



Thermal Sewage Sludge Disposal

Stuttgart Mühlhausen

The German state capital Stuttgart ordered in 2003 the construction of a new line of sewage sludge incineration. The plant has been built on the main premises of Mühlhausen's sewage treatment plant and replaces incineration line no. 1.

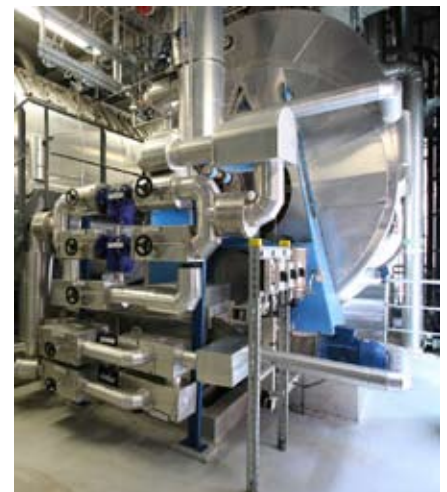
Following the drying process, the sewage sludge is incinerated together with the screenings in a fluidised bed boiler. The generated steam is led into a back pressure turbine and provides electricity for example for local heat supply and for the drying of sewage sludge.

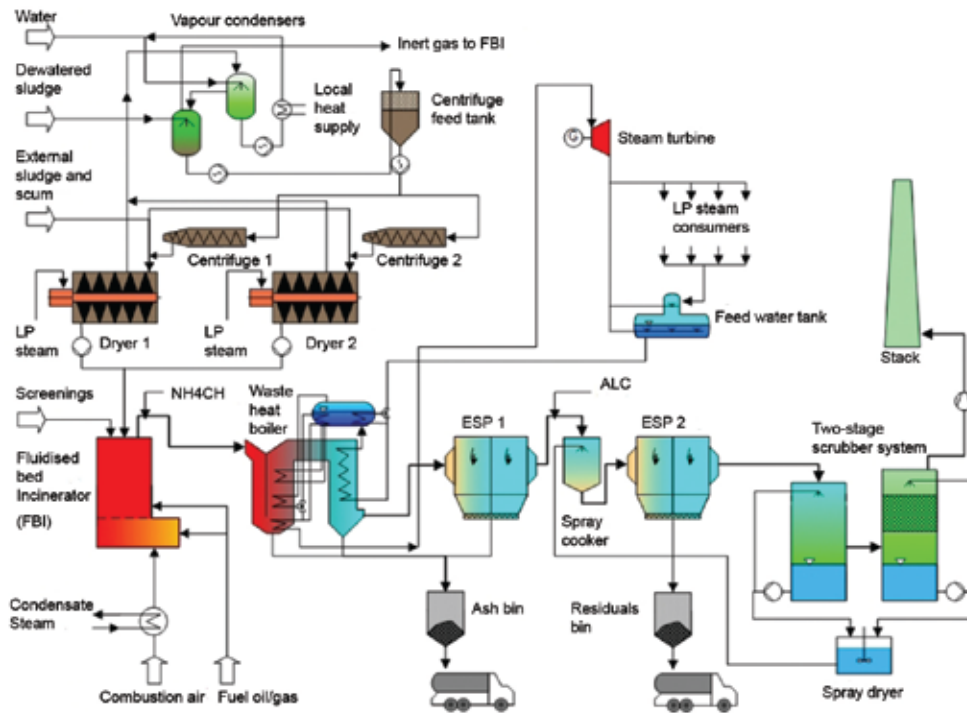
Haarslev Industries

Atlas-Stord and Haarslev merged to Haarslev Industries in 2006. We have become the leading supplier of industrial thermal drying systems and drying machines.

Haarslev dryers are used in the fish meal industry, for rendering of animal by-products, for drying of biomass products and for drying of industrial sludge.

We are the supplier of thermal drying plant as well as the condensation collector and the exhaust vapour systems.





Technical data for the sludge handling system

Capacity of the drying system 385 t wet sludge / day

Sludge dewatering

- Content of dry solids before separation 4%
- Content of dry solids after separation 25%

Sludge drying

- 2 Disc Dryers TST 2264D42
- Number of discs 64 discs
- Throughput per dryer 2t DS/h
- Content of DS before drying 22%
- Content of DS after drying 45%
- Installed driving power per dryer 160 kW
- Heating surface per dryer 433 m²

Steam production 11 t/h

Generation of current appr. 1MW

Time schedule

- Construction start January 2003
- Delivery start Beginning of 2005
- Installation November 2006
- Hand-over to the customers July 2007

Haarslev Industries reserves the right to make changes.



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