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HAKO LAUNCHES AQUA FORCE, A HIGH PERFORMANCE CLEANING SYSTEM USING DEMINERALISED WATER

Hako Machines, renowned for its innovation and environmental advancements, is excited to launch Aqua Force, a new high performance cleaning system which takes advantage of all the properties and benefits of demineralised water and cleverly applies them to a cleaning application. With patents pending on this new development, Aqua Force eliminates the need for costly chemicals and banishes all the environmental impacts and various health and safety risks as well as protecting the lifespan of floor surface.

Managing Director Stuart Taylor explains: "Normal tap water contains hydrogen and oxygen, but it also has chemical elements such as calcium, chlorine, iron and copper present. Therefore, if you clean with untreated tap water and leave the floor to dry, chemical and mineral residues are left on the surface which leaves streaks and other water marks once the hydrogen and oxygen have evaporated. The same problem remains when adding cleaning chemicals or detergents, with the surface residue only attracting more dirt over shorter periods which increases the need for cleaning and diminishing the aesthetic appearance of the floor.

"By removing all the chemicals and minerals within the tap water prior to cleaning, the demineralised water strives to return to its natural impure state by actively absorbing all dirt, chemicals and minerals it comes across. As demineralised water is softer than untreated water, it washes across the floor and dissolves the dirt particles as well as penetrating the surface so it can reach and clean the smallest areas or abrasions on the floor. The floor dries quickly and to a perfect finish, dissolving the dirt and without leaving smears or residues. It is also more resistant to dirt once cleaned as there are no residues from chemicals, soaps and detergents for the dirt to adhere to and with continued use, leaves a totally sterile surface.

"Demineralised water has been used in professional window and façade cleaning and car washes to great effect but it has never been investigated as a system that can be applied to a commercial cleaning application. The advantages to customers are endless as there are no health and safety issues to consider, no training required, it delivers significant cost savings, and has absolutely no environmental impacts."

Having been extensively researched by Hako and vigorously tested with major retailers and contract cleaners in the UK and across Europe, Aqua Force is available in two delivery methods – a unit installed at the filling station or an onboard exchange filter.

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Aqua Force can be installed directly to the filling station as a standalone unit that is attached to the water connection where the machine is filled with tap water. As the machine is filled via the water hose, the unit removes the minerals to create demineralised water, without any input from the operative and without any time implications. Once filled, the machine is ready for the operative to commence cleaning. The Aqua Force unit allows those with a fleet of scrubber dryers to use this effective system across a number of machines without the financial impact of having each machine modified. The unit is maintained as part of Hako's extensive service plan by its qualified engineers.

Where there is a single scrubber dryer in situ, the Aqua Force system can be installed directly into the machine with a simple modification by an engineer. Again the system is maintained as part of the regular service plan and does not have any impact on the operative and their daily cleaning tasks.

Although Aqua Force eliminates the need for chemicals, specialist chemicals can be used for spot cleaning when there is stubborn dirt in a specific area. However, the amount of chemical required will be considerably reduced and will have no impact on Aqua Force or its lifespan. Hako's engineers can also advise on the brushes and cleaning pads that, together with the demineralised water, give the most successful result on particular floor types.

Stuart added: "Add the environmental benefits of Aqua Force to the already established advantages of Hako's Aqua Control System, which ensures accurate dosage and prevents the wasting of water. Our newest scrubber dryers also have the ability to retain the water in the perimeter of the brushes, which reduces the dosage even further as well as the need for filling and in turn increasing the performance area, and the benefits speak for themselves!

"You can even take it a step further as the environment is at the forefront of the machine's design and manufactured process as well as being recyclable so the combination of water saving, the elimination of chemicals and the machine construction creates the most environmentally sympathetic cleaning machine range on the market."

Hako UK is part of the Hako Group, one of the leading manufacturers, worldwide, of technology for indoor and outdoor cleaning and grounds maintenance. The company has factories throughout Europe. For more information on Hako and its range of machines, visit www.hako.co.uk.

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Press contact:

Andrea Seed, Marketing & Communications
Tel: 0121 224 7455, Mob: 07812 010 765
Email: andrea@hako.co.uk