

PRESSURE UP TO 13 BAR LONG PRESSURE PIPES

We pump waste water efficiently pneumatically and hydraulically

Profit today from our experience for your pneumatic waste water transportation!

In the last years, the pneumatic waste water transportation prevailed in many applications. But a lot of pump stations achieve or already exceed the limits of their capacity. Re-viewing the planning basics or optimising the transportation process by using an adaptable control system could help to increase the capacity.

Does the pump station comply with the legal regulations?
Is it possible to increase the energy efficiency?

Due to many years of experience and systems installation hoelschertechnik-gorator® is able to propose and to realize solutions for optimizing existing pumping stations of all brands.

Service – Repair and maintenance

Service and product quality guarantee a long and trouble-free operation. This requires regular maintenances and the replacement of damaged parts. We will be pleased to perform this service for you – in our plants and in plants of other manufacturers.

Please feel free to contact us!



Equipment in a pump room



Retrofitting with a vortex impeller pump for increasing the flow rate

HIMMEL® technologies

HIMMEL® technologies – this umbrella unites eight companies specializing in machine and drive engineering, control technology, plant construction, water treatment and environment engineering.



The name hoelschertechnik-gorator® GmbH & Co. KG stands for one of the leading companies in environmental technology. The various product groups provide systems and plants for the conveyance and processing of waste water and process liquids.



hoelschertechnik-gorator® GmbH & Co. KG

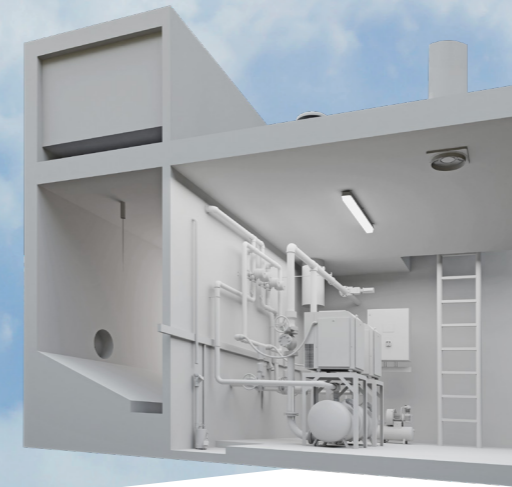
Venneweg 28 | 48712 Gescher | Germany

Fon: +49 (0) 2542 / 916-0

E-Mail: info@hoelschertechnik.de | Web: www.himmelinfo.de



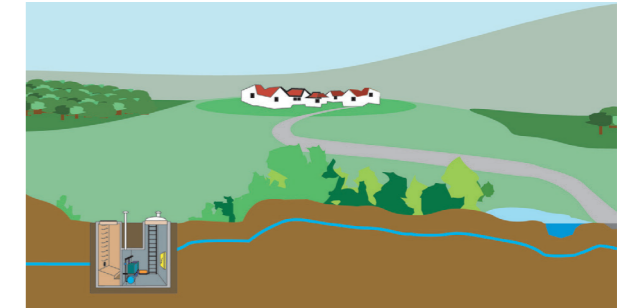
hoelschertechnik-gorator® GULLIVER® + GULLICOMB® Pneumatic waste water transportation



HIMMEL®
technologies
YOUR DRIVE FOR SUCCESS.

The canal smells bad? The concrete shafts are corroding?

The odourless and clogging-free transportation with pneumatic pump stations, system GULLIVER®



Typical Applications

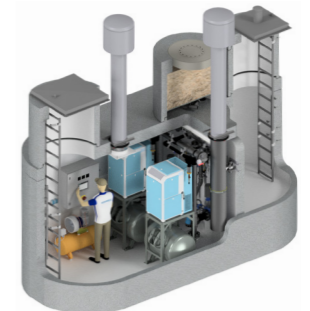
- Long pressure pipes and large pipe volume e.g. closing of small-sized sewage plants
- Irregular waste water flow rates e.g. motorway service areas, camp sites
- High geodetic heads, even for small quantities e.g. mountainous areas

Ready-to-use supply

A standard ready-to-use pump station, system hoelschertechnik-gorator®, includes the concrete building, the mechanical, the electrical and the automation and telecontrol technology – in accordance with our customers' specific requirements.

