



BIOMASS PLANTS

RENEWABLE ENERGY GENERATED BY A STORK BIOMASS FIRED BOILER SYSTEM

Stork designs, builds and services state-of-art clean energy plants converting biomass and biofuels into heat and/or power.

The energy transition sets new requirements for boiler plants, Stork is an optimal partner for energy flexibility and -storage solutions. The Stork biomass fired boiler system is a reliable green alternative for heat and power generation.

A Stork Biomass power plant is a complete packaged solution including a fuel handling system, a completely assembled watertube boiler with integrated biomass combustion system and efficient flue gas cleaning. The modules are suitable for road transport.

The Stork will optimize the standard solution to satisfy the clients specific benefits and needs. These optimizations can include a steam accumulator, flue gas condenser, heat pump to accommodate for fluctuations in the heat demand or a steam turbine for electricity production.

OUR ADDED VALUE

- Turn key solution
- Guaranteed performance
- Reliable and robust boiler design
- Low emissions
- Packaged solution
- Small footprint
- Boiler solution is optimized for specific needs



PRODUCT DETAILS

BIOMASS FIRED BOILER PLANT

Boiler type	EDL
Combustion	Moving grate or fluidized bed
Boiler capacity	<50 MWth
Steam pressure	<60 bar
Steam temperature	<500 °C
Efficiency (LHV)	90% - 107%

APPLICABLE FOR:

- District heating
- Steam consumers
- Electricity consumers
- Waste incineration plants
- Biomass incineration plants

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