

DATASHEET

Bio Fuel Systems



Key Features

Hamworthy Combustion has proven experience in firing Solid, Liquid or gaseous Bio-fuel or waste fuels using standard and bespoke equipment. Pine oil, Tallow, Palm oil, Bio-diesel, Glycerine have all been fired successfully using the Hamworthy Combustion range of atomisers. Solid wastes such as bark and sawdust can be used with Hamworthy Combustion burners, and Low calorific gases such as mines gas Hydrogen etc can be combusted using the Hamworthy Combustion LCV gas burner.

- Proven performance with large installed population
- Double/Triple gun designs for firing more than one liquid waste
- Specialist Knowledge of Material requirements for different waste/Bio-oils
- Simultaneous firing of Gaseous and liquid wastes
- Low-Nox Designs available
- No moving parts for reliable service.
- Can be used with FGR and steam injection to reduce emissions.
- Easy retrofit into existing plant



- Will work with most types of ignition systems and flame detection systems



Burners for firing Pine oil a waste product for the paper industry

Standard Supply

- Fuel gun
- Atomiser
- Air Swirler

Specification

- Size - 2 – 70MW
- Weight - Approx 500KG
- Material - Carbon steel hardened/ stainless steel

Related Questions

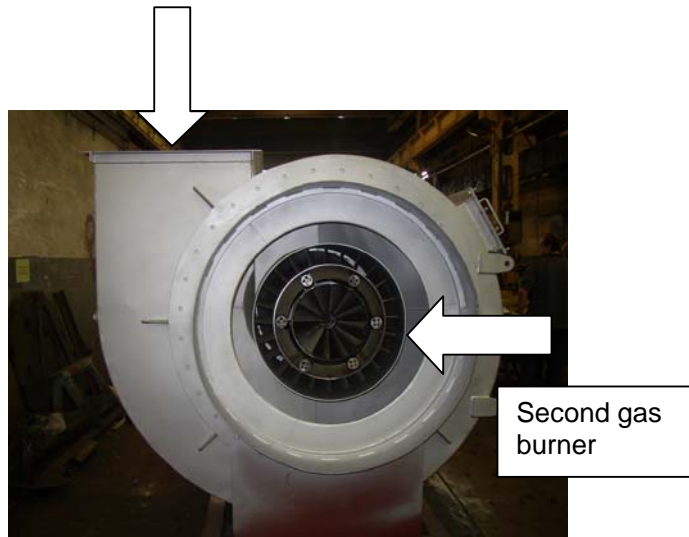
- What Waste/Bio-fuels fuels do I fire?
- What quantity of fuel and at what pressure do I operate?

Other Hamworthy Combustion Services related to this product

- Complete bespoke Burner Management systems
- Burners
- Ignition Systems
- Burner flame detection systems
- Fuel valve trains
- Complete turnkey service
- After Sales back up



Low calorific gas entry and scroll



Hamworthy Low-calorific gas burner for firing Waste gases

For further information on combustion equipment please contact the head office:

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Power/Bio Fuel Systems/February 2008/Rev. 1

Hamworthy Combustion Engineering Limited reserve the right to make changes and improvements which may necessitate alteration to the specification without prior notice


HAMWORTHY
COMBUSTION

Incorporating:
PEABODY ENGINEERING
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