

Intelligent containerised waste water treatment plant

Our intelligent containerised waste water treatment plant or sewage treatment plant (STP) container is a modular system where all waste water treatment equipment is completely preinstalled in ISO standard or offshore standard container.

The modular container system with the various components of a waste water plant is adjusted to customer requirements and can be easily transported by land and sea. As all the waste water treatment equipment is preinstalled and factory tested, onsite installation work is limited and basically Plug & Play.

Based on AAO-MBR technology, our patented intelligent integrated waste water treatment container is a new type of waste water treatment container with high-throughput plate microfiltration membrane as the core component. It integrates membrane separation technique, proactive technique and intelligent control, which enables the containerised waste water treatment plant to have the excellent performance and stable effluent water treatment quality.



A global leading supplier of containerised solutions.

TLS
Offshore containers



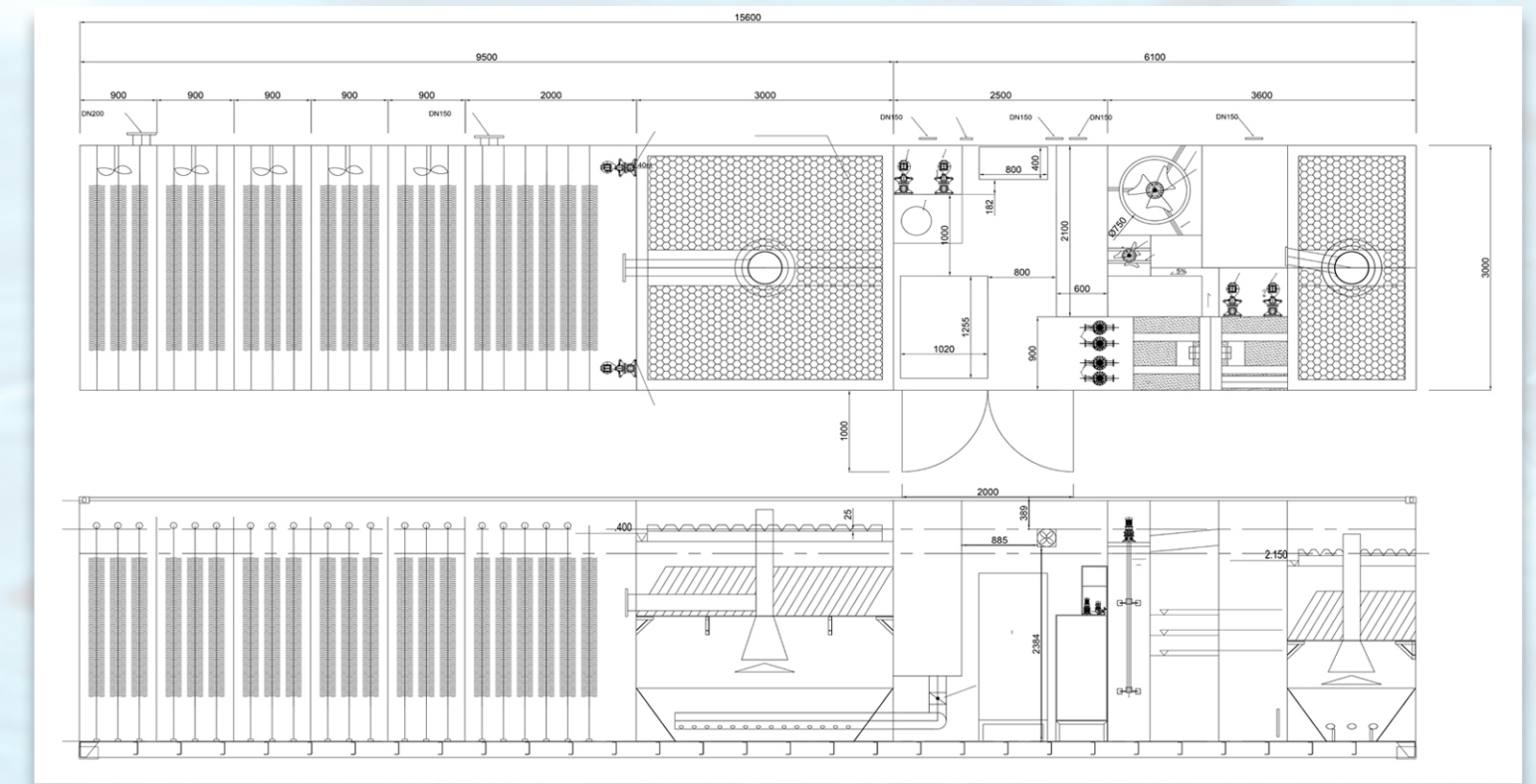
Advantages of our intelligent sewage Treatment Plant (STP) container, containerised waste water treatment plant, waste water treatment container

- All our mobile sewage treatment systems operate in both underload and overload conditions
- Fully automatic operation and simple maintenance by unskilled staff
- The modular system allows for rapid expansion and addition of further treatment processes
- Fast installation with fully pre-installed treatment modules only requires a power connection
- Easy maintenance with standard spare parts available locally
- Suitable for all climate zones
- Container plants achieve maximum efficiency in each step of the treatment process
- Rapid decommission and shut down for quick installation on a new site
- No need for existing infrastructure, only a level base to install the container onto
- Low energy costs with energy saving mode
- Imperceptible noise levels
- In-situ monitoring the system condition and water quality
- Remote control system running with low cost of manpower
- Optimised management of multiple containers
- Low costs for scheduling and construction
- ISO standard or customised dimension
- ISO, CSC, DNV2.7-1 certificates



Typical Applications for Sewage Treatment Plant (STP) container or containerised waste water treatment plant

- Mobile worker camps – oil and gas
- Temporary industrial sites
- Construction sites
- Sites with spatial constraints as containers are stackable
- Temporary treatment
- Municipal wastewater treatment [permanent and temporary]
- Refugee camps
- Military camps
- Offshore facilities



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