

# CLOSER TO A CLEAN TOMORROW.

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OUR CONTRIBUTION TO  
THE GLASS INDUSTRY





We are preserving clean air  
for future generations.

A clean planet with fresh air should constitute a basic right for all mankind. At Scheuch, we have therefore made it our highest priority to help guarantee this right by continually developing our powerful air pollution control technologies. Hereby, the ever-increasing pressures on cost and resource scarcity combined with steadily increasing emissions regulations pose the greatest challenges. We accompany our customers along the path of environmental protection with our innovative technologies for clean air.

Our high level of competence, in the areas of filtration and gas cleaning, guarantees that we are always one step ahead. Due to our internationally established organization, we can offer sustainable end-to-end solutions across all continents, responding to any environmental issue in the industrial minerals industry. Innovation, service and global customer proximity are always our main focus.

Our team of the Glass Industry at Scheuch works every single day to create intelligent combinations of advanced systems and customized services. We therefore always provide a suitable answer to the diversified requirements of the sector at the right time.

Alois Hermandinger  
Director Sales & Product Management



## Under the umbrella of the Scheuch Group: Together for a better world.

The Scheuch Group, which has offices all over the world and its headquarters in Auroldmünster, Upper Austria, is an international leader in technologies for air pollution control.

Every single day, we are working on new end-to-end solutions to reduce emissions in an incredibly wide variety of industries around the globe. To achieve this, we focus on intensive research and development – putting us in a position to further sharpen the innovative edge we enjoy at an international

level. Alongside our Glass Industry, Metals Industry, Energy Industry, Wood Based Panel Industry, Industrial Minerals Industry and Wood Processing Industry divisions, our Devices and Components unit forms a key market. As a plant manufacturer, we cover the entire scope of services ourselves – from sales, project management, design, research & development, production, installation and commissioning, right through to after-sales service. And what's more, everything is always perfectly customised to the needs of our international customers.

### DID YOU KNOW THAT ...

... we run an innovation centre, complete with R&D department and extensive vertical integration, in conjunction with global production partners?



## Looking ahead – for our customers!

Here at Scheuch we understand that the need for a personal relationship with customers, a relationship based on trust, is the top priority. Thanks to our offices all over the world, we can always be close to our clients and their requirements. With our international sales team, professional project management systems and large number of Scheuch Group fitters and service technicians, we can really take care of our customers on the ground.

The secret of our success lies in our highly qualified engineering team. Our engineers are constantly working on new technologies and innovations for the Glass Industry. It is particularly important to us that we identify our clients' ever-changing needs at an early stage and anticipate the technologies they want. This approach often leads to strategic, long-term partnerships with our customers. We support our clients to grow and develop – no matter where they are in the world or how long the journey takes.

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*With our diverse product range for dedusting, heat recovery and pollutant reduction we offer customised solutions tailored to the needs of our customers around the globe.*

— ALOIS HERMANDINGER,  
DIRECTOR SALES & PRODUCT MANAGEMENT



So tomorrow's world stays  
as beautiful as it is today.

DID YOU KNOW THAT ...

... we understand that the need for a personal relationship with customers, a relationship based on trust, is the top priority?





## Glass is our world.

Scheuch is a reliable and stable partner to customers in the Glass Industry in all corners of the globe. International clients put their trust in the company's specialists, who work in offices all around the globe, and their many years of experience. We are constantly working on developing our technologies for minimising emissions so that our plants continue to comfortably meet the ever more stringent environmental regulations in the future. In addition, we provide our customers with technically sophisticated concepts for every application in the area of heat recovery.

The main focus is always on the individual requirements of the project in question – from the proposal stage and engineering, right through to production, installation, commissioning and after-sales service.



## Our industries:

For all areas of glass production and processing, integrated, specific and turnkey system solutions from Scheuch create a competitive advantage for the customer. Customised needs assessment with planning studies on existing systems and new plants lead to optimum system design for increased efficiency and maximum product quality in the glass production process. High plant availability and compliance with health and safety and environmental regulations are the primary objectives of our commitment.

### Glass production

Scheuch offers a comprehensive range of products for exhaust air collection, heat recovery, dedusting and advanced exhaust gas cleaning. Our product range covers all air pollution control requirements for container glass, flat glass and glass fibre production. From simple dedusting by means of electrostatic or bag filters to complex exhaust gas cleaning technologies, such as hot gas filters in non-catalytic or catalytic design, Scheuch offers the economically and technically optimised solution.

With its RTO technology, Scheuch covers a wide range of applications in the area of regenerative thermal oxidation. The focus here is on the reduction of CO<sub>2</sub> emissions through the possibility of using electrical energy.

### Glass processing

Scheuch's range of services covers all areas of glass processing requirements, from suction systems and dedusting to heat recovery plants.





## A one-stop shop.

The Scheuch Group views itself as both a turnkey specialist and a supplier of components. Our successful plant business is based on experience – the knowledge we have built up over decades enables us to handle major contracts just as professionally as smaller projects.

Scheuch is one of the few companies offering top quality from a single source. We will solve any

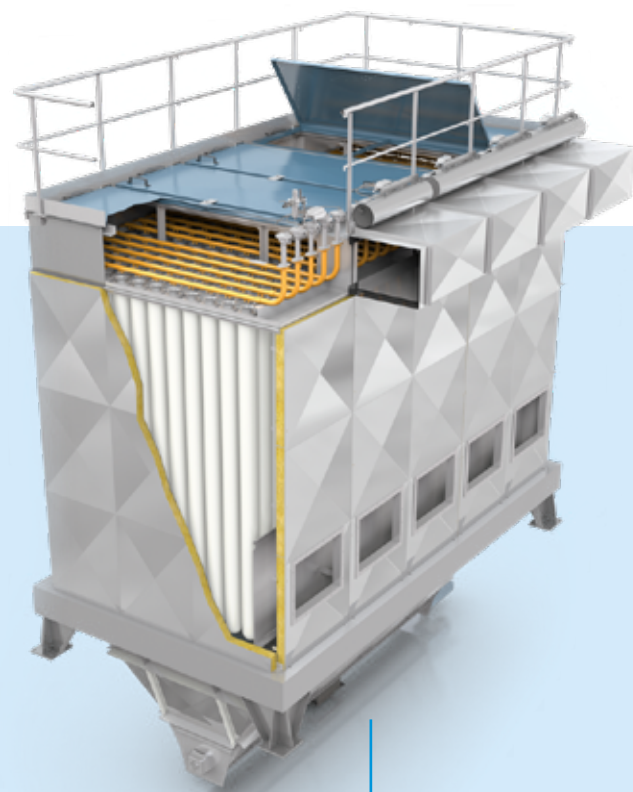
problem for a customer, no matter how complex. Getting things done quickly, reliably and to schedule is always paramount – be it for a turnkey plant or an individual component.

The secret to every well-managed project lies in creating a shared understanding with the client.

This is the foundation for a perfect set-up and, when combined with collaborative planning work, is what makes our customers so successful. We are absolutely certain that a personal relationship between customer and solution provider, one built on trust, will give the best possible results.

When it comes to challenging turnkey projects in particular, our experts work with the very latest

3D design tools and CFD simulations. Such exact planning and design work enables us to reduce the cost to our customer in terms of both time and money, allowing us to come up with the very best end-to-end solution from a technical perspective with no compromise whatsoever.



SCHEUCH  
HOT GAS FILTER / CATALYTIC HOT GAS FILTER

### FACTS

#### All components at a glance:

- BAG FILTERS
- ELECTROSTATIC PRECIPITATORS
- HOT GAS FILTER
- CATALYTIC HOT GAS FILTER
- CENTRIFUGAL SEPARATORS
- DRY SCRUBBERS
- CONDITIONED DRY SCRUBBERS
- SCR PLANTS
- HEAT RECOVERY PLANTS
- EVAPORATION, PIPE AND MASS COOLERS
- EXHAUST AIR COLLECTION INCL. CFD SIMULATION
- PIPING
- DUST SILOS
- FANS
- RTO
- DECONOX®



SCHEUCH  
ELECTROSTATIC PRECIPITATOR





# scheuch

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