





WE ARE PRODUCING CORE COMPONENTS
IN OUR OWN PRODUCTION FACILITIES
IN EUROPE AND ASIA

LUEHR FILTER GmbH -

Family owned private company

Founded: 1938

Headquarter: Stadthagen

Branch offices: Austria and Poland

LUEHR FILTER Group -

approx. 350 employees | turnover approx. 70 Mio EURO

Subsidiaries:

Australia, Great Britain and Turkey

Holdings:

LUEHR FILTER Suzhou Co. Ltd. / China - Suzhou

BLUE BIRD Co. Ltd. / Korea - Seoul

Kuttner LLC / USA - Port Washington

International representations:

Benelux, Brazil, Finland, France, Italy, Norway, Russia,

Switzerland, Spain and Ukraine





Disposal stations

Dry hydrators for CaO

Mobile bed adsorbers

• Measures for heat recovery

Product conveyance and storage

THE RANGE OF PRODUCTS

Coarse particle pre-separatorsAdditive powder injection devices

AND SERVICES

Control panels

Modernisation of existing filtration plants

Dry and wet electrostatic precipitators



THE SERVICE ACTIVITIES GENERALLY COMPRISE

ALL SERVICES BEGINNING AT THE PROJECT INSPECTION THROUGH TO THE AFTER-SALES SERVICE.

OUR **SERVICE ACTIVITIES**

We are your partner starting from initial concept studies up to the support over the whole service life.

ENGINEERING

Concept studies, site surveys, process engineering, mechanical and electrical plant engineering, programming, documentation, quality assurance

ASSEMBLY

Assembly planning, assembly management and supervision, component and plant assembly, quality assurance

COMMISSIONING

Functional testing and optimisation of plant parameters, performance tests, trial run, acceptance test



MAINTENANCE / INSPECTION

Realisation of inspections and revisions, repairs, spare part management

MODERNISATION

Analysis of the current state, development of modernisation concepts, implementation of modernisation measures

Our daily 24 h hotline is available for you for quick troubleshooting, and if necessary, for remote analysis of electrical controls.

MOBILE TEST EQUIPMENT

Mobile and customisable test equipment for e.g. evaluation of particle characteristics on site under real operating conditions

CFD ANALYSIS (COMPUTATIONAL FLUID DYNAMICS)

Flow analyses among others for the optimisation of gas flow and particle distribution as well as for the minimisation of pressure drops

RESEARCH AND **DEVELOPMENT**

As a leading supplier in the field of flue gas treatment plants it is a matter of course for us to offer our customers innovative solutions on a state-of-the-art level. That is why we are continuously investing in the research and development.

FILTER BAG TESTING

Analysis of the current status, evaluation of the remaining service life

LABORATORY

Chemical and physical analyses, particle examinations, measurements and crude gas analyses

DEMONSTRATION PLANT

A stationary demonstration plant with additive powder station, particle re-circulation and particle moistening as well as with continuous measuring technique for the simulation of sorption plants



REFERENCES IRON AND STEEL FOUNDRY

- Cupola furnaces
- Induction furnaces
- Sand processing
- Moulding plants
- Blasting plants
- Cast processing
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REFERENCES **STEEL INDUSTRY**

- Sinter strands
- Room de-dusting
- Casting bay
- Burdening
- Electric arc furnaces
- Flame cutting machines

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REFERENCES INCINERATION PLANTS

- Waste incineration
- RDF incineration
- Sludge incineration
- Biomass incineration
- Coal incineration
- Tyre incineration
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- Al melting furnaces
- Al processing
- Cu & Ms recycling
- Mg melting furnaces
- Pb recycling
- Zn recycling

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REFERENCES CEMENT / LIME / GYPSUM INDUSTRY

- Clinker cooler
- By-pass de-dusting
- Cement mill
- Drying grinding plants
- Lime shaft kilns
- Gypsum calcining plant
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REFERENCES CERAMIC INDUSTRY

- Glass tanks
- Doghouse de-dusting
- Glass fibre production
- Mineral & glass wool furnaces
- Enamel & ceramic frits
- Ordinary & fine ceramic
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REFERENCES MINERAL INDUSTRY

- Asphalt mixing plant
- Crushing plants
- Screening plants
- Mills
- Construction waste recycling
- Material handling
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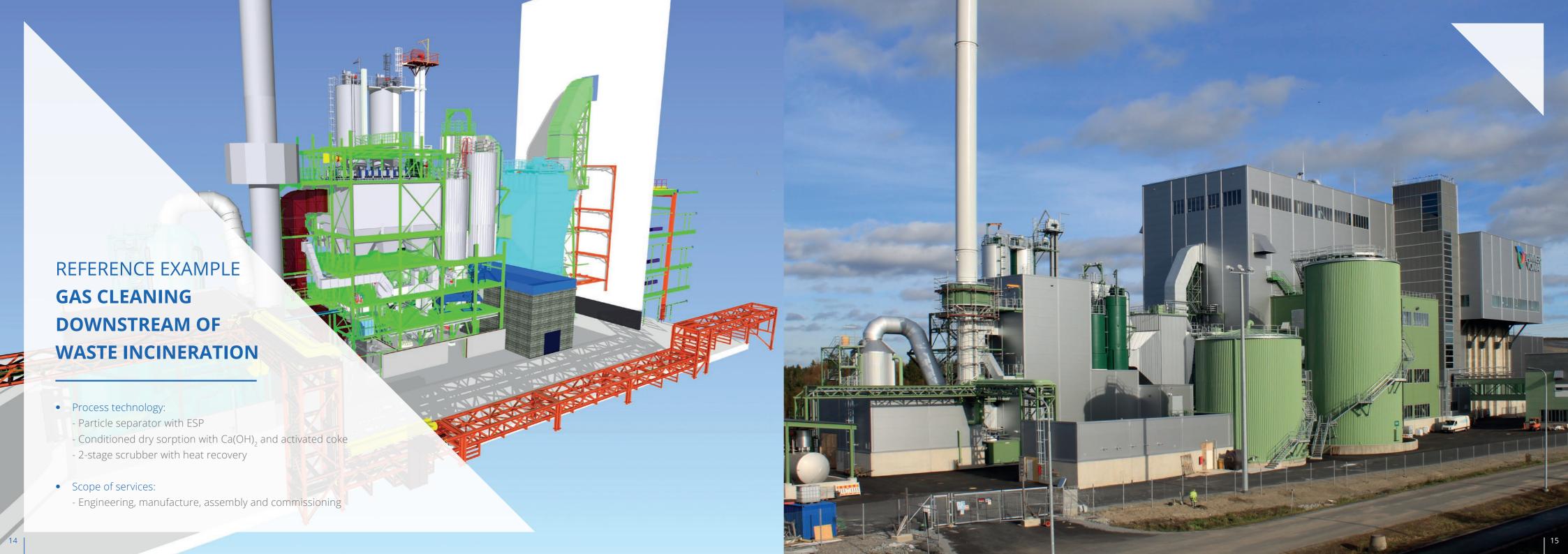
REFERENCES CHEMICAL INDUSTRY

- Salt production
- Sugar industry
- Tobacco industry
- Paper industry
- Spray & rotary dryers
- Bromine industry
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