

Useful information Sheet

You will find below some more details about our services and answers to some common questions which you may find helpful. More details will be added as more enquiries come in so please check back regularly for updates.

What blower size is right for me?

Small Scale (25kW, 40kW)	Medium Scale (60kW, 80kW)	Large Scale (80kW Plus, 130kW)
Space Heating		
100 M ³	100 - 200 M ³	200 - 300 M ³
Workshop Polytunnel Marque	Workshop Polytunnel Marque	Workshops Polytunnels Marque Warehouse
Process Drying		
800 M ³ /Hr	1200 M ³ /Hr	2400 M ³ /Hr
20ft insulated container	20ft un-insulated container 40ft insulated container	2 X 40ft un-insulated containers 2 X 40ft insulated containers plus space heating.

Pricing

Small	Medium	Large
25kW - £8,150	60kW - £10,240	80kW Plus - £13,080
40kW - £9,070	80kW - £12,510	130kW - £15,360

All prices are for illustrative and budgeting purposes only and are exclusive of VAT @ 20%
*Delivery charges will increase if stock is needed to be shipped in from the EU Manufacturer.
Boiler prices © Eco Angus Ltd

What do you are get for your money...

- Orligno 600 Hot Air Blower
- Labour
- Delivery charges for UK stock provider.*
- Travel up to 50 miles from CA8 9BE
- Supply and installation of twin wall stainless steel flue system to 3m in height
- Supply and installation of 3m of galvanized ducting

Note: For installation prices in locations over 50 miles from CA8 9BE, add £1.00 per mile.

*Delivery charges will increase if stock is needed to be shipped in from the EU Manufacturer.

Delivery Timescales

UK stock direct = Next working day
EU stock direct = Up to 6 weeks
Bulk stock Deliveries = Up to 15 weeks

Specifications

Loading Chamber Capacity

25kW = 0.120
40kW = 0.185
60kW = 0.310
80kW = 0.465
130kW = 0.605

All Orligno 600's have an ideal log length of 480mm except the 60kW which is 365mm

Power Consumption

25kW & 40kW	=	750W
60kW & 80kW	=	800W
80kW plus	=	1500W
130kW	=	1550W

Note: 25kW and 40kW have blower speed modulation which reduces the power consumption as the speed reduces.

Understanding the stages of the gasification process.

