



DDGS Production Plant The Absolut Company, Nöbbelöv, Sweden

The distillery produces ethanol for vodka based on local wheat. Stillage from the vodka distillation plant is treated in an energy saving DDGS (Distillers Dried Grains with Solubles) plant.

Before the plant was built in 2001 all stillage was fed untreated to cattle in the neighbourhood of the distillation plant. Due to an increasing stillage production it was necessary to install a DDGS plant in order to convert stillage to DDGS.

The stillage is separated in a number of decanters. Decanter cake, syrup and recirculated dry

product are dried in vacuum disc dryers. Vacuum vapour from the dryers is totally utilised in a 4 effect waste heat evaporator.

It is very important for The Absolut Company to keep the energy consumption at a low level and to produce a DDGS with a high product quality. The vacuum dryer and waste heat evaporator concept fulfils this target to perfection.

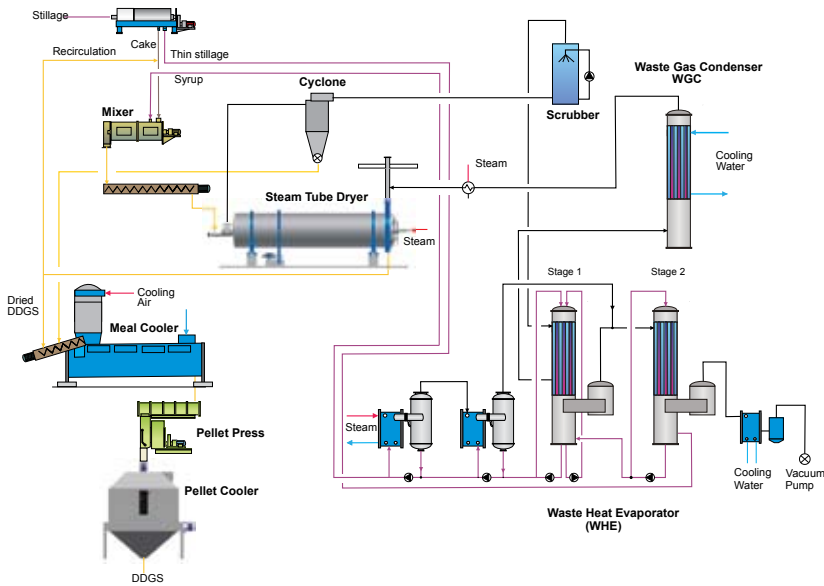
Haarslev Industries

Atlas-Stord, which has now merged with Haarslev Industries A/S, has been a major supplier of industrial drying machines for more than half a century.

During the recent years we have established a strong position in drying of by-products from distilleries and drying of biomass for fuel.



Rotadisc® for Drying of Thin Stillage



Advantages

The vacuum disc dryer combined with a waste heat evaporator (WHE) gives the following advantages:

- High energy efficiency, as close to 100 % of the waste vapour from the vacuum dryer may be utilised in the evaporator.
- High product quality
- Airless vacuum drying and therefore very little gas emission
- Low space requirement

Plant Data, the Absolut Company DDGS Plant

- Starting-up 2002
- Plant capacity 55 t/h stillage
DDGS production 5.5t/h
Evaporation
- Vacuum disc dryer 11.5 t/h
- WHE evaporator 38 t/h
Steam consumption 14 t/h
- Plant configuration
- Dryer type: Vacuum Disc Dryer
- Evaporator type: Waste heat evaporator (WHE)



We reserve the right to alter the specifications at any time without prior notice.



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