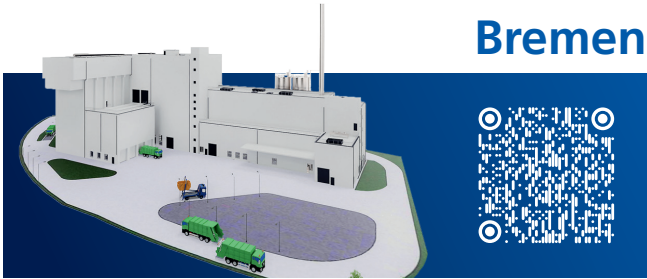


Our References, our Pride and Joy



Bremen

Rated Thermal Input

18.5 MW

Fuel Throughput (DS)

55,000 t/a

Commissioning

2022

Karlsruhe



Rated Thermal Input

6.4 MW

Fuel Throughput (DS)

16,800 t/a

Commissioning

2021

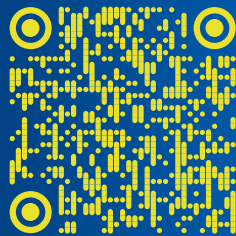
No matter what ideas you need for your energy management:

Count on us to find the ideas you need.

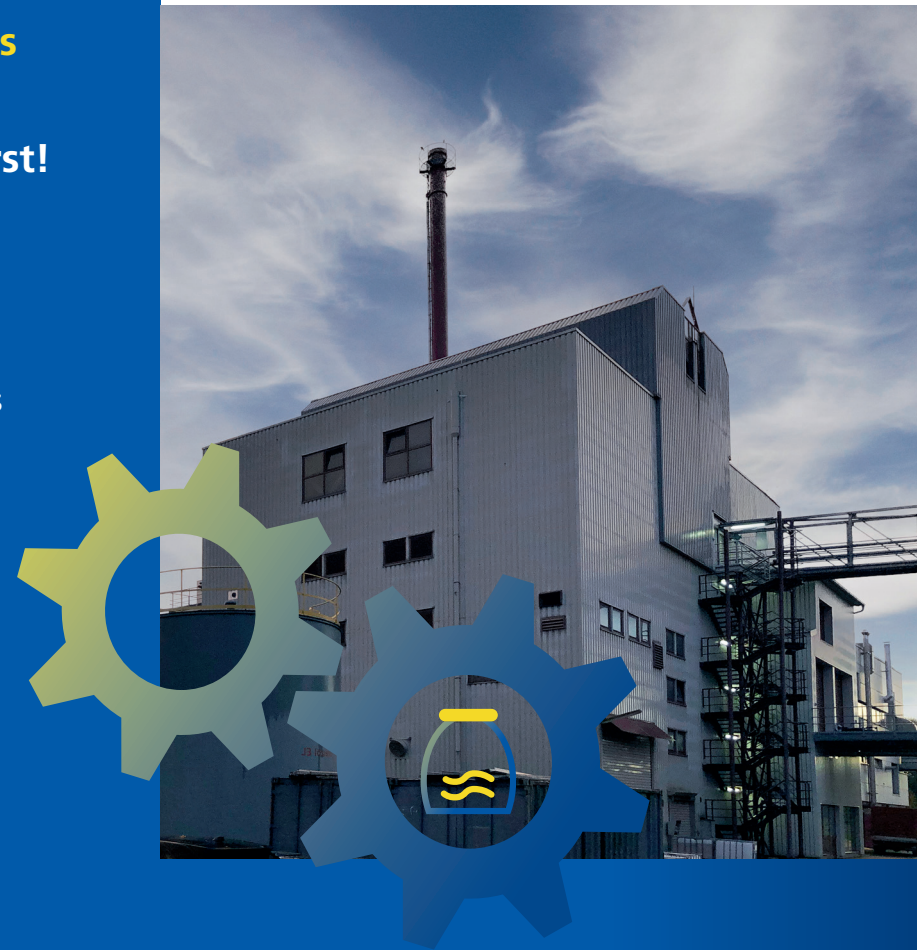
Provided that you find us first!

You will find all information on our homepage as well

- Functionality of Sewage Sludge Treatment Plants
- Scope of Supply and Services



[www.sb-group.com/en/
portfolio/sewage-sludge](http://www.sb-group.com/en/portfolio/sewage-sludge)



Strong Partners for strong Companies!

