CASE STUDY

Fully automated cleaning of swimming pool floors

Professional cleaning of swimming pool floors is an important process in relation to water quality and hygiene at public and private swimming pools, outdoor pools and adventure centres. The intelligent cleaning robots from Mariner 3S not only ensure that swimming pool floors are visibly clean, but also avoid the need for the use of additional chemicals. GO! Express & Logistics helps the Swiss specialist to fulfil its quality pledge by providing reliable logistics support.

The fully automated cleaning machines clean the floor of the pool reliably and independently – track by track. With the latest electronics and high-quality compass technology, the compact machines can even safely work around potential obstacles, such as mushroom fountains, without the cables getting tangled. Sensors detect the edges of the pool along with integrated diving areas and control the robots securely through each pool, regardless of its type and shape, without any additional programming effort. The integrated sensors reliably record times, paths, inclines and edges, and combine all of these parameters into just two cleaning programmes. The motion patterns available guarantee thorough cleaning of the swimming pool floor. A useful feature is the ability to schedule start times. For example, the robot can be placed in the pool after bathing hours, and set to start its job three hours later.

Impressive durability

The Swiss company has been developing cleaning equipment for use under water throughout the world for 46 years. The durability of its machines is guaranteed through several patented developments. For example, the dirty water is initially channelled through a filter and then into a pump. The pump is protected from blockages and damage during this process. “Our machines are used every day under very challenging conditions. So the issue of durability was paramount from the development phase. The same applies for use of the machines by staff. Everything is always based on the idea of “How can the machine make people’s work easier?”
explains Michael Schmidt, managing director of Mariner 3S Germany. The automatic surfacing technology, removable filter in the filter box and remote control are just a few of the example of this development approach.

Precise delivery thanks to rapid service

The pool vacuums enable continuous operation of swimming pools, as they used at night. GO! has been supplying replacement parts for over 10 years, as well as a rental device in one instance and entire new systems, to all requested locations in Germany and neighbouring countries. In addition to reliability, flexibility is also an important factor. "Our deliveries are often complex and rather bulky, so we highly value the fact that GO! welcomes every challenge and always manages to delivery each consignment on time," says Michael Schmidt. Mariner 3S continues to grow – supported by its logistics partner GO!
About Mariner 3S

Mariner 3S AG develops, builds and distributes cleaning robots for the professional cleaning of swimming pool floors – for public and private swimming pools and natural outdoor pools. The company plays an important role in enabling its customers to reliably keep their swimming pools clean and thus ensure they remain attractive to swimmers over the long term. The Swiss family company, which was founded in 1945, was one of the first companies to develop and distribute automatic cleaning machines for swimming pool floors when it began working on this in 1970. Thanks to the company’s constant efforts to improve, its close collaboration with specialised suppliers and the use of high-quality materials, its highly qualified employees create cutting-edge technological products.

About GO! EXPRESS & LOGISTICS

GO! Express & Logistics is Germany’s largest unaffiliated provider of express and courier services. The worldwide partner network was established in 1984 and currently includes over 100 GO! stations in Germany and Europe. Highly qualified employees and couriers transport more than five million shipments per year.

True to the corporate philosophy IT’S ALL ABOUT TIME, GO! offers regional courier transport and worldwide express delivery of goods, documents and particularly time-critical shipments round the clock 365 days a year. Customised supply chain solutions, tailor-made industry solutions and special services in response to complex customer requirements complete the portfolio.