

Water Treatment Solutions

GTWE German Technology for Water and Energy is a medium sized German company that offers solutions for drinking water, process water and wastewater treatment.

It was founded in 2011 as a spin-out of Atec Automatisierungstechnik GmbH to handle the growing international business operations outside the German-speaking European countries.

Since 1991 Atec offers water treatment and chemical process engineering for clients from a wide variety of industries.

Industries:

- Automobile
- Chemical and pharmaceutical
- Metalworking
- Solar energy
- Luxury watchmaking
- Food and beverage
- Hotels and recreation centers



The Technology

GTWE technologies cover the whole water cycle: from the purification of drinking water for human consumption, body hygiene and cleaning to the treatment of process water for industrial processes to the treatment of industrial or domestic wastewater. GTWE is able to offer you an ideal solution for your individual needs and the characteristics of your water.

As a company with profound experience in the field of industrial automation we can provide fully automatic systems, if desired with a remote maintenance function.



Drinking Water Treatment

Our solutions provide pure, healthy and good tasting potable water for drinking and cooking. The water can be optimally used for body hygiene, washing and cleaning.

Fields of application:

- Hotels and apartment complexes
- Companies and office buildings
- Hospitals, physicians and nursing homes
- Public water suppliers



Drinking water disinfection



Drinking water ultrafiltration

Reverse osmosis with upstream softening



Water softener with ultra-low pressure drop



Process Water Treatment

Our solutions provide optimum water characteristics for industrial processes and can therefore help reduce operating and maintenance costs and increase product quality.

Fields of application:

- Industrial cleaning baths, rinse water and coolants
- Boiler feedwater, cooling water and condensed water treatment
- Water conditioning for food and beverage industries

Wastewater Treatment

We offer complete treatment plants for industrial or domestic wastewater. We can also optimise your existing treatment plants. Our state-of-the-art technology covers all wastewater treatment methods such as physical, biological and chemical.

Economically and ecologically it is recommendable to close the water cycle. You may reuse the treated water for purposes such as irrigation, toilet flushing or industrial processes.



Wastewater treatment plant for watchmaking industry