

# VENTILATION AND ENVIRONMENTAL TECHNOLOGY



**scheuch**  
TECHNOLOGY FOR CLEAN AIR

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■ In a time characterized by global climate change, the issue of particulate matter, and increasing costs for energy and raw materials, production processes that emphasize efficiency and resource conservation are becoming more and more important. Our innovative technologies and processes for clean air are making a significant contribution to solving these challenges.

Working together with our customers, we keep technology moving forward and offer complete solutions with a high degree of operating safety and operating efficiency.



# THE BEST SOLUTION

## TECHNICALLY AND ECONOMICALLY

■ Innovative technologies, excellent knowledge of customer processes, wide-ranging know-how in many different industries, years of experience and a comprehensive product and service program ensure that you will receive the best solution to your challenges – whether for new and replacement investments or for modernization and upgrades.



### High Availability and Low Life Cycle Costs

Based on a thorough analysis of the customer requirements, our specialists specify for each application the correct plant concept or required system combination as well as the optimal dimensions.

In this process, special consideration is given to aspects such as the best possible adaptation of equipment to the production process, the utilization of potential energy savings and process heat, the synergy effects that result from a complete solution, and possible future changes in the requirements. Only in this way is it possible to achieve high levels of operational availability and the lowest possible life cycle costs.

### Broad Palette of Innovative Technologies

More than 60 engineers and technicians work continuously on the development of new technologies and processes, as well as on the optimization and customer-specific adaptation of our proven equipment and plants. The focus of these efforts is always on how to increase efficiency and how to reduce capital investment as well as operating costs.

We have developed our own product line-up, which includes centrifugal separators, fabric filters, wet and dry electrostatic precipitators, biological exhaust gas scrubbers, a variety of cooling and heat extraction systems, as well as fans, rotary valves, discharge devices, valves and control systems or control devices. As a result, all components are completely compatible with each other and are optimized for the respective application.

# CONFIDENT AND SECURE

## WITH A DEPENDABLE PARTNER

■ Scheuch enjoys decade-long partnerships with many of the leading companies in individual industrial branches and these partnerships are characterized by an open, serious and mutually respectful collaboration. These partnerships underscore the high level of satisfaction experienced by our customers as well as Scheuch's own dependability.



### **Dependable Delivery and Fulfillment**

You will receive all products and services – from consulting and project planning to production, assembly, commissioning, service and emissions testing – directly from Scheuch. This makes it possible to ensure on-time delivery, reliable compliance with guaranteed emission limits, efficient project handling without interface problems, and capable customer service even after commissioning is complete.

This offers customers a special level of confidence and security in the case of very large-scale projects, when implementing modernization measures with short conversion times, or when taking delivery of spare parts as the result of damaged equipment.

### **High Product Quality and On-Time Delivery**

In order to ensure high product quality, on-time delivery and fast turnaround times, we emphasize a strong in-house manufacturing program and a high level of manufacturing depth. Highly qualified employees, automated processing through direct data networking of the engineering and manufacturing departments, and innovative logistical and planning concepts provide the foundation for this approach.

An international network of carefully selected partner suppliers complements our two modern production facilities in Austria and Slovakia, making it possible to react with a high degree of flexibility and to also provide manufacturing resources onsite at customer locations.

# SYNERGY EFFECTS

## THROUGH CROSS-SECTOR KNOW-HOW



### WOOD PROCESSING INDUSTRY

Our extraction, dedusting and transport equipment for the wood materials and wood product sectors stand out in particular through flexibility, cost effectiveness and high levels of availability — both in industry and the skilled trades.

### WOOD BASED PANEL INDUSTRY

As the market and technology leader, we are the only supplier to address all of the ventilation-related needs of a modern wood-based panel manufacturer — extraction, dedusting, material transport, fibre sifting, and the cleaning of dryer and press exhaust gases. As a result, we can achieve significant synergistic effects.



### METALS INDUSTRY

We offer efficient system solutions for environmental protection and workplace safety through the capture and reduction of emissions in the iron and steel making industries, in non-ferrous metallurgy, in the foundry industry, and in the metalworking and metal processing sectors.

### INDUSTRIAL MINERALS INDUSTRY

Extraction and dedusting plants, process filters used for material recovery and the associated material transport equipment have been proven worldwide in the cement, lime and gypsum industries, and in industries such as basic materials, construction materials and construction waste recycling.



### ENERGY INDUSTRY

A range of innovative systems are available for dedusting, reduction of pollutants, heat recovery and for the cleaning of exhaust gases generated by biomass-fired heating and combined heating and power plants, as well as plants used to recover energy from fossil fuels, scrap wood, residual materials and waste.

# SCHEUCH STANDS FOR TECHNOLOGY FOR CLEAN AIR.



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