
Drying of Raw Blood Directly in the Rotating disc Dryer.

Tradition

The process of drying blood using preheating / coagulation, decanting and drying of the decanter cake gives the problem of what to do with the stick water.

- Pumping it down the drain gives a pollution problem.
- Installing a waste heat evaporator is costly and mostly not feasible.



*ASTW 160 sqm stainless steel blood dryer with recycling screw conveyors.
Capacity up to 50 tons of raw blood per 24 hrs.*

ASTW

Presents a simple and efficient method of drying raw blood directly in the Rotating disc dryer using dried material recycling.

Advantages

- You only need an all stainless steel, low maintenance Rotadisc dryer and a few screw conveyors
- Full recovery of the protein.
- A very high protein quality and content with a nice red/brown color of the dried product.
- Other materials such as sludge from the bottom of tanks or blood water can be processed as well.
- All water is evaporated in the dryer without the pollution problems, but at the expense of slightly higher steam consumption. An optional condensate return system will save approx. 12% of boiler fuel consumption.



Copyright ©2001 A & S Thai Works Ltd. All rights reserved.
Update: January 2007
Design for 1024 x 768 pixels, IE 5.0 or higher