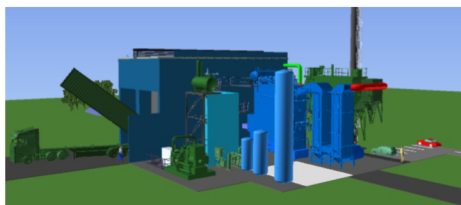
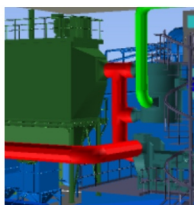
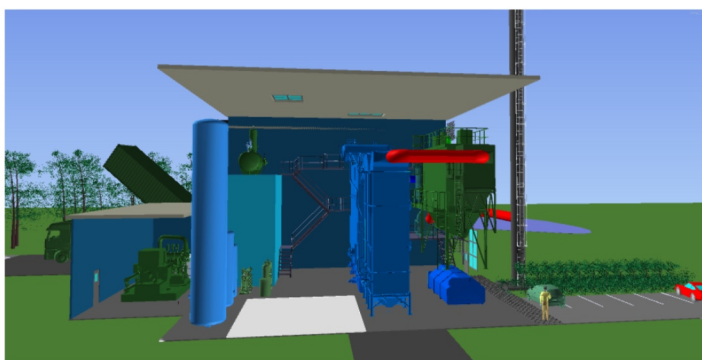




# CHARLIE 5, 6 & 8MW

## COMPACT & EFFICIENT BIOMASS STEAM POWER

The Charlie model is a prefabricated medium-sized biomass steam boiler system that reduces costs, increases efficiency, and provides the highest operational reliability for a dependable energy supply. Despite its standardization, it is flexible and can be adapted to your specific requirements.



### KEY FEATURES

- ✓ **Performance:** 5, 6 or 8 MW (Steam, Electricity & Heat)
- ✓ **Efficiency:** 94% efficiency rate
- ✓ **Steam Parameters:** 310–500 °C | up to 100 bar pressure | 7,5–12 t/h
- ✓ **Electrical Output:** 0,6 - 1,1 MW/h
- ✓ **Comprehensive Package:** Includes fuel handling, boiler technology, turbine, filter, water treatment, safety systems & SCADA control

### BIOMASS FUEL

Our steam boiler system can utilise many different types of biomass. From wood chips & pellets to straw, wood waste & olive stones. Moist fuels with up to 50% moisture are also possible.

### PLANT EXAMPLE

#### General Information

Boiler Output	8 MW
Plant Efficiency	94%
Biomass	Wood chips
Pressure	60 or 100 Bara
Superheat Temperature	max. 500°C

#### Boiler Production Steam

Pressure	8 bara
Steam Production	12.030 kg/h

### ABOUT US

At Focus BioEnergy, we offer customised energy solutions that replace fossil fuels with CO<sub>2</sub>-neutral biomass. Our advanced steam technology increases operational efficiency and enables reliable electricity and heat generation.

We have been in the Danish district heating and processing industry for over 30 years, always emphasising close cooperation and comprehensive advice.

**Question? Want to find out more?**  
**Visit us at [www.focusbioenergy.com](http://www.focusbioenergy.com)**  
**- or contact us directly!**

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