

References
*Flue gas treatment downstream incinerators
for power generation*



LUEHR FILTER GMBH & CO. KG ...

LUEHR FILTER offers the know-how gathered from more than 70 years practical experiences. In the course of these years we have realised plants for air pollution control for different applications in nearly all industrial fields all over the world. All plants are characterised by

- ⊙ the reliable observance of the corresponding requested emission limit values, i.a. for particles, heavy metals, acid crude gases such as HF, HCl, SO_x and dioxins/furans.
- ⊙ a reliable continuous operation at low maintenance.
- ⊙ low operating costs.

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

- ⊙ **Incinerators for domestic waste**
- ⊙ **Incinerators for RDF (Refuse Derived Fuel)**
- ⊙ **Incinerators for residual and waste wood as well as natural biomass**
- ⊙ **Incinerators for paper- and sewage sludge**
- ⊙ **Incinerators for hospital waste and crematories**
- ⊙ **Incinerators for further fuels**

**... MORE THAN 70 YEARS OF WORK EXPERIENCE GATHERED
FROM THE CONSTRUCTION OF AIR POLLUTION CONTROL PLANTS**



Incinerator for RDF

FIELD OF APPLICATION: INCINERATORS FOR DOMESTIC WASTE

OUR CUSTOMERS ARE I. A.

- ⊙ ANO Abfallberhandlung Nord GmbH, Bremen
- ⊙ AVN, Dürnrohr/Austria
- ⊙ AWG Abfallwirtschaftsgesellschaft, Wuppertal
- ⊙ Beaver Hill Disposal Site, Oregon USA
- ⊙ Covanta Projekt Durham York/Canada
- ⊙ Enertec Hameln GmbH
- ⊙ E.ON Energy from Waste MHKW Pirmasens
- ⊙ GML Abfallwirtschaftsgesellschaft, Ludwigshafen
- ⊙ MSW, Nonsan City/Korea
- ⊙ Oulun Energia/Finland
- ⊙ Samsung Electronics/Korea
- ⊙ SIVOM, Cluses/France
- ⊙ Städtische Werke Magdeburg MHKW Rothensee



FIELD OF APPLICATION: INCINERATORS FOR RDF

OUR CUSTOMERS ARE I. A.

- ⊙ Baumgarte Boiler Systems, projekt Nehlsen Heizkraftwerke, Stavenhagen
- ⊙ Baumgarte Boiler Systems, projekt Electra Winds, Oostende/Belgium
- ⊙ Baumgarte Boiler Systems, projekt PD Energy GmbH, Bitterfeld-Wolfen
- ⊙ Enertec Hameln GmbH
- ⊙ E.ON Energy from Waste Knapsack, Hürth
- ⊙ E.ON Energy from Waste Premnitz
- ⊙ Fortum, projekt Kauttua Finland
- ⊙ Oschatz, projekt Mecklenburger Kartoffelveredelung GmbH, Hagenow
- ⊙ Spreerecycling GmbH & Co. KG, Spremberg
- ⊙ Standardkessel, projekt Energieanlage Bernburg



FIELD OF APPLICATION: INCINERATORS FOR RESIDUAL AND WASTE WOOD AS WELL AS NATURAL BIOMASS

OUR CUSTOMERS ARE I. A.

- ⊙ AET Aalborg Energie Technik a/s /Denmark with projects in Germany, Austria, Great Britain, France and Italy
- ⊙ BE Bioenergie GmbH & Co. KG, project straw combustion Emlichheim
- ⊙ Bertsch GmbH & Co. KG/Austria
- ⊙ Comte R/France with different projects in France
- ⊙ Foster Wheeler Oy/Finland with projects in Great Britain
- ⊙ Getec AG/Germany with projects in Germany
- ⊙ HVC-NV Huisvuilcentrale, Alkmaar/The Netherlands
- ⊙ InfraServ, Wiesbaden
- ⊙ Kablitz und Mitthof GmbH, Lauda-Königshofen
- ⊙ Metso Power Oy/Finland with projects in Great Britain
- ⊙ N Prior Energy/Germany with projects in Germany and Belgium
- ⊙ Oschatz GmbH/Germany with projects in Italy
- ⊙ Polytechnik GmbH, Falzenbach/Austria
- ⊙ Renewa Oy/Finland with projects in France
- ⊙ Stadtwerke Düsseldorf
- ⊙ Standardkessel GmbH/Germany with projects in Germany and The Netherlands
- ⊙ STEAG GmbH/Germany with projects in Germany
- ⊙ Vincke Energy Technik/Belgium with projects in Belgium and Spain
- ⊙ We Energies, Wisconsin/USA



FIELD OF APPLICATION: INCINERATORS FOR PAPER- AND SEWAGE SLUDGE

OUR CUSTOMERS ARE I. A.

- ◉ Bamag GmbH, Butzbach with several projects in Great Britain and Denmark
- ◉ Bayer AG, Leverkusen
- ◉ Choyang Engineering/Korea
- ◉ Lurgi Energie- und Entsorgung GmbH, project Grovehust/Great Britain
- ◉ Metso Power Oy/Finland, project UPM Shotton Paper/Great Britain and UPM Chapelle/France
- ◉ ThyssenKrupp Encoke, project CDA, Lugano/Italy as well as AVIRA/The Netherlands
- ◉ UPM-Kymmene Papier GmbH & Co. KG, Schongau



FIELD OF APPLICATION: INCINERATORS FOR HOSPITAL WASTE AND CREMATOR FURNACES

OUR CUSTOMERS ARE I. A.

- ⊙ Draeger Energietechnik GmbH, project Kiel
- ⊙ Erlanger Medicalcenter, Chattanooga/USA
- ⊙ H. R. Heinicke GmbH, Verden with different projects in Europe and China
- ⊙ Industrieofen- und Feuerfestbau Zwickau with different, worldwide projects
- ⊙ Kraftanlagen Anlagentechnik, Hamburg with different, worldwide projects
- ⊙ Majo Foundation, Rochester/USA
- ⊙ MEDX Inc., Baltimore/USA
- ⊙ ROM, Frankfurt and Düsseldorf
- ⊙ Ruppmann GmbH, Stuttgart with different projects in Europe



FIELD OF APPLICATION: INCINERATORS FOR FURTHER FUELS

OUR CUSTOMERS ARE I. A.

- ⊙ ROM, Hamburg, project Celle – Coal combustion
- ⊙ Deutsche Babcock, Oberhausen – Projects for coal combustion
- ⊙ Degussa, Bruchhausen – Mother liquor combustion
- ⊙ Homann, Dissen – Coal combustion
- ⊙ Imtech Industrie Int./The Netherlands – Combustion of chemical residues
- ⊙ Lenzing AG/Austria – Vortex bed for sludge, bark and additives
- ⊙ Lenzing AG/Austria – Liquor combustion
- ⊙ Lurgi Envirotherm, Frankfurt – Project animal meal combustion in Great Britain
- ⊙ Reifen Ihle GmbH, Günzburg – Tyre combustion
- ⊙ Standardkessel GmbH, Duisburg – Project tyre combustion Polgar/Hungary
- ⊙ Steuler Anlagenbau, Höhr-Grenzhausen – Asphalt recycling/The Netherlands
- ⊙ TU Braunschweig – Material test stands for fire protection
- ⊙ Wagner Biro/Austria – Coal combustion



COAL COMBUSTION



FIRE TEST STANDS



ASPHALT RECYCLING



TYRE COMBUSTION



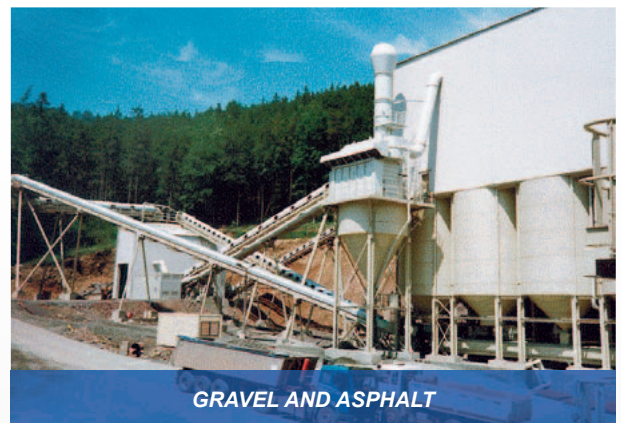
ANIMAL MEAL COMBUSTION



VORTEX BED FOR SLUDGE, BARK AND ADDITIVES

REFERENCES IN FURTHER INDUSTRIAL BRANCHES

Beside the construction of plants for air pollution control downstream incinerators for power generation **LUEHR FILTER** is active in many other industrial branches.



LUEHR FILTER GMBH & CO. KG



FACTS AND FIGURES

Founded: 1938

Employees: approx. 300, thereof 140 working in production

Turnover: approx. 70 Mio. € (without subsidiaries and holdings)

Head office: Stadthagen

Subsidiaries: in Austria, Great Britain and Italy

Companies with holdings:

- M.G.F. – Gutsche & Co. GmbH-Betriebs-KG** in Fulda (i. a. manufacture of needle felts for filtration)
- EWK-Umwelttechnik GmbH** in Kaiserslautern (i. a. sales of dry and wet electrostatic precipitators and catalyst technology)
- LUHR FILTER PTY. LTD.** – Australia – Melbourne – Rowville
- BLUE BIRD CO. LTD.** – Korea – Seoul
- LUHR FILTER Polska sp.z o.o.** – Poland – Wrocław
- Kuttner LLC** – USA – Port Washington

International representations: in Benelux, Brazil, Finland, France, Norway, Russia, Spain and Switzerland

*Find the contact person responsible for your area on
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