



ECOTECH
GROUP

HEAT PRODUCING COMMERCIAL BIOMASS SYSTEM

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Key Features:

- Anti-explosion safety valves within the heat exchanger.
- Fire fighting device with positive action and adjustable temperature controls complete with filter.
- Heat Exchanger is made of high quality steel and designed for maximum heat transfer yield.
- The combustion chamber has a thick refractory lining of a high aluminium content made with refractory bricks to obtain a high temperature and thus to optimise combustion.
- The combustion chamber reaches temperatures ranging 900 - 1.300 °C and it is provided with doors for periodic cleaning of the brazier.
- A post combustion chamber enables entrance of gas with high turbulent velocity due to injection of the secondary air.
- Chamber for ash collection complete with extractable containers for periodic cleaning.
- The boilers are designed and constructed for burning wood chip, solid wood lumber or alternatively liquid and gaseous fuels.
- Plenums at each end are designed to allow for easy and quick cleaning.
- Large pipes have been selected to ensure an efficient transfer of heat from fuel to the process water.
- Varnished to protect against corrosion.
- Handles most fuels up to 45% relative humidity.
- The boilers are completely insulated with high-density insulating material, and protective painted steel panelling.

Talk to us about your biomass requirements today.