How to realise your Plant
for the **Thermal Utilisation
of Sewage Sludge**
with us.

Our Experience your Advantage.

The thermal treatment of sewage sludge will be an increasingly important component of **sustainable energy generation** in the future.

From 2029 at the latest, German industries and municipalities will have to meet their obligation to **recycle phosphorus** and contribute to mastering the challenges of our time.

Our **process technology** for the thermal treatment of sewage sludge, which has been tried and proven over many years, offers the ideal preconditions for this.



Olaf Schumacher
Head of Sales

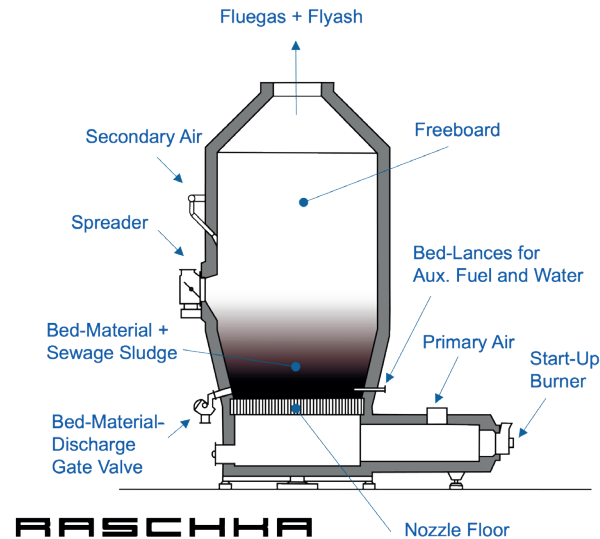
„Our years of experience and expertise as an EPC provider and Raschka’s decades of experience with stationary fluidized bed combustion systems make us an excellent partner for the realisation of your plant.“

From planning and engineering to commissioning.

**Count on support from a single source.
Worldwide.**

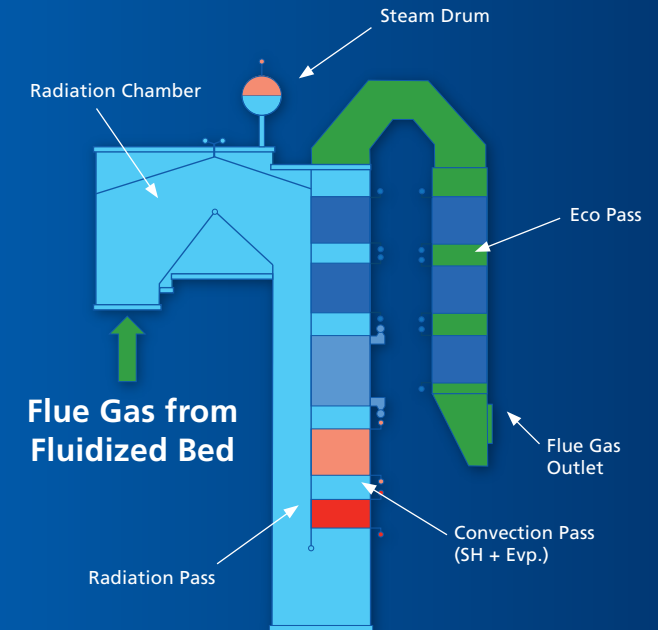
With smart interface management and the experience gained from many realized projects.

Fluidized Bed Technology, Sewage Sludge Treatment Raschka Engineering



- + **Consistent fuel distribution** due to lateral **spreaders**
- + Self-continuous combustion **without additional fuel**
- + **High durability** and safe burnout in the fluidized bed furnace
- + **Adaptive furnace head temperature** for reduction of pollutant loads
- + **Robust, durable** design
- + Rated thermal input **5 to 40 MWth**

Boiler Technology Standardkessel Baumgarte



- + **Recovery and use of the energy** from the combustion process
- + Self-contained **natural circulation boiler**
- + **Efficient and process adapted** boiler design
- + Design of the steam generators with **high heating surface reserve**
- + **Low fouling tendency** due to adaptive heating surface design
- + Steam parameters up to **450 °C @ 65 bar**