

## **GAS STORAGE SYSTEMS FOR INDUSTRY & SEWAGE TREAT- MENT PLANTS**

- Double membrane gas storage systems on concrete or steel tanks
- Stand-alone double membrane gas storage systems on concrete basement or ring foundation
- External gas storage system
- Accessories and services



## DOUBLE MEMBRANE GAS STORAGE SYSTEM

**The double membrane gas storage system is the state of the art in biogas storage.** An effective state-of-the-art system. This system is extremely robust and durable.

The weather protection foil keeps the wind and rain away from the integrated gas storage foil. This protects the gas storage system and ensures a long service life. High-quality materials are also used with good chemical resistance and minimal diffusion rate, even at higher operating pressures.

Thanks to the use of modern welding equipment, you receive reliable, tight weld seams. We supply the weather protection foil in all standard colours plus other colours of your choice on request!

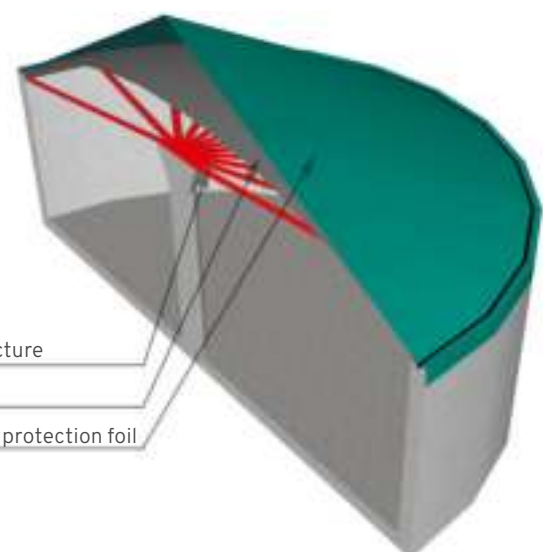
You can choose the form of the roof structure. We offer the tapered shape and the capped ball shape. Optionally, the capped ball shape can also be equipped with a lateral upturn for greater gas storage.

For fastening, we utilise various methods, such as a stainless steel U section with clamping hose, or alternatively a stainless steel flat section. The storage system can be mounted on new or existing concrete or steel tanks. If needed, we can manufacturer the storage system in various shapes (round, cornered, oval) or adapt it to your desired volume.

**On request, we can deliver and install our covers anywhere in the world!**

### Accessories:

- Overpressure/underpressure protection devices
- Stainless steel intermediate supports
- YOUR company logo as a digital print on the weather protection foil





## STAND-ALONE DOUBLE MEMBRANE GAS STORAGE SYSTEM

Our double membrane gas storage system does not necessarily have to be installed on a tank. A concrete surface or a ring foundation made of concrete can be used as a substrate, for which we supply a suitable ground seal. This also has the advantage of being able to easily achieve higher operating pressures. We use our stainless steel flat section for fastening. This design also allows you to choose between different shapes (round, square, oval) and heights, depending on the required volume.

## EXTERNAL GAS STORAGE SYSTEM

The simplest and least complicated solution for external or unpressurised gas storage. You can obtain foiled gas reservoirs in all sizes and shapes, e.g. as cushion, cylinder or quad storage. The foiled gas reservoirs are manufactured precisely to the dimensions you need, with various sizes and types of connections.

The high-quality, long-lasting membrane material guarantees maximum robustness.







## SERVICES AND ACCESSORIES

### Services:

- Flexible solutions
- Assembly of the gas storage system
- Short-notice replacement deliveries for your container covers, including for products of other manufacturers
- Service work, including for third-party products
- Gas camera / CH<sub>4</sub> measurement / inspection / repairs
- Our technicians work according to §19 I, WHG (Water Resources Act) with plastic welding certification according to DVS (German Welding Association) regulations
- TÜV certified



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