



GÜLLEWERK FLEX


The small-scale Biogas plant

Rating: up to 250 kW. Feed: Slurry + manure, residual material + re-growth material



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Mitglied im
Fachverband
Biogas e.V. 

aK-D-guellewerk-flex
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reliable, profitable & flexible

FLEX

It is profitable for you from 120 LU onwards!

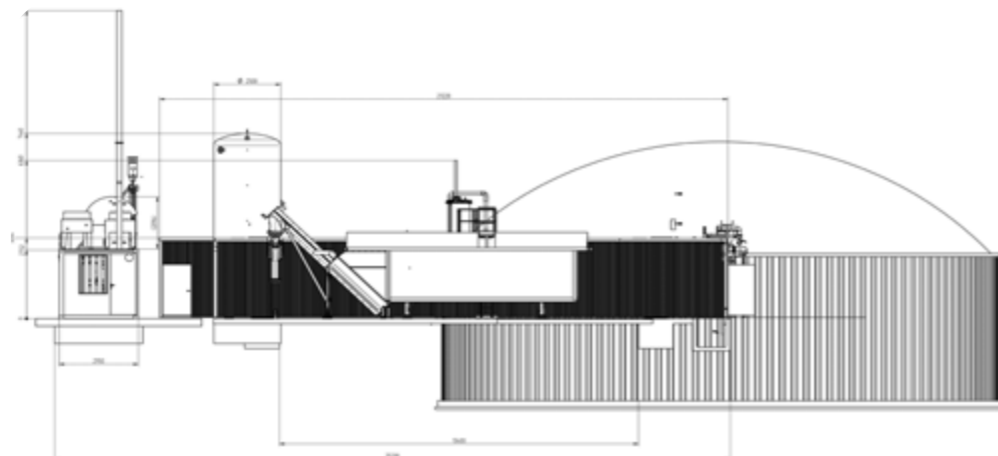
We have made the generation of electricity from Biogas even easier for you. Our Güllewerk is a compact power plant containing all you need. You can thus utilise the monetary value of slurry and manure – and all that without major construction outlay.

Generate good profits

The high remuneration for large slurry proportions through the EEG 2012 (Renewable Energy Act) makes the generation of energy from Biogas extremely profitable for livestock farm operations. By using the CHP waste heat, you can also save on heating costs.

All very simple

The ready-to-run Güllewerk is delivered by truck and connected to the existing slurry system. It is equipped with the "Vielfraß Top" in order to utilise solid and regrowth material. Residual gas potential can be efficiently exploited by means of a covered digested residue store.



The advantages

- Ideally suited for the fermentation of all silages, also grass and manure
- Economical in own energy consumption
- Time saving by means of large receiving capacity
- Uniform, automatic feeding with interval control – also available with scales
- Solid screw-feed construction

Our customers are satisfied!

"I was convinced from the start about the concept of this compact plant. And I wasn't disappointed. Within the shortest space of time the Güllewerk was constructed and connected up in our yard. It has been running economically and trouble-free since then."

The right Biogas plant for you!

Our consultants know what they are talking about and will determine together with you which plant is suitable for your operation and will calculate how much electricity your slurry contains.

Operate flexibly!

The aim of this flexibility is to be able to generate electricity when demand is at its greatest or else to reduce the power when no electricity is required (negative energy balance). This flexibility presents new demands for plant engineering, such as plant regulation, heat use, gas and energy storage. Our new plant GüllewerkFlex is a unique plant concept that combines various current requirements:

- Electricity is generated to a great extent according to demand
- Feeding takes place with a large proportion of slurry and/or manure
- The potential of small-scale and mid-scale livestock holdings will be utilised
- A very high total efficiency will be reached
- Efficiency improvement by CHPs with high electrical efficiency and wide control range

Highest energy efficiency

A robust, energy-saving paddle agitator provides a good mixing with the least possible burden on the bacteria. Due to the sophisticated heat recuperation design, around 40 – 50% of the CHP waste heat is available for heating buildings.

As with every Biogas plant from agriKomp, only thermal power stations from leading and reputable manufacturers are used for electricity generation. They stand for an electrical efficiency (40% plus), best availability and absolute reliability!

Your profit by flexible operation:
double the installed power at equal power rating in 12-hour operation

Ask us – it will be worth it!

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