



WEDGE WIRE AND PERFORATION
**QUALITY DRINKING WATER
WHEREVER YOU NEED IT**

ANDRITZ MOBILE FILTRATION UNIT

ANDRITZ

ENGINEERED SUCCESS



Mobile water filtration units for remote locations

According to a UNESCO study, 2.2 billion people do not have access to clean drinking water. ANDRITZ helps solve that problem by providing a containerized mobile water filtration unit, the AMFU. The AMFU has been developed to work at any location with access to surface or ground water and a power supply as a standalone water filtration plant in remote areas.

The range of applications for the AMFU is vast. Its compact design allows for the installation at remote or isolated areas (e.g. less developed regions or islands)

FILTRATION CONTAINER 20'

- Open gravity filter with Andritz Underdrain System (AUS)
- Capacity 100 m³/h
- Dispersal ramp
- Shipping container design (6 x 3 x 3 m)
- Stainless steel 316L
- Filtering media: Sand, CAG, ...

to provide permanent access to drinking water. Because of its plug & play concept, user-friendly functions and fast installation it's the perfect solution for emergency situations and natural disaster areas.

The AMFU is equipped with open gravity filters with underdrain bottom floor, a backwash system and can be enhanced with a water disinfection system.

Everything equipped in two containers to generate clean drinking water wherever you need it.

PROCESS CONTAINER 20'

- Air blower
- Backwash pump
- Chlorination system
- UV disinfection
- Control panel

Fully adaptable to your industrial application

In industrial use the AMFU with its scalable capacity is the most flexible and effective supplement to produce extra process water whenever needed. Sites with limited space can easily integrate the container based design, for temporary or permanent production.

During maintenance works at a full scale water filtration plant the AMFU helps keeping your process up and running and avoiding costly downtimes.



Process control container with multiple filtration containers



PROCESS CONTAINER 20'

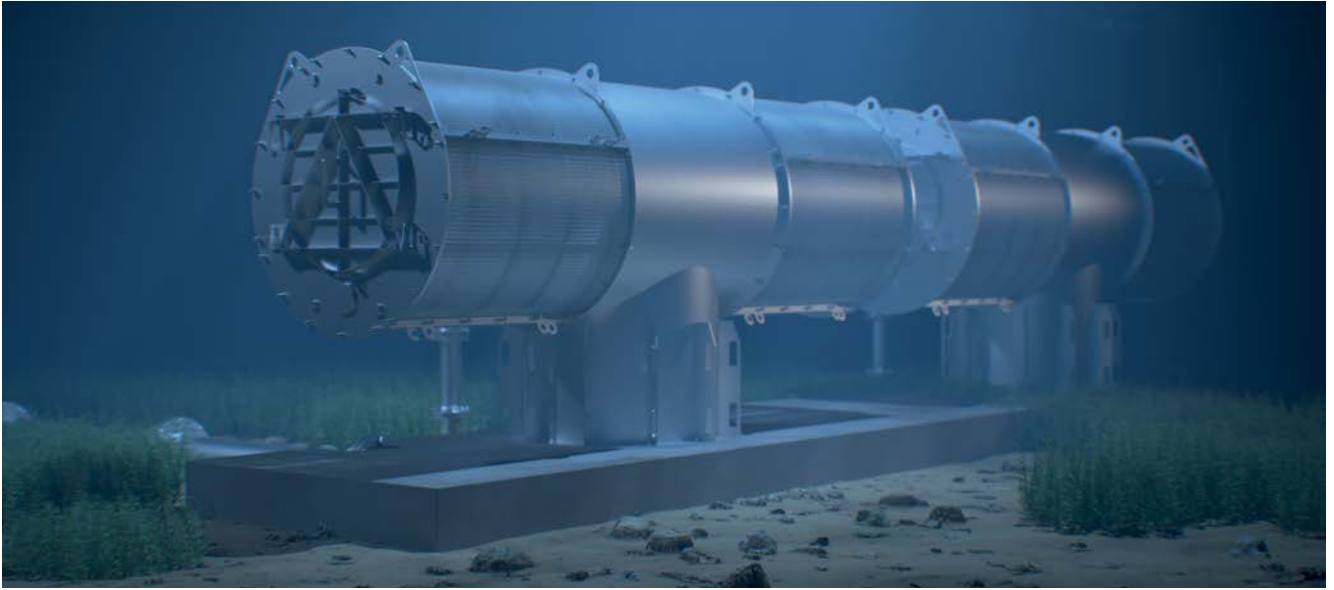
1. Chlorine gas or liquid chlorine chlorination module
2. UVc Sterilizer
3. Booster pump
4. Sand filter washing pump
5. Easily connectable PE flange connection and pipe (ACS quality)
6. Air blower for air backwash phase

OPTIONAL EQUIPMENT'

- Soft water tank with 100 m³ capacity
- Interconnecting pipeworks

BENEFITS

- Sustainable solution (Low power and water consumption)
- Possibilities to generate fresh drinking water in areas where it has been impossible before
- Quick and Easy installation – Plug & Play System
- Variable capacity
- Simple and reliable operation



PASSIVE WATER INTAKE SCREENS

Looking for further equipment completing your water filtration plant? ANDRITZ has over 25 years of experience in the manufacturing and

installation of water intake systems and other equipment needed for the filtration, intake and production of drinking water. Our experts have realized and installed many projects all over the world, whether it's

a desalination plant in Middle East or water intake for drinking water in Europe.

ANDRITZ is your partner with expertise and competence.

EUROPE

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