

We invented the Exergy steam drying technology in late seventies and have over 35 years' experience in designing and delivering drying plants using our technologies integrated with other processes. We strongly believe in long term trust based relationship with our clients, partners and suppliers. Our drying solutions reinforces your process.



EXERGY DRYING FOR SLUDGE

– Environment, energy and money saving drying technology

Sludge contains 75% to 80% water and removing it requires a lot of energy. With Exergy Superheated Steam Dryer the water that is removed from the wet sludge is turned into steam thus allowing 80% of the energy input to be recycled. The Exergy Superheated Steam Dryer can also be used a sanitation method as the sludge is 100% sterilized in the process.

GENERATING PROFITABILITY

We analyse our customers' needs to provide effective drying processes that leads to a cost effective complete solution with high productivity and energy efficiency.

LOW OPERATING COST

- 150 kWh/ton water evaporation – Energy saving
- Few rotating parts – High availability and low maintenance
- Waste to energy – No support fuel needed

COMPACT AND DURABLE DESIGN

- Small foot print, built on height – Save on land
- First plant built 1979 and still in operation – Long lifetime

ENVIRONMENTAL FRIENDLY AND SAFE

- No emissions to atmosphere – No VOC or odor treatment needed
- Oxygen free – No fire and explosion protection systems needed

ADDING VALUE TO YOU END-PRODUCT

Exergy steam drying technology does more than just drying. The dried product receives many unique benefits and improvements compared to other drying methods.

MUNICIPAL AND INDUSTRIAL SLUDGE

- Sterilized product
- Odor free product
- Reduced volume
- Long term storage
- Easy to spread as fertilizer

