



MÜNSTERMANN

INDUSTRIAL AIR POLLUTION CONTROL TECHNOLOGY

SAMPLE PROJECTS SEPTEMBER 2014



Innovative process of
eliminating odours

Is the removal of odour molecules without the use of fuels or without creating waste possible? For a tobacco producer, operating in 120 countries, this innovative process as a container-based solution was designed and developed, which successfully controls unwanted odours in the processing of tobacco.



Reverse air system for a low-wear filter regeneration

At a French car maker's factory new extraction hoods had to collect the emissions from four 25-tons induction furnaces and the casting line. The 230,000 m³/h exhaust gases were extracted from dust using two compact surface filters fitted with an energy-efficient and low-wear filter regeneration system at levels well below the legal limit values.



Energy efficient mode of operation by means of a frequency converter

At one of Europe's leading investment foundries wet scrubbers were replaced by two highly efficient surface filter systems. Designed for a later production capacity expansion, an already built-in speed-control system guarantees an energy efficient mode of operation even today.



Surface filters in the flue gas cleaning system

Surface filters for the dedusting of flue gas in thermal power stations make installation variants inside buildings possible regardless of weather conditions and enable assembly within a few hours. Additive-metering devices reduce harmful gases in flue gas and optimise the filtration process by achieving minimal pressure losses.



Extremely short assembly times due to trial run before delivery

For a British tobacco producer several units for charcoal and acetate applications have been supplied. Due to the trial assembly and function test of the complete exhaust air purification system at our factory before delivery the shortest assembly times are achieved on site.