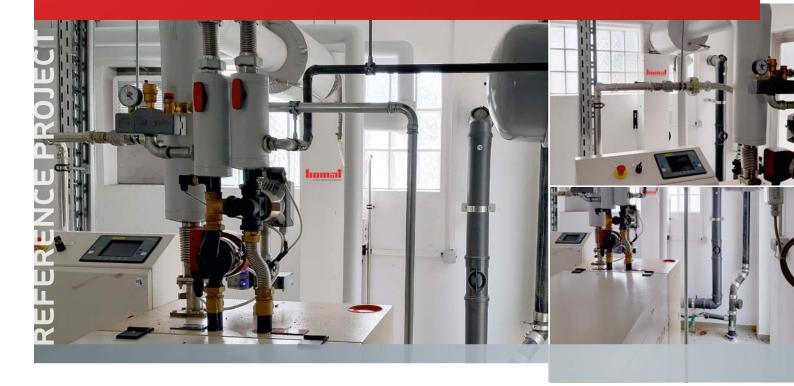
BIOGAS/SEWER GAS



SEWER GAS CHP UNIT UTILISING CONDENSING TECHNOLOGY



LEIPHEIM SEWAGE PLANT

Hinter der Post 12, 89340 Leipheim, Germany

The Bomat AWR O1-GG-1522-NT-4-K-6 is installed on the exhaust gas side as a second downstream condensing heat exchanger. The heat recovered is fed into a buffer cylinder which supplies both the digestion tower and the site buildings with heat.

Heat source: TEDOM Micro T30 AP

Fuel: ○ Fuel oil ○ Natural gas ○ Sewer gas ○ Biogas

Exhaust gas heat exchanger: O1-GG-1522-NT-4-K-6 (year of manufacture: 2019)

Exhaust gas temperature: approx. 180°C (upstream of HE) ● approx. 68°C (downstream of HE)

Coolant temperature: approx. 50°C (upstream of HE) ● approx. 60°C (downstream of HE)

Heat recovery per year: approx. 40,000 kWh **CO**₂ **reduction per year:** approx. 8,000 kg

Engineering design by: Steinbacher-Consult Ingenieurgesellschaft mbH & Co. KG,

Richard-Wagner-Straße 6, D- 86356 Neusäss, Germany

Estimated payback period less than 3 YEARS.

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