CONTAINER WASTEWATER TREATMENT PLANTS

» Fully biological
» 20 m³ up to 2,000 m³
» Membrane technology
» Patented filter system (EP 1016449)
» Modular concept (Plug and Play)
» Effluent: bathing water quality
» Reuseable for irrigation

CLEAN WATER - IN TUNE WITH OUR NATURE
Advantages

» Short delivery time
» Low costs for construction works; just basic concrete constructions are necessary
» Prefabricated and tested in factory
» Modular (plug and play)
» Within hours ready for operation
» Easy maintenance
» Odorless
» Simple operation
» Remote control
» Automatic elimination of coarse material, hygiene-capsuled
» Best effluent quality: bathing water quality (in compliance with the EU guideline 2006/7/EG)
» Treated water reusable for irrigation
» Mobile: truck, rail, ship, aircraft
» High construction quality

Areas of application for these flexible, fully biological container wastewater treatment plants are:

» Small communities, associations for wastewater treatment, rural or urban areas
» Tourism (hotels, marinas, golf courses, camping sites, mountain huts, alps)
» Private contractors
» Labour camps, construction sites
» Military, aid organizations

Modular design

Due to the variable design and coupling of modules, the capacity of WWSG-container wastewater treatment plants may be adapted to increase volume of wastewater.
Fully biological container wastewater treatment plants

Build in 20 ft., 40 ft. or 40 ft. high cube ISO norm-containers From 200 PE up to 10,000 PE (20 m³ up to 2,000 m³)

» Norm-container: mobile special wastewater treatment plants for civil, military use and for aid organizations for use in disaster areas etc.

» Tried and tested: user-friendly and low maintenance wastewater treatment system.

» Fully automatic operation of the wastewater plant, energy efficient, load-dependent adjustable control (PLC), suitable for the supply with alternative energy or back-up systems.

» Enclosed construction, easily accessible, low investment-, operating- and disposal costs, high purification performance, almost odorless and noise free.

» Sustainable modular design: container (corrosion-resistant) including mechanical equipment made from stainless steel AISI 304 (1.4301) resp. 316 (1.4401) and wastewater resistant plastic material, preassembled in the factory, suitable for transport by truck, rail, ship, helicopter and aircraft, assembled on site in shortest time and immediately ready for operation.

» Plug and Play: Because of the modular design, in case of increase or decrease of the volume of wastewater, it is very simple to extend or minimize the plant – in a fast and uncomplicated way.

» Individual auxiliary equipment: sludge tank, process water tank, disinfection, reverse osmosis and automatic sludge dewatering unit.

» Automatic elimination of coarse material: fine screen with automatic discharge, hygiene-capsuled.

» Remote Control: In case of a fault, our service engineer can steer the buttons of the distant monitor and give direct support therefore to the user on site.
Wastewater Solutions Group GmbH has developed fully biological and/or mobile container wastewater treatment plants for remote regions and special missions. We offer activated sludge systems with cascades and/or MBR-technology:

» Engineering
» Installation
» Project management
» Operation
» Maintenance
» Sales and distribution