

Tar ESP

BETH tar electrostatic precipitators are specifically designed for **applications in coking plants** and after **biomass/wood gasification plants**, for protecting the downstream gas motors and turbines.

- For volume flows from 500 to 100,000 m³/h
(? 294 to 58,860 cu.ft./min)

The technical design of the BETH Tar Electrostatic Precipitator (ESP) is based on that of the BETH Wet ESP, but usually comes without a mist and cleaning water zone.

Biomass Gasification

Until recently, the main problem with biomass gasification has been the inadequate quality of the gas, particularly its high concentrations of tars and dust. The filter technology of BETH Tar ESPs has changed all that.

Clean

Hydrocarbons, tar, oil, and flue are filtered safely and reliably from the gas stream, reducing concentrations from 50g/Nm³ tr. to as low as 10 mg/Nm³ tr.

Time-Tested

BETH tar ESPs have been put to the test in decades of continuous operation, proving their superior efficiency time and again.

- Optional pressure container
- O₂ measurement, stainless steel version
- Heated insulators and filter body
- Nozzles for cleaning, inerting and evaporating



Weitere Informationen / More Informations
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