

Sale of biogas plant technology

Company **GASCONTROL** is selling the technology of a biogas plant with an electric power of 600 kW, which was put into operation at the end of 2013. The current location is in the Slovak Republic.

Technical specification – basic parts description:

Fermenter 1 with gasholder:

- Tank diameter 23,34 m, height 7,27 m, volume 2 780 m³
- Gasholder – volume 2 000 m³, operating overpressure 500 Pa
- Stirring is ensured by a triple of inclined stirrers with propeller (stirring capacity of 1 stirrer is 22 600 m³/h), additionally one horizontal auxiliary stirrer with height and direction adjustment

Storage with rotting process:

- Tank diameter 33,12 m, height 7,27 m, volume 5 600 m³
- Gasholder – volume 2 200 m³, operating overpressure 500 Pa
- Stirring is ensured by a triple of horizontal stirrers with height and direction adjustment

Fermenter machine room: is situated in the outbuilding between the fermenter and storage. It is a machine room for heat and sludge distribution. Pumping of sludge is provided by the Vogelsang pump.

Dosing wagon: solid with a volume of 50 m³, dosing with screw conveyors

Cogeneration: TEDOM container cogeneration unit with Deutz gas engine – el. power 800 kW

Biogas treatment: JUP technology – on steel frame with roofing. Reduces the relative humidity of biogas and hydrogen sulfide content. The technology includes a blower to increase the overpressure of biogas.

Electro part:

- Control room, power distribution and sanitary facilities are in container design
- 1 MW transformer station

As the majority owner GASCONTROL offers for sale complete or individual parts of the biogas plant according to the above specification. Price: 31 200 000,- CZK

Site visit is possible after agreement.

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