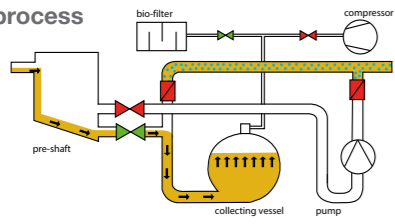


Ready-to-use supply - all from one source

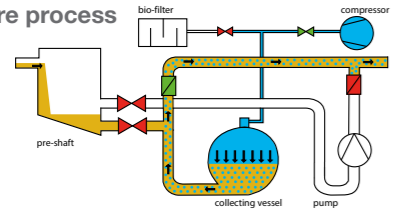


The GULLIVER® pump station

Filling process



Pressure process



Advantages system GULLIVER®

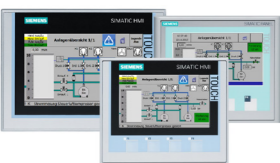
- Waste water aeration prevents anaerobic fermentation
- No annoyance caused by unpleasant smell due to hydrogen sulphide formation
- No biogenous sulphuric acid corrosion of the concrete and metal components
- Flexible transportation also in the case of waste water with high solid contents
- Low-wear operation without rotating elements in the waste water



Compressors in the plant room



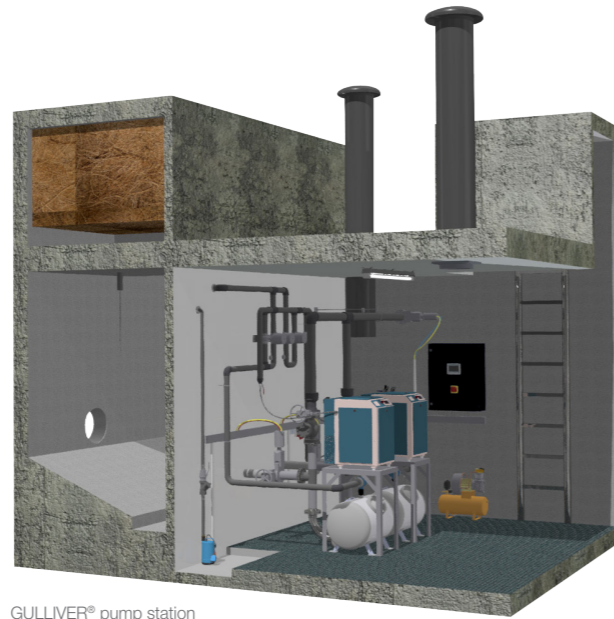
Pump station on a motorway service area



Operation via touch panel



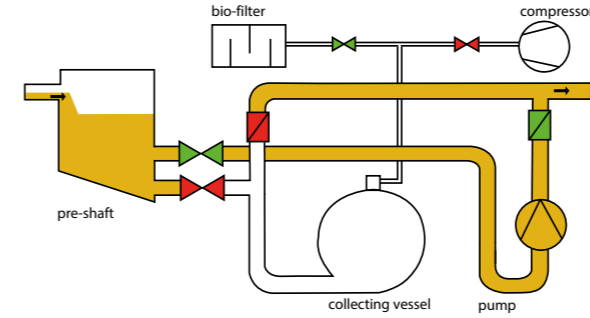
Protocol by SMS or call



GULLIVER® pump station

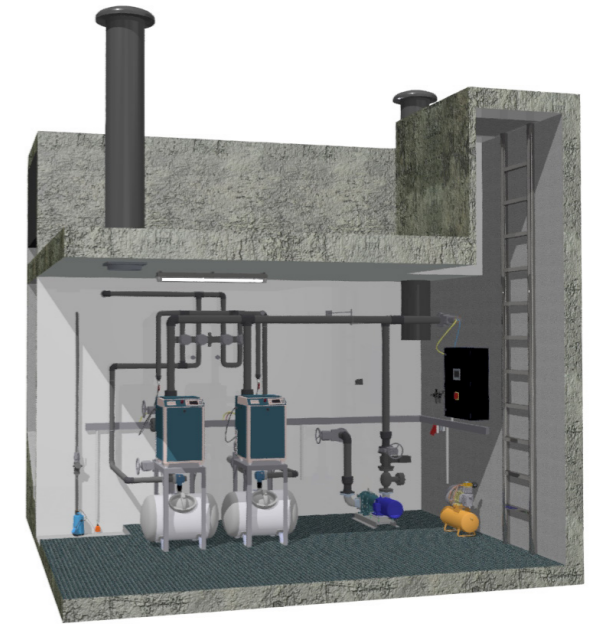
The GULLICOMB® pump station

Pump process



Advantages system GULLICOMB®

- Combining the positive features of hydraulic and pneumatic waste water transportation
- Energetic, optimised work, adapted to different operating conditions
- Energy-optimised waste water transportation by reducing frequency of operation



GULLICOMB® pump station



Collecting vessel with piping



Machinery room with compressors



Exterior view of the pumping station



GULLICOMB® with rotary lobe pump



GULLICOMB® with eccentric screw pump



Compressor with venting system



System piping



Compressor with process air flow



GULLICOMB® with free-flow impeller pump



GULLICOMB® with eccentric screw pump