

BIOCAT-Scrubber

for the reduction of VOC,
formaldehyde, solvents
or odours



BIOCAT-Scrubber

Your advantages:

RELIABLE OBSERVANCE OF CLEAN GAS VALUES

HIGH EFFICIENCY OF ODOUR AND POLLUTANTS SEPARATION

NO ADDITIONAL OUTPUT OF SECONDARY EMISSIONS (CO₂, SO₂, NO_x, DIOXINS AND OTHERS)

HIGH PLANT AVAILABILITY AND HIGH OPERATIONAL SAFETY

LOW AMOUNT OF MAINTENANCE AND EASY TO OPERATE

LOW ENERGY COSTS

LOW OPERATIONAL COSTS

MODULAR CONSTRUCTION AND WITH THIS VERSATILE APPLICABLE OVERALL CONCEPT

Since 1965 your competent partner in all questions of
exhaust air cleaning and heat recovery



FUNCTIONAL PRINCIPLE

For many companies and municipalities, biological exhaust air cleaning by using BIOCAT-scrubbers is a cost-effective and efficient solution to achieve the clean gas values of TA Luft and 31.BImSchV (Federal Emissions Protection Act).

- » SPECIAL FILLERS SECURE A CONSTANT HIGH SEPARATION PERFORMANCE
- » EVEN DISTRIBUTION OF THE WASHING WATER OVER THE ENTIRE FILLER BED
- » HIGH-EFFICIENCY DROPLET CATCHER ACCORDING TO BVT (FEDERAL ENVIRONMENTAL AGENCY)
- » AUTOMATIC CLEANING OF THE DROPLET CATCHER TO SECURE A MINIMUM PRESSURE LOSS

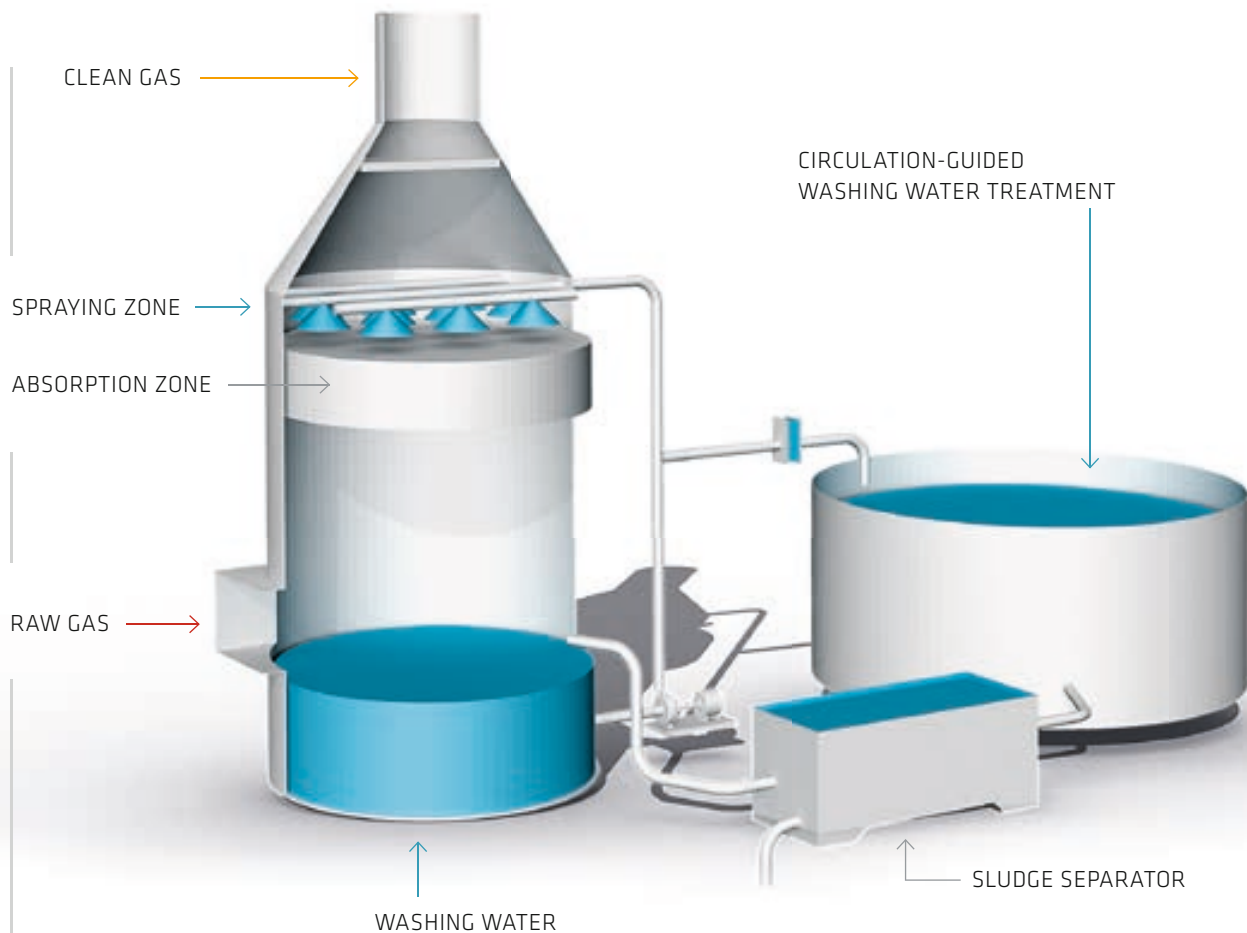
CYCLE WATER TREATMENT WITH BIOCAT-Reactor

- » MINIMUM QUANTITIES OF WASTE WATER AND FRESH WATER BY WATER TREATMENT
- » EFFECTIVE DEGRADATION OF POLLUTANTS TO H_2O , CO_2 AND COMPOSTABLE BIOMASS



BIOCAT-Scrubber

Construction



Options:

- » HEAT RECOVERY (WERO)
- » WATER TREATMENT (BIOCAT-REACTOR)
- » DEDUSTING (BIOCAT-DUO)