

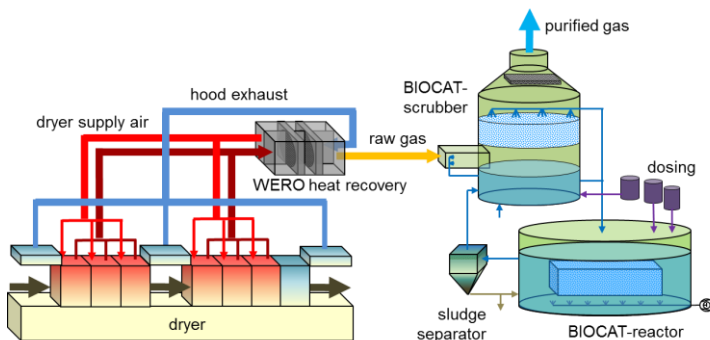
ZERO EMISSION IMPREGNATION

- Our ambition: To operate the complete impregnation process widely emission-free
- Change from fossil fuels, as natural gas, to electricity as main energy source for CO₂-free operation of the impregnation and for decarbonisation
- Up to 30 % less energy consumption compared to natural gas heated lines
- Lowest VOC and formaldehyde emissions in the emitted exhaust air



Zero Emission Impregnation

- E-Dryer - electrically heated LAY-ON-AIR® flotation dryer
 - Energy-saving drying
 - Decarbonisation of the industry and reduction of the CO₂-foot print
- Lowest energy consumption and highest dryer efficiency with:
 - DRY-IT exhaust air control
 - WERO rotary heat exchanger
 - Vits air curtain technology
- BIOCAT scrubber for lowest VOC and formaldehyde emissions in the exhaust air



Clean and Efficient

- CO₂-free drying ▶ E-DRYER
- Emission-free exhaust air ▶ BIOCAT-scrubber
- Moisture measuring ▶ DRY-IT
- Warm air with locks ▶ WERO
- More than 30 % additional energy saving
- Standby operation with more than 60 % energy reduction
- Constant suction volume from hoods and cabins
- No diffuse emissions
- Lowering of exhaust air temperature for scrubber
- Energy recovery of circulation wash water

E-DRYER
Heating: electricity



DRY-IT

Exhaust air and circulation air moisture



WERO
Heat exchanger



BIOCAT
Scrubber



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