



HydroGroup



In Our Element



Water is our element. Over 100 employees work for the independent, family-controlled HydroGroup, to which **RWT GmbH** in Gütersloh and **Hydro-Elektrik AS** in Norway belong, together with **Hydro-Elektrik GmbH** in Ravensburg. All the companies operate independently in their respective fields of business, with the aim of becoming a market leader by pursuing common goals and co-operating closely.

A modern working environment, motivated staff, state-of-the-art technology and an innovative approach enable us to offer problem-orientated, customer-specific technologies, products and services that are second to none.

A high degree of customer satisfaction is what drives us to continuously invest in research and to develop new products and process technologies with our own brands and patents. This progressive approach makes us a competent partner in science and research networks.

Thousands of installed systems are the best evidence of our decades of experience in a large variety of fields. Consequently, our clients primarily include **cities and local authorities, water suppliers, beverage and foodstuffs manufacturers, industry, power stations, commercial companies, clinics, hotels** and both private and public **swimming pool operators**.



Water is Life

For us, this is reason enough to deal with things in depth instead of offering any superficial solutions. Consequently, the HydroGroup stands for the most exacting quality demands and for products and services that are geared towards both the market and the clients' wishes.

However, as a market leader in the **transport, treatment, storage and distribution of water**, our standard is not only a matter of producing reliable and technologically efficient systems. Rather, our systems also have extremely long service lives – even under extreme conditions.

Besides providing high-quality water treatment for almost any application, we consider ourselves responsible for “living” future prospects with regard to the conservation of our natural resources.

To prevent water from becoming the “gold of future generations”, we are working to develop modern and sustainable systems that are neither complicated nor expensive. We create these with intelligent systems that ideally combine a minimum requirement of fresh water, energy-optimized water transport and quality-maintaining storage.





Water is Purity

So that treated water remains natural, the HydroGroup has had a significant influence on water treatment technology by virtue of its own research in the field of natural **drinking water treatment**. Principle examples of this are the **oxidative process with ozone**, optimization of the traditional **multi-layer filtration**, **ozone biofiltration**, the central **softening of drinking water** or new methods in the field of **membrane technology**.

These processes are in harmony with nature and work with the minimum possible use of chemicals. They are realized using proven and reliable modules from the **HYDROZON® series of compact units** which we developed.

However, water is not just significant in feeding people, plants and animals. For industrial applications, water must fulfill certain standards regarding its physiochemical make-up and must be of perfect quality from a biological / hygienic standpoint.

The HydroGroup develops individual system solutions so that used water (waste water) that is fed back into the natural cycle can be reused. Using this **recycled and industrial water** reduces fresh water consumption, thereby reducing operating costs and conserving the environment.





Enthusiasm for Technology



Decades of wide-ranging experience and an abundance of enthusiasm for technology lie between the early pioneering solutions in the field of water systems and today's high-tech system developments. This enthusiasm is the driving force that makes trailblazing developments possible.

One prime example of this are our world-famous **HydroSystemTanks**, which are revolutionizing **drinking water storage** methods. Thanks to their hermetic encapsulation, the fully welded stainless steel tanks fulfill the most exacting hygiene, quality and safety demands.

Our enthusiasm for technology has helped us to obtain patents, but above all it has also contributed towards our clients being more than satisfied with us.

Our range of services includes:

- High quality and custom-made steel industrial systems for degassing and ion exchange and for treating boiler feed water, industrial water, cooling water and process water
- Stainless steel systems for treating drinking water, mineral water and swimming pool water
- Large stainless steel tank construction
- Switchgear and measurement, control and process control systems



Wellness Water

Wellness water once – always wellness water. This is the maxim by which the HYDROZON® systems developed by the HydroGroup work, thereby guaranteeing optimum swimming enjoyment with room air without the typical swimming pool smell.

Thanks to constant advancements and practice-based research work, the HydroGroup has developed an environmentally-friendly treatment process that works without chlorine and shows the limits of the standard chlorine process.

The unique **chlorine-free ozone-bromine method** makes the treated water especially pleasant and gentle on the skin. This is appreciated particularly by those with sensitive skin or chlorine allergies.

This makes **unwinding, feeling good and relaxing** a three-in-one swimming experience. The HydroGroup has the right solution for any standard application, whether it's used in a **private pool, therapy baths, hotel pool, whirlpool or public pools**.

We would also be happy to develop an optimized custom system for your special requirements. With our modular system technology, we can “free” existing pools from chlorine – taking into account or incorporating the existing system technology.





Flowing Energies

VE8
Networks in nature are simple, clear, functional and safe. This is the model that the HydroGroup uses to solve both simple and extremely **complex control and regulation tasks**.

An optimum combination of **high-quality hardware and reliable software** is immensely important for a smooth process. The information from all areas flows together in the core of our system, where it is independently evaluated. Consequently, the system runs **reassuringly safely**, and manual intervention is possible at any time necessary.

We attach great value to a user interface which is visually well laid-out. It doesn't matter whether a simple **programmable logic controller (PLC)** or **complex process control technology** is involved. At the same time, a reliable supply of energy to the pumps, valves and measuring equipment is equally important, as is protecting them from damaging overvoltage.

In special instances when our very high level of standardized reliability may not be sufficient, we use **networked systems with multiple safeguards**. This means that we can all sleep soundly, and the system will take care of the rest itself.



VE8

Perfect Interplay



Perfect interplay is required for the development of individual systems tailored precisely to your needs. The ideal combination of material, technology and know-how ensures excellent products and solutions. Collaboration based on partnership with our clients is at least equally important to us.

This is where we like to be traditional, focusing on values such as **reliability**, **punctuality** and **honesty**. Our advice and recommendations are given to the best of our knowledge. We are not satisfied until we can be sure that our work satisfies all the client's needs. This also includes long-term customer support after the project is completed.

Our friendly and competent customer service is at your disposal if you have any questions or further requirements.

In terms of a responsible investment, for us it goes without saying that we guarantee future-proof support along with regular maintenance. In a worst case scenario, you can get "First Aid" around the clock, seven days a week by calling us at our emergency number.

Have we made you curious about perfect interplay? If so, we are looking forward to hearing from you. We'd be happy to listen to your needs in the context of a personal discussion and give you individual advice. For more information in advance about our complete range of services, feel free to consult our Web site at **www.hydrogroup.de**



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