Cleaning interval
- Amount of times the cleaning machine has to be filled each time cleaning is carried out

Additional savings result from doing without chemicals as there is no need to consider chemical purchase costs, storage logistics, transport of chemicals (mainly undertaken by the property manager) etc.



Top Service

Convincing proof of Hako's top quality service is the close-knit Hako Sales and Service Network.

In Germany alone 160 vehicles and specialist technicians are available, who can be contacted quickly around the clock via mobile telephone.

In addition there is the unique Hako Value Package, which offers everything needed for "cleanliness with safety".



Hako-Value Package

Point by point – additional advantages for you.

General Services

- Qualified advice
- Free of charge, on the spot demonstrations
- Economy calculations
- Training for qualified machine handling

Purchase Alternatives

- Outright machine purchase
- Top quality used machines
- Leasing
- Operate Leasing
- Rental
- Opti-Hour

Financial Services

- Hire (with and without operator)
- Hire purchase

After Sales Services

- Around the clock service
- Extended warranty up to 36 months by means of additional insurance cover
- „Overnight“ delivery of spare parts
- Machine breakdown insurance
- Maintenance contract
- Accident prevention regulations
- LPG checking contracts
- Full-Service
- Mobility guarantee for Full Service (at the moment for pedestrian operated machines)
- Operator instructions and training
- Fleet invoicing
- Machine life cost invoicing
- Pro-rata warranty for batteries

Ask for the 24 page HVP brochure to be sent to you today!

With comprehensive information about everything that Hako has to offer.



Simply send a fax to:
(++49) 4531 806 338

Hako offers top solutions, made-to-measure, to suit various requirements:

Industrial Cleaning	Contract Cleaning	City Cleaning	Grounds Maintenance	Transport Logistics	Multicar
Vacuum sweepers and scrubber-driers for dust-free indoor and outdoor cleaning. As well as for intensive wet cleaning.	Scrubber-driers and vacuum sweepers, single disc and polishing machines, carpet cleaning machines, wet and dry vacuum cleaners, cleaning agents.	City vacuum sweepers for thorough cleaning of parks, grounds, footpaths and open spaces.	Multi-purpose machines and compact tractors for professional grounds maintenance all year round.	Electro-transporters and electro tow trucks for economical transport logistics and quicker company processes.	Compact tool carriers and transporters for local authorities, service providers, horticulture and landscape gardening.

Everything speaks for Hako:



Cleanliness with safety. Hako machines adhere to strict quality regulations/standards - "Quality made by Hako". We also take care of what we sell – World-wide.



Sales, hire, leasing, rental. With Hako, you can plan your capital expenditure on a completely individual basis. You can enter into short-term, medium-term or long-term agreements with regard to machine usage.



We are there for you day and night. Round-the-clock service and express spare parts delivery – order today and have the parts tomorrow! So you can get on again as quickly as possible.



Close to you, wherever you are. The unsurpassed close knit Hako sales and service network means we are always close at hand – a bonus when you need us. Convince yourself.

Hako
Clean ahead

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