Sulfur burning plant, obtaining sulfuric acid

Professional technological systems for the food and chemical industries







Offered devices can differ from the ones presented in the pictures



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Application:

The installation for obtaining sulfuric acid by burning sulfur is used in the food and chemical industries. It enables the production of acid with high concentrations and high purity.

Description:

Sulfur is delivered in bags and feeding through a screen into the buffer tank. Sulfur is dosed from the tank to the furnace. The SO_2 produced in the furnace goes to the tank with the adsorption column, where it is absorbed by water. The sulfuric acid produced is cleaned in the filter and fed to the acid tank.

Technical specification*

The installation for the production of sulfuric acid consists of, among others that:

- Sulfur tank and dispenser
- Sulfur combustion furnace
- Absorption column
- Pipelines unit

*Technological parameters, device configuration and construction is individually adjusted to the needs of a customer.