

JONITEC

Anlagenbau GmbH



Customised solutions in **dedusting technology**

Flue gas filter for biomass combustion plants

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IONITEC specialises in flue gas filters for biomass combustion plants. Independent of plant size or manufacturer. Independent of new building or retrofitting.

IONITEC electric filters are customised for each plant*. Thus, optimal efficiency, low energy consumption and a long service life are ensured.

From small-sized combustion plants to industrial applications. IONITEC has an ideal and cost-efficient solution.

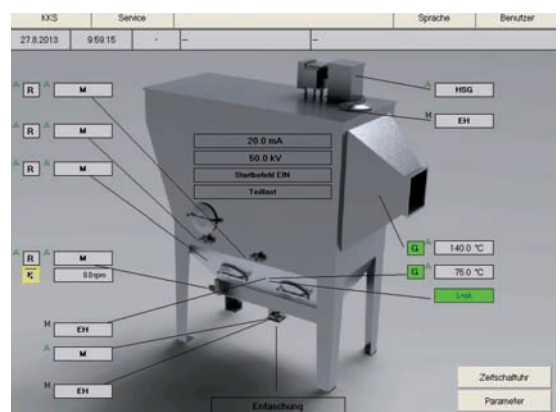
* Output range from 0.2 – 15 MW

Superior technology

IONITEC systems use dry plate electric filters. Coarse particles are separated in the coarse separation chamber, whereas the fine particles are forwarded to the high voltage field. Thus, it is possible to use IONITEC filters both with or without multi-cyclones.

Moreover, it is no problem to use IONITEC electric filters in overpressure operation. Flue gas from two or more combustion plants can thus be de-dusted by only one IONITEC filter.

In case of problems, the IONITEC service team can offer quick and easy support and first aid via the remote maintenance software.



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Flexibility

We as a small company are in a position to flexibly react to customer needs, which we implement without extra costs.

Low space requirement

IONITEC relies on unbalance motors, the so-called bunker vibrators. Thus, IONITEC filters require far less space and a lower construction height. The mini electric filter range which has been developed in particular for retrofitting is provided as a special solution for internal installations with low construction height and for an output of up to 2MW.

Easy cleaning

The feed-through high voltage isolators of IONITEC electric filters are not located in the flue gas flow but in a chamber at the filter roof. Thus it is possible to clean them from the outside without any problems. System failures caused by isolator damage therefore belong to the past.

High quality

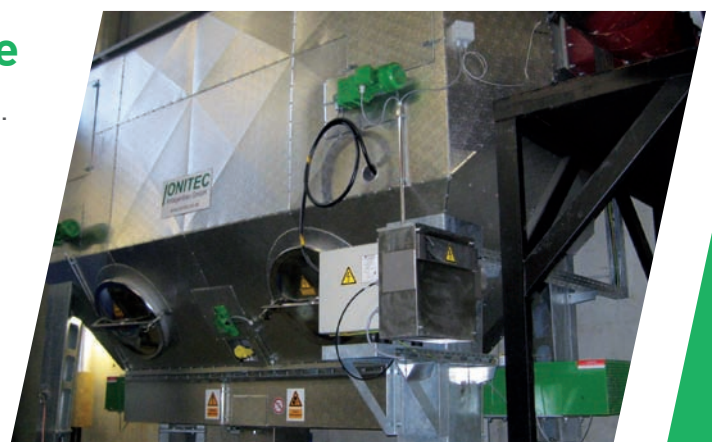
The robust and high-quality design of IONITEC systems and assembly in the factory ensure high quality and a long service life

Reliable partners & suppliers

IONITEC trusts reliable and quality-oriented partners. Suppliers from Austria, Germany and Italy ensure the constant, top quality of the systems and individual components.

Everything from a single source

From planning and assembly to commissioning. Whether for the new development or optimisation of your existing plant.



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Contact

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