



YOUR PARTNER FOR SUSTAINABLE
AIR POLLUTION CONTROL WORLDWIDE

www.luehr-filter.com



REFERENCES

**FLUE GAS TREATMENT FOR
INCINERATORS FOR HEAT AND
POWER GENERATION**

WE ABOUT US

LUEHR FILTER

- have been a worldwide acting company for more than 80 years
- have practical experience in filter plant construction in nearly all fields of industry
- develop process-related solutions for each individual case of application
- offer the complete project handling from the engineering up to the plant operation

OUR CORE ACTIVITY IS

the progressive and innovative development of our products and procedures for the separation of particulate and gaseous substances from the air and/or process gas.

LUEHR FILTER offers the know-how gathered from more than 80 years practical experience. In the course of these years we have successfully completed plants for air pollution control for different applications in nearly all industrial fields all over the world.

All plants are, among others, characterised by

- the reliable observance of specifically requested emission limit values, i. e. for particulate, acid crude gases such as HF, HCl, SO_x, NO_x and NH₃, dioxins/furans as well as heavy metals such as Hg and Hg compounds.
- a reliable continuous operation at low maintenance.
- low operating costs.

Below please find, as representative of a large number of completed projects, some references for the fields of application

- Incinerators for **waste**
- Incinerators for **RDF (Refuse Derived Fuel)**
- Incinerators for **residual and waste wood as well as all kinds of biomass**
- Incinerators for **paper and sewage sludge**
- Incinerators for **clinical waste**
- **Cremation furnaces**
- Incinerators for **coal and further fuels**



FIELD OF APPLICATION

INCINERATORS FOR INDUSTRIAL AND DOMESTIC WASTE

OUR CUSTOMERS INCLUDE

- **ANO Abfallbehandlung Nord GmbH**
Germany
- **AVN**
Austria
- **AWG Abfallwirtschaftsgesellschaft**
Germany
- **Beaver Hill Disposal Site**
USA
- **Covanta**
USA
- **EEW Energy from Waste
MHKW Pirmasens**
Germany
- **Ekokem Oy Ab**
Finland
- **ENERGYCO, s.r.o.**
Slovakia
- **Enertec Hameln GmbH**
Germany
- **Envirotherm GmbH**
Germany
- **GML Abfallwirtschaftsgesellschaft**
Germany
- **MSW**
Korea
- **Oulun Energia**
Finland
- **Samsung Electronics**
Korea
- **SIVOM**
France
- **Städtische Werke Magdeburg
MHKW Rothensee**
Germany
- **Steinmüller Babcock
Environment GmbH**
Germany
- **Tammervoima Oy**
Finland



FIELD OF APPLICATION

INCINERATORS FOR REFUSE DERIVED FUELS (RDF)

OUR CUSTOMERS INCLUDE

- **Biostoom Oostende N.V.**
Belgium
- **Enertec Hameln GmbH**
Germany
- **EEW Energy from Waste Delfzijl B.V.**
The Netherlands
- **EEW Energy from Waste Knapsack**
Germany
- **EEW Energy from Waste Premnitz**
Germany
- **Energiesanlage Bernburg GmbH**
Germany
- **Fortum Power and Heat Oy**
Finland
- **HKW Mecklenburger
Kartoffelveredelung GmbH**
Germany
- **HKW Stavenhagen**
Germany
- **Kantor Energy Limited**
Great Britain
- **Oschatz GmbH**
Germany
- **PD Energy GmbH Danpower**
Germany
- **Spreerecycling GmbH & Co. KG**
Germany
- **Standardkessel Baumgarte GmbH
Energy from Waste**
Germany
- **Standardkessel GmbH**
Germany



FIELD OF APPLICATION INCINERATORS FOR ALL KINDS OF BIOMASS

OUR CUSTOMERS INCLUDE

- **AET Aalborg Energie Technik a/s**
Denmark
- **BE Bioenergie GmbH & Co. KG**
Germany
- **Bertsch GmbH & Co. KG**
Austria
- **Campoaves - Aves Do Campo, S.A.**
Portugal
- **Compte R.**
France
- **Foster Wheeler Oy**
Finland
- **Getec AG**
Germany
- **HVC.NV Huisvuilcentrale**
The Netherlands
- **InfraServ**
Germany
- **Metso Power Oy**
Finland
- **N Prior Energy**
Germany
- **Oschatz GmbH**
Germany
- **Polytechnik GmbH**
Austria
- **Renewa Oy**
Finland
- **Richard Kablitz GmbH**
Germany
- **Stadtwerke Düsseldorf**
Germany
- **Standardkessel GmbH**
Germany
- **STEAG GmbH**
Germany
- **Valmet Technologies, Inc.**
Finland
- **Vyncke Energietechnik NV**
Belgium
- **We Energies**
USA



FIELD OF APPLICATION

INCINERATORS FOR PAPER AND SEWAGE SLUDGE

OUR CUSTOMERS INCLUDE

- **Bamag Environment GmbH**
Germany
- **Currenta GmbH**
Germany
- **Choyang Engineering**
Korea
- **Lurgi Energie- und Entsorgung GmbH**
Germany
- **Metso Power Oy**
Finland
- **Outotec GmbH**
Germany
- **ThyssenKrupp Encke**
Germany
- **TVM Thermische Verwertung Mainz GmbH**
Germany
- **UPM GmbH**
Germany
- **UPM Kymmene (UK) Ltd**
Great Britain



FIELD OF APPLICATION

INCINERATORS FOR CLINICAL WASTE AND CREMATORIES

OUR CUSTOMERS INCLUDE

- **Draeger Energietechnik GmbH**
Germany
- **Erlanger Medicalcenter**
USA
- **H. R. Heinicke GmbH**
Germany
- **Imtech Deutschland GmbH & Co. KG**
Germany
- **Industriefen- und Feuerfestbau Zwickau GmbH**
Germany
- **Kraftanlagen Hamburg GmbH**
Germany
- **Majo Foundation**
USA
- **Ruppmann GmbH**
Germany
- **The Pirbright Institute**
Great Britain



FIELD OF APPLICATION INCINERATORS FOR COAL AND FURTHER FUELS

OUR CUSTOMERS INCLUDE

- **Babcock Borsig Steinmüller GmbH**
Germany
- **BASF SE**
Germany
- **Dürr**
China
- **ERBUD INTERNATIONAL Spółka z o.o.**
Poland
- **Energika**
Poland
- **Imtech Deutschland GmbH & Co. KG**
Germany
- **Imtech Industrie Int.**
The Netherlands
- **Lenzing AG**
Austria
- **Lurgi Envirotherm**
Germany
- **NHU**
China
- **Reifen Ihle GmbH**
Germany
- **Standardkessel GmbH**
Germany
- **Steuler Anlagenbau GmbH & Co. KG**
Germany
- **TU Braunschweig**
Germany
- **Wagner Biro**
Austria



Coal incineration



DeSOx downstream of coal incineration



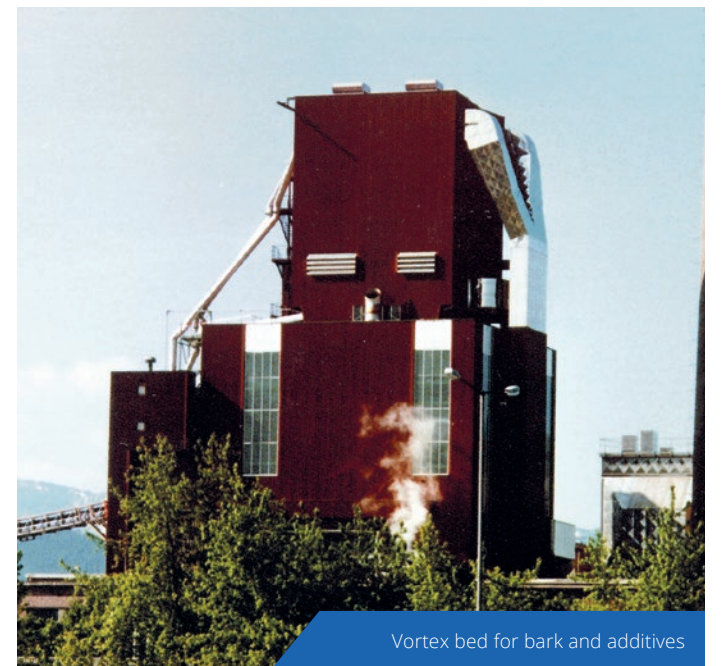
Asphalt recycling



Tyre incineration

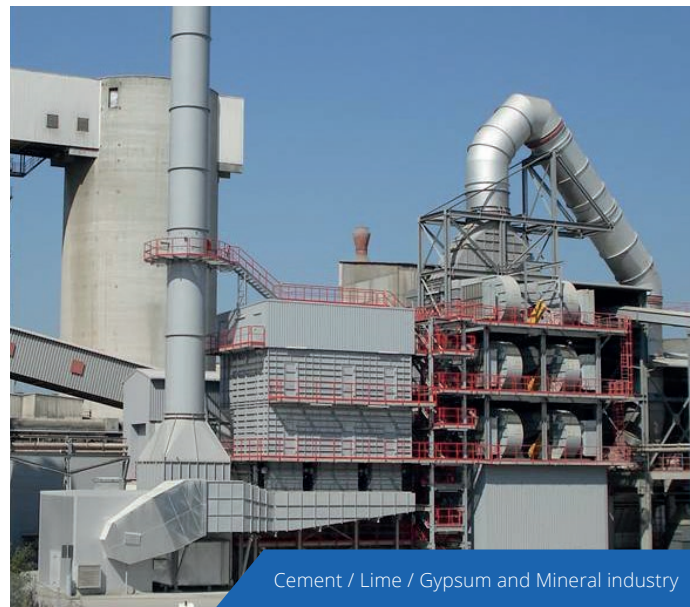


Animal meal incineration



Vortex bed for bark and additives

REFERENCES IN FURTHER INDUSTRIAL BRANCHES



FACTS AND FIGURES

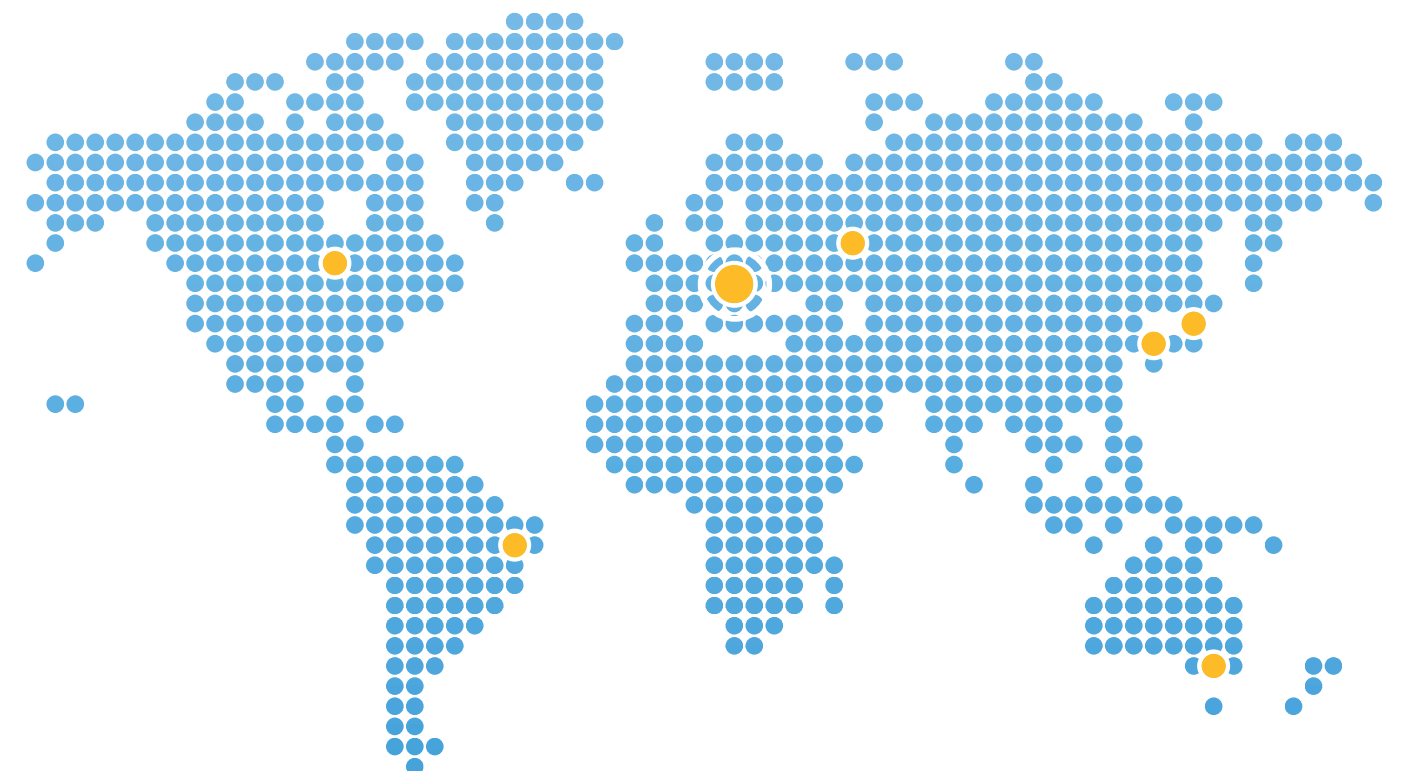
LUEHR FILTER GmbH – Family owned private company

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





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