

HIDR  **FILT**



ENVIRONMENTALLY FRIENDLY WATER TREATMENT TECHNOLOGIES





COMPANY PROFILE

Hidrofilt is a leading supplier of water and wastewater treatment solutions and chemicals. It was founded by Hungarian private individuals in 1990.

Hidrofilt has been significantly experienced in the field of industrial process and wastewater as well as drinking water treatments in the past 25 years.

Hidrofilt possesses the know-how in different techniques and technologies such as membrane separation - MF, UF, NF, RO, MC , EDI, EDR, MBR -, ion-exchange - standard and special applications -, coagulation, flocculation, sedimentation, precipitation, adsorption, desorption, disinfection, advanced oxidation, media filtration, sludge dewatering, evaporation.

Strength of Hidrofilt is to be capable of managing turn-key project implementation including pilot testing, design, manufacturing, installation, commissioning, start-up and service. In addition, Hidrofilt is a supplier of chemicals for water treatment.

The Company's growth and reputation was achieved by the design and manufacture of state-of-the-art water and waste water treatment devices and by the offered high level customer service. Customer's satisfaction is strengthened by the tailor-made after-sales service activities, which include the remote monitoring and data logging of the plants, which enables instant interaction within the shortest period of time.

Hidrofilt employs 200 people including 80 subcontractor's personnel. Out of this staff more than 50 are engineers with extensive practice in water treatment.

HIDROFILT Water Treatment Ltd.

H-8800 Nagykanizsa, Magyar str. 191.
H-8801 Nagykanizsa, PO. 139.

Phone: +36 93/536-500
E-mail: info@hidrofilt.hu
Web: www.hidrofilt.hu

Qualifications: ISO 9001, ISO 14001, OHSAS 18001
Reg. number: 20-09-060093
Tax ID No.: HU10322978

1.0. General

- 1.1. Registered name: HIDROFILT Water and Industrial Waste Water Treatment Limited Company
- 1.2. Form of company: Limited liability company
- 1.3. Registered office: Magyar u. 191.
H-8800 Nagykanizsa, Hungary
- 1.4. Registered in Hungary: 20-09-060093
- 1.5. Registration time: 26.01.1990
- 1.6. Telephone: +36-93-310-221
Fax: +36-93-310-648
E-mail: info@hidrofilt.hu
Web: www.hidrofilt.hu
- 1.7. Chief executive: Ferenc BORSOS Managing Director
- 1.8. Established in: 1990
- 1.9. Registered for the: Design, manufacture and supply of machinery for drinking, process water and industrial wastewater treatment plants, wastewater recycling as well as service and pilot testing.
- 1.10. Activity areas: EU Countries, Sri Lanka, Serbia, Russia, Kazakhstan, Estonia, Jordan, The Kingdom of Saudi-Arabia





2.0. Organisation

2.1. Management:

- Krisztina BORSOS Managing Director
- György PAPOCSI Managing Director
- István NÁNDORY Financial Director

2.2. Number of employees: 130

- Technical personnel: 64
- Skilled workers: 61
- Financial experts: 5

2.3. Organisations and organisation chart

Technical organisation:

- design, product- and process development
- technical and supplementary services
- supervising, control the production, on site works
- trial operations
- Commissioning, operator trainings

Sales organisation:

- Tendering and offer plans
- Market analyses
- Coordinating the external connection
- Contacting, project management
- Laboratorial tests

Financial organisation:

- Planning
- Cost analysis
- Productivity improvement

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3.0. Quality Assurance System ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007



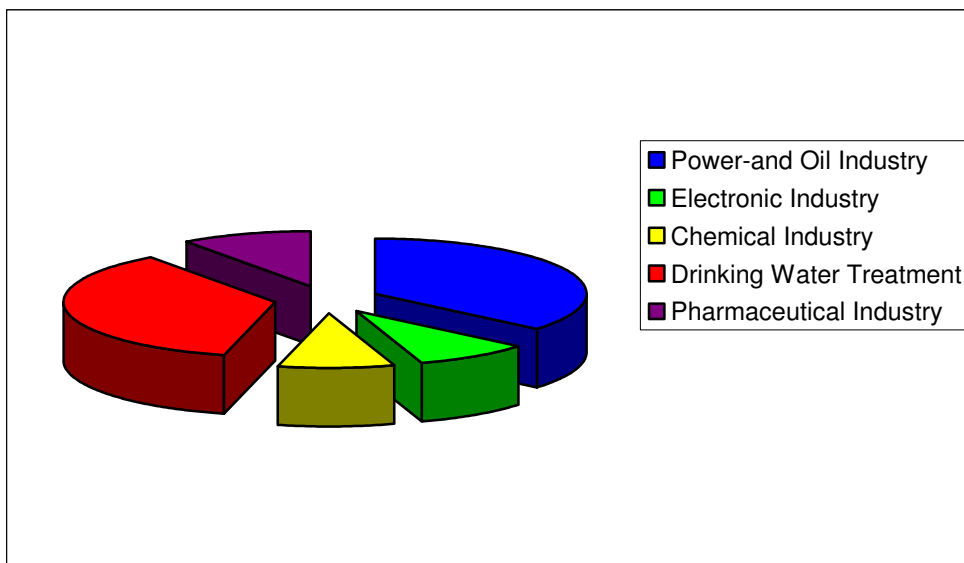


4.0. Fields of application

Hidrofilt Ltd. designs and produces water treatment systems for industry, municipalities, agriculture and institutions.

Excellent results have been reached in the following areas:

- ◆ Sea and brackish water desalination for drinking water production, fixed, containerized and mobile systems
- ◆ Demineralization system with integral RO membrane separation sets – Municipal and industrial effluent upgrade (including desalination)
- ◆ Production of process water for beverage and bottled water industries
- ◆ Production of high quality industrial process and boiler make-up water
- ◆ Industrial waste water – treatment and recycle



5.0. Applied Technologies

5.1. Membrane Technology

Reverse Osmosis /RO/
Nanofiltration /NF/
Ultrafiltration /UF/
Microfiltration /MF/
Membrane degasification /MG/
Electrodeionisation /EDI/



5.2. Ion-exchange technologies

Softeners
Complete desalinating equipment
Carbonate removal equipment
Selective ion-exchangers



5.3. Industrial media filters

Multimedia filters
Activated carbon filters
Iron and manganese removal equipment



5.4. Other supplementary products

UV sterilisers
Degassifiers
Separators
Ozonizers





Chemical and Physical treatment

- Adsorption/Absorption
- Disinfection /Cl₂, O₃, UV/
- Coagulation/Flocculation
- Dechlorinating
- Ion-exchange
- Neutralisation
- Oxidation/Reduction
- Diffusion dialysis
- Distillation
- Electrodialysis
- Electrolysis
- Evaporation
- Sedimentation/Flotation
- Membrane technology
- Precipitation
- Stripping



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• HIDROFILT WATER TREATMENT LTD.

Our services and work

- Water treatment plants and technologies
- Desalination plants and technologies
- Thermal water treatment
- Specialist water production (industry, nuclear, beverages)
- Potable water treatment technologies

„European leader in cutting-edge water treatment solutions.“

We are a European leader in industrial and residential waste water, desalination and water network management combining the highest European quality certifications with competitive pricing.

Our expertise covers all areas of water treatment and management including treatment of polluted water [such as brome, arsenic], planning, building and operation of fresh water supply systems and plants as well as innovative, cost-efficient and mobile solutions for desalination.

We have unique expertise in the production of industrial water, creation of special cooling water for power plants and the use of thermal water in food, beverage, juices and other drink production.

Who we are

We have over 25 years of experience in water treatment technologies for industrial, agricultural and residential use.

With our in-house engineer training school, strong R&D department and engineering teams, we offer full-service change. From tailor-made engineering solutions to the operation of plants, proprietary technological solutions for irrigation and a pre-installed container solution for the easy deployment of complete water treatment plants, we have solutions to fit your need.

References

We are experts in all aspects of water management and have clients worldwide, including high-demand environments such as the Paks Nuclear Power Plant and the GE Components Factory in Zalaegerszeg in Hungary. All our technologies are certified according to the highest European standards (ISO, OHSAS, MSZ EN, TÜV)

MOBILE WATER TREATMENT PLANTS

Container-based or mobile water treatment plants are ideal for emergencies or deployment in remote locations due to their ease of transport and deployment without external power needs.

Our mobile drinking water purification unit cleans and desalinates water for use in disaster areas [conforming with NATO standards], small municipalities, holiday resorts, oil rigs, desert camps and events.

ULTRA PURE QUALITY WATER GENERATION FOR INDUSTRIAL USE

Certain industries – pharmaceuticals, microelectronics and power stations, demand a special water quality. The microelectronics industry requires ion-free water with the highest theoretical purity called ultra-pure quality water (UPW).

We offer the most advanced zero-liquid-discharge technique combined with other technologies [media filtration, softening, ion exchange, de-carbonation, membrane separation and ultrafiltration] to provide the most reliable and cost-efficient solutions.