



Plant with silo for wet sludge to the left and dried sludge to the right

Rotadisc[®] dryer, type TST 40 Severn Trent Italia, Rovereto

Plant description

The plant is designed, built and operated by Severn Trent Italia. In principle it is a «Stand alone plant» like the one built ten years earlier in Villa Agnedo.

The plant is in general operated 24 h/day, unmanned during night.

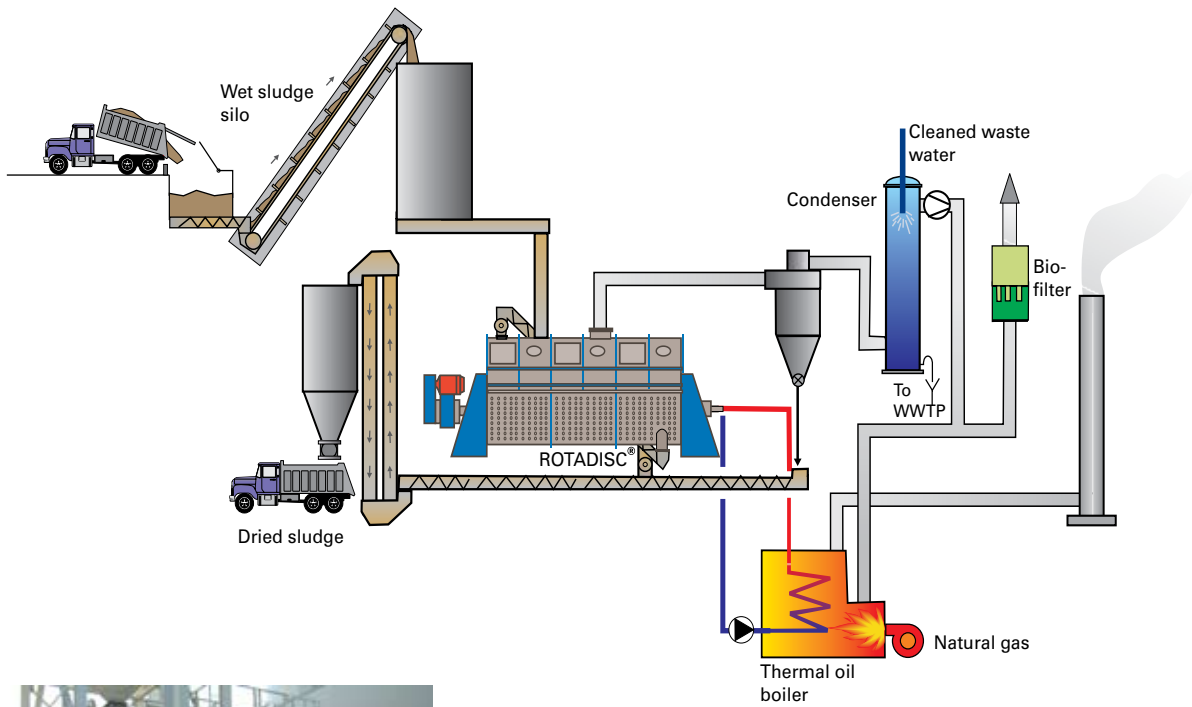
The plant consists of the following main elements:

- Hopper for sludge intake from lorries
- Silo for wet sludge
- Dryer with recycle conveyor
- System and cyclone
- Silo for dried product
- Spray condenser cooled by cleaned wastewater from the neighbour WWTP
- Gas fired oil boiler
- Bio filter for odour removal (when the boiler is out of operation)

Haarslev Industries
Atlas Stord and Haarslev

merged to Haarslev Industries in 2006. Over 50 years experience as a supplier of industrial thermal drying units made us to a competent partner.

The applications can be found in the range of the fishmeal industries, in the handling of animal by-products and for the drying process of industrial and municipal sludge. In addition they find an application in the drying process of biomass and in breweries and distilleries.



Dried sludge system with bucket elevator. Wet sludge intake hopper in the background



Rotadisc dryer with wet sludge intake to the left and cyclone to the right

Dryer specification:

Year of construction:	2000
Dryness in:	15 – 25 % DS
Dryness out:	90 % DS
Evaporation capacity:	1.900 kg / h
Heating surface:	162 m ²
Disc diameter:	1.700 mm
Number of discs:	42
Heating agent:	Thermal oil
Dryer motor:	90 kW

We reserve the right to make alterations without further notice.



Haarslev Industries A/S • Bogensevej 85
 DK-5471 Sønderso • Denmark
 Telephone: +45 63 83 11 00
 E-mail: info@haarslev.com
 www.haarslev.com

