

# DIRECT DRYING DRUM

## Process Description

Direct drying drum is a high temperature drying technology.

The wet product (6) enters the drum (3), where it is transported mechanically and pneumatically as it is dehydrated by means of the hot gases (9) generated in the furnace (2).

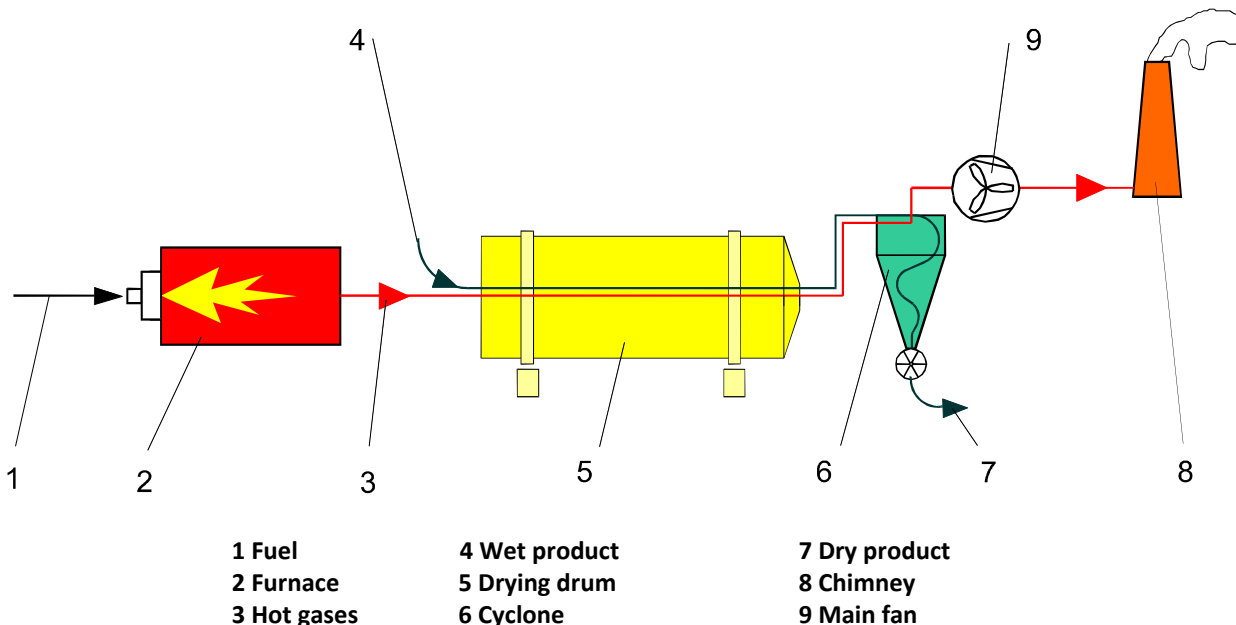
Light particles are fast transported through the drum, whereas the heavy ones remain in the hot air stream, and therefore reach the same water content at the drum outlet.

The product (7) is separated from the dehydration gases in a cyclone (4). The dehydration gases, as well as the evaporated water, are sent to the atmosphere through the main fan (5).



## Direct Drying Drum Advantages

- ✓ Low energy consumption
- ✓ Well proven technology
- ✓ Optimum product quality
- ✓ Automatic operation



Drying technology under Swiss Combi license

