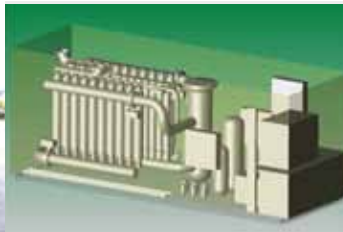


# Geothermal Mixing installation



Gastreatment Services (GtS) provides several kinds of installations for the treatment of biogas and geothermal gas. One of these installations is a gas mixing system that mixes different kinds of gas, so it can be used in a gasmotor.

## Gas mixing systems

GtS provides gas mixing systems to add natural gas to geothermal gas to achieve a minimum caloric value.

Also for other gasses GtS can design and build gas mixing stations, for example for adding air to biogas in order to make Active Carbon work properly or if the natural gas quality fluctuates a lot.

In order to use geothermal gas, it has to be cleaned first. GtS can provide an installation that contains a gas cooler, gas dryer with economizer (GTP), optional H<sub>2</sub>S removal and SDE+ measurement.



Geothermal mixing installation

### Design Specifications

The GtS gas mixing systems can be built according to different design specifications. The natural gas that is to be mixed is specified in percents by volume relative to 100% geothermal gas. In other words, 100% natural gas mixing means a 50/50 vol% mixing ratio of the mixed gas.

The maximum of natural gas to be mixed, depends of some criteria:

- Quality of the natural gas
- Quality of the geothermal gas
- Offer of geothermal gas
- Demand of mixed gas

### Requirements engaging the gas quality

For the design of our mixing stations the requirements are set by the users: CHP, gas engines, boilers or micro turbines.



Do you wish to submit a specific application, detailed specifications or do you simply have a query about our processes, products or services? Please contact our sales department: 0182-621890 or by email: [sales@gtsbv.com](mailto:sales@gtsbv.com).

More information about GtS and our products you find on our website: [www.gtsbv.com](http://www.gtsbv.com).