

MAY NEWSLETTER

Bio Global Industries Ltd — Monthly Newsletter

May 2017

Small Scale Waste Wood Solutions

The U4 waste exemption allows end users to burn waste as a fuel in a small appliance. The types of activity you can carry out include:

- ◆ A plant nursery burning dead plants and untreated wood waste in a boiler to produce heat for its greenhouses.
- ◆ A business burning wooden pallets that have not been treated with timber preservatives in a boiler that also provides hot water for a building.

Key Conditions: The boiler must have a net rated thermal input of less than 0.4 MW and if there is more than one appliance, the total net rated thermal input must be less than 0.4 MW (for example, four 0.1 MW appliances). The waste must be stored in a secure place and the waste used must be suitable for burning as a fuel.



The solution shown below utilizing two Biokompakt® 100 kW boilers fully complies with the U4 waste exemption.

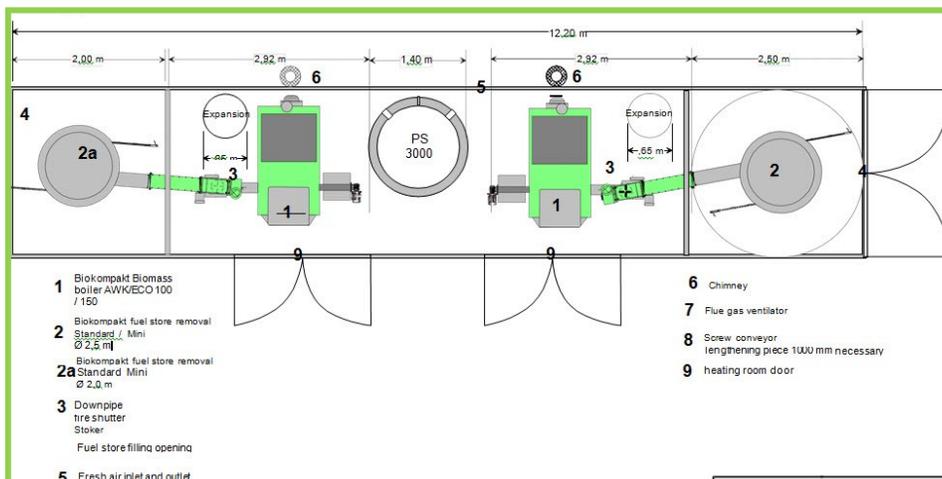
To discuss these types of solutions in more detail, please give the BGI Technology Centre a call on **01494 757055**.

“ There has been a great deal of interest recently for our large Mega Watt boiler range however this month we are focusing on some of our smaller, innovative and very affordable solutions from the BGI range.”

*- Matthew Hunt,
Managing Director, BGI Ltd.*

In This Issue

- Small Scale Waste Wood Solutions for U4 Waste Exemption
- BGI Partner Training Days
- Affordable Heating with the Maxi Bio



The Schematic for our 2 x Biokompakt® 100kW boiler solution for U4 Waste Exemption

BGI Partner Training Days

Our May Partner Training Day was well attended and one installer turned up in his electric car which happily charged up whilst the course was underway. Below is some feedback from some of the delegates who attended:

"I got a good feeling about BGI during the course of the day. They are extremely knowledgeable and passionate and further to this, they communicate an ethical element to their business which is extremely reassuring." - **Oxford Renewables.**



Jim Dowling from Oxford Renewables in this electric car

"I found it highly informative and particularly appreciated the fact that it was fuel focused, both the home grown SRC and the waste opportunities...would recommend the course...a holistic approach to using biomass heating into the future, whatever it may bring" - **McKerrow Engineering.**

"Very informative about the background issues that are becoming evident with the governance and control of the biomass industry with the fading importance of the RHI. An opportunity to take in a bigger perspective for future planning." - **Piping Hot Cookers.**

There have been many changes within the industry with regards to burning waste as a fuel. BGI has spent considerable time and resources researching a robust process for waste to fuel and now follow a simple and effective process to allow you to make an informed and technically correct decision, potentially saving time and money on a costly investment.

During one of our monthly Partner Training Days, as well as in-depth learning about our full range of boilers which now spans from 135 kW up to 15 MW, delegates also learn about locally sourced alternative biomass fuels that can operate outside of the RHI. We also cover the regulations surrounding burning WID and non WID waste wood and its future as a fuel.

If you would like to become a BGI Partner and join our expanding network of Installers, we run monthly training courses at our Technology Centre in Asheridge, Bucks.

The next available dates are:

13/06/17 and 11/07/17

Cost: £99 for the 1st delegate or (£148.50 for 2 delegates)

Includes all refreshments / lunch / full cost reimbursed upon your first boiler order with BGI.



As the UK Biomass Industry continues to suffer from RHI uncertainty, waste and alternative fuels will always continue to make sound financial sense and allow your company to thrive regardless of government subsidies. Our boiler ranges are future proof for fuel re-classification and emissions control and our outbound marketing campaigns are generating daily inbound enquiries for our Partners.

To book places on these forthcoming Partner Training Days, please contact us directly on **01494 757055** or email helen@b-g-i.co.uk

Affordable Heating with the Maxi Bio

Advantages of the Maxi Bio Spin

- ◆ NEW! The tri-duct exchanger: Even more efficiency - Even lower emission of harmful substances to the environment - Even lower fuel consumption
- ◆ NEW! The innovative Fuzzy Logic 2 control: Even more precise burner power modulation with reduced fuel and electricity consumption
- ◆ NEW! A wide-range lambda probe: Perfect batching of air necessary for automatic combustion of fuel
- ◆ The self-cleaning burner
- ◆ The negative pressure sensor – safety first – automatically protects against continued operation of the unit when the chimney features low draught or is clogged
- ◆ Low consumption of electricity
- ◆ Control of operation of the whole heating system
- ◆ Made of the highest quality steel - the best durability
- ◆ Automatic fire up and extinction operations



Maxi Bio Range

- 50 kW
- 100 kW
- 200 kW
- 270 kW

MINIMUM PELLET USAGE
MAXIMUM POWER OUTPUT
AT AN AFFORDABLE PRICE

Case study - Maxi Bio 540 kW Heating System

Since commissioning, over a 3 week period, this boiler has so far produced 7,200 kW with no cleaning required. Based on pellets having a calorific value of 4,800 kW per tonne, and the fuel used so far, the boiler has run at 95% efficiency.

Total kW/yr:	187,200
Boiler size: (kW 2 x 270kW Maxi Bio's)	540
Biomass Fuel req.	44.2 t

The Maxi Bio Range runs from 50 kW -270 kW. Efficient affordable boiler solutions for every budget. With low maintenance and running costs, these boilers are the perfect choice for low installation and running costs.

For more information, contact BGI directly on [01494 757055](tel:01494757055) or email info@b-g-i.co.uk



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