

FILTRATION SYSTEMS

YOUR COMPETENT PARTNER IN WATER TREATMENT



Kontakt

8595 Altnau

Switzerland

+41 78 21 94 199

info@greentech-ut.ch

www.greentech-ut.ch



GreenTech
Umwelttechnik





MEMBRANE FILTRATION SYSTEMS

- Mikrofiltration
- Ultrafiltration
- Nanofiltration
- Reverse Osmose



FROM PLANNING TO PRODUCTION

- Based on many years of experience we can provide the best solutions in water treatment, especially regarding practical and customized solutions as well as from the economic aspect.
- Our systems are skid-mounted, reliable and compact solutions.
- We design also ready-to-use containerized plants.

FEATURES & BENEFITS

- ✓ Modular package design minimizes site installation costs and allows for future capacity additions.
- ✓ Fully automatic operation with no operator involvement
- ✓ Low energy consumption
- ✓ Minimized foot print
- ✓ Cost-efficient solution
- ✓ Swiss quality

APPLICATIONS

- Industrial process water
- Water recycling and reuse
- Seawater desalination
- Pre-treatment before NF, RO
- Oil & Gas Industry



Concentrate

CRN-Pumps

- Space-saving: vertical, multistage centrifugal pumps
- High-grade stainless steel (EN 1.4401)
- Temperature resistant
- Many different pump sizes

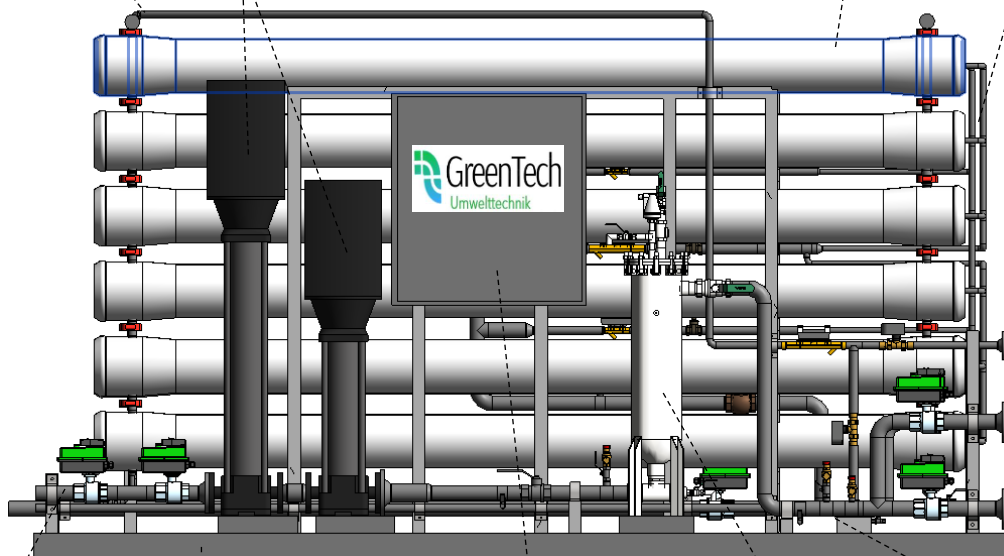
Low operating costs:

due to lower operating pressure and frequency-controlled pump

Membranefilter

- Spiral Housing
- 85% water recovery
- Low energy membranes

Permeat



Feed from CIP Skid

Skid-mounted

- Compact footprint (30% less)
- Stainless Steel construction
 - Easily expandable

Electrical Components

Fully automated system control

Bag Filter 1 µm

Better protection and longer filter life

Feed

Flexible design: Our membrane systems can be adapted to the various requirements for pure water quality and can also be used in two-stage operation. The membrane type and different pump sizes are always determined after requirements.



MEDIA FILTER SYSTEMS

- Sand filters



- Activated carbon filters



- Multi-media filters
- Iron removal filters



MEDIA FILTERS

- We offer customized filtration systems for a wide variety of objectives, from particle filtration to iron removal and adsorption filtration.
- Our pressure vessels are suitable to hold all type of water treatment media covering the whole range of water treatment applications.

FEATURES & BENEFITS

- ✓ High quality output
- ✓ Removes turbidity and TSS effectively
- ✓ Easy to install, operate & maintain
- ✓ Low energy requirement
- ✓ Cost-efficient solution
- ✓ Swiss quality

APPLICATIONS

- Preparation of cooling water
- Production of drinking water
- Pre filtration for membrane systems
- Seawater desalination
- Treatment of waste water
- Removal of iron