

Drying Facilities for Liquid Waste (Evaporator Concentrate, Sludge)

- Fully automatic drying up to drying criterion
- Steam condensation and mass balance by vacuum unit
- Control via failsafe S7-PLC incl. peripherals
- Variable parameter level: Adjustment of the drying cycle to specific conditions given by operator
- Modular composition for need-based operation
- Compact design (also possible for mobile use)
- Design customizable by GNS
- Optional: Automatic lidding/de-lidding station for 200 l drums



GNS-Concentrate Drying Facilities



Specifications

Drying Facility for Evaporator Concentrates

▪ System pressure:	manual or automatic pressure control
▪ Drying performance:	variable up to appr. 10 l/h each 200 l drum
▪ Heating power:	heating control up to 10 kW
▪ Reception capacity:	8 x 200 l drum (variable, depending on design size)
▪ Control system:	use of failsafe S7-devices and peripherals visualization and handling by Win-CC variable parameter level
▪ Documentation:	considerably process data acquisition and visualization
▪ Size (l * w * h)	appr. 11,000 * 3,800 * 4,500 mm (customizable)
▪ Interface	- cooling water supply exhaust air filter system - sewage system - air supply - electrical power supply

