



LIPP Gas Storage Tank

Cost-effective gas storage facility for depressurised storage of biogas, sewage gas, and landfill gas

Gas production relying on biological processes is not a continuous process. Therefore, - before gas utilisation (i.e. in a CHP) - it is necessary to have a gas storage device to compensate fluctuations during the gas production and to bridge failure times for repair and maintenance work of the CHP.

LIPP has developed a system for depressurised (max. range 5 mbar) dry gas storage which has been applied successfully for more than 20 years now.

Depending on the gas yield, sizes between 30 and 5,000 m³ are available.

The gas tank consists of two parts:

- . a bubble-shaped storage balloon
- . a steel tank, which protects the balloon from the weather and mechanical damage

The tanks are manufactured with the tried and tested LIPP double-fold system. The storage balloon, made of fabric-reinforced plastic, is hanging inside the tank by means of a supporting ring.

A compressor increases the gas pressure to utilize the stored gas (i.e. in a CHP).

PRODUKTINFO //////////////////////////////////////

LIPP GmbH
Industriestraße
73497 Tannhausen
Germany
Fon +49 7964 | 90 03-0
Fax +49 7964 | 90 03-27
info@lipp-system.de
www.lipp-system.de



Key benefits

- . high functional and operational reliability
- . low investment costs
- . low maintenance and operating costs
- . quick implementation
- . long service life

