## case study INNOVATION made in Germany





## "Pure" bathing pleasure through innovative cleaning systems

Lichtenfels, December, 2006 - Cleanliness and hygiene are a top priority when cleaning sports and leisure bathing facilities. The cleaning methods used must fulfil the most varying demands, in order to avoid damage to the facilities. Together with HEFTER Cleantech, a manufacturer of innovative cleaning machines, Merania Baths in Lichtenfels have developed a cleaning concept which meets all their demands.

In the midst of "God's Garden on the Upper Main" between Bamberg and Coburg lies one of the best leisure and amusement baths in Bavaria: Merania Baths in Lichtenfels. More than 100,000 guests visit this popular oasis for recreation each year. The baths are open all year round - during the summer a large lawn for sunbathing, a beach volleyball pitch and a playground are also open for use. In addition to a solidly constructed 25-metre swimming bath, a three-metre diving platform and a one-metre diving board, guests looking for quiet relaxation can enjoy the sauna area. The relaxation area offers a Kneipp "gorge", a solarium, a gush shower, massage nozzles, all of which - together with the biosauna, steam bath, tepidarium and refreshment bar - must give a spotless impression. For the top precondition for perfect bathing pleasure is cleanliness!

The hygiene standards in amusement baths require a high degree of reliability and quality. In order to fulfil these high standards, the town of Lichtenfels chose cleaning systems by HEFTER Cleantech.



Cleaning close to edges - one of the strong features of HEFTER Cleantech systems

On two levels, an area of more than 6,000 m² is cleaned several times a day with cleaning systems manufactured by HEFTER. The pool area with its special safety profile floor tiles is a big challenge. With a perfectly coordinated cleaning system, composed of a machine, soft brushes and flexible squeegees, even these difficult floors can be cleaned thoroughly.

In indoor swimming baths a strong suction mechanism is a particularly important product feature. Due to the large number of visitors, a great deal of water is splashed onto the floors. "We have to ensure that there is no danger of our guests slipping", says Mr. Koch, who is in charge of the Merania Baths. "That is why we chose the HEFTER systems, after carefully comparing and testing various systems", says Mr. Koch and praises the new cleaning machines. The arrangement of the squeegees right behind the brushes and the extremely good suction mechanism are decisive advantages of the technology used.

Merania Baths has purchased two cleaning systems from HEFTER Cleantech: a TURNADO 55 Pro with scrubber / suction heads which revolve 360° and a VARIOTECH 82 Pro with a variable working width between 61 and 82 cm.

The VARIOTECH 82 Pro with its variable working width adjusts to the various conditions in the facilities. This ensures thorough cleaning even in places which cannot be reached with other machines. This reduces the necessity of manual

touching up to a minimum, cleaning is simply quicker and more efficient.

The TURNADO 55 Pro with its manoeuvrability and narrow dimensions is used particularly in changing cubicles, cashdesk areas, in showers and in the sauna area. These areas, which are not easily accessible and which in the past could partly only be cleaned manually, can now also be reached very easily with a machine. In reverse drive, the scrubber-suction head automatically turns to the changed working direction, cleans and sucks up.

In baths there are always more germs and a higher risk of fungal and other serious infections. Particularly thorough, regular cleaning with acidic and alkaline cleansing agents reduces the diversity of soiling and prevents infections. Thorough rinsing and quick complete drying of the surfaces prevent lime residues and increased soiling caused by body fats.

The use of this innovative cleansing solution ensures that the joints, the stone and tiles are not damaged, which is often the case when technology such as high-pressure cleaners is used. The combination of machines and chemical cleansing agents specially suited to each task are the secret of success.



The variable working width of VARIOTECH 82 Pro facilitates a very productive cleaning process.

## **Further information:**

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