



**NEWWATER**  
GROUP

www.newwatergroup.cz

# WATER TREATMENT

CONTAINERIZED WATER  
TREATMENT PLANT  
READY TO SERVE

Member of

ALL  
FOR  
WATER

**IN-EKO**  
TEAM

Water is an essential substance, from personal use to agriculture and industry. Sources of safe and accessible water are limited, and most must be treated before they can be used directly. With rising levels of water pollution, new types of contaminants emerge every day. Water treatment plants face new challenges and water treatment processes must evolve to ensure the quality of water for further use.

***Safe drinking  
water, optimal  
process water for  
industry use***

## **WATER – for whom?**

Cities and municipalities – drinking water, irrigation  
Food industry – drinking water for specific uses, rinsing water  
Power industry – feed water, coolant  
Heavy industry – process water, cooling water, rinsing water  
Military, fire brigade – mobile water treatment plants  
ZOOs, aquariums – drinking water, filling water  
Swimming pools, water amusement parks, wellness centres – filling water, washing



The feed water composition determines the design and steps of the technology. We use a broad spectrum of treatment processes to ensure the highest quality of the produced water from virtually any source.

## **WATER – where from?**

Ground – deep wells or drills  
Surface – rivers and lakes  
Other – rain, waste, and excess rinse water

Our portfolio employs advanced modern membrane technology in combination with trusted conventional processes. **MINT-UF** frame units represent our lead technological advantage. This integral process unit can be complemented with nanofiltration or reverse osmosis. Additionally, we employ conventional methods of water treatment, such as coagulation, oxidation, adsorption, disinfection and ion exchange.

## **WATER – what?**

Suspended solids, turbidity  
Iron, Manganese, Arsenic  
Organic compounds and pollutants (algae, colloids, pesticides, pharmaceuticals, microplastics)  
Calcium and Magnesium – water softening  
Chemical-free water disinfection

## **WATER – how?**

Membrane processes – UF, NF, RO  
Media filtration – sand, activated carbon, specific sorbents  
Ionex – water softening, metal removal, mixed bed  
Chemical treatment – coagulation, oxidation, disinfection, pH



**New Water Group** will design and deliver the appropriate technology suited specifically to your water source and to fulfil your requirements. The water treatment plant can also be designed as a containerized **MINT-ConTech** unit for extremely easy implementation.

We deliver water treatment plants in line with the **MINT** concept – **Membrane INtelligent Technology**.



- **The intelligent design** of our products emphasizes the modularity and compactness of frame solutions, unification of technological variants and customer accessories, optimization of transport dimensions, minimal floor plan, easy handling, and commissioning.
- **Intelligent process control** using proprietary software **IQ-MINT** uses self-learning to ensure safe, unattended operation with a guarantee to optimize operating costs and technology lifetime.
- For us, **intelligent technological solutions** represent complex and optimal "tailor-made" designs suited for the application with maximum emphasis on economic and environmental benefits.
- **Intelligent services** supported by the electronic service log **MINT-eBook** offer our customers a perfect overview and service, maximum operational safety, and fail-safe design.

## THE FUTURE IS NEW WATER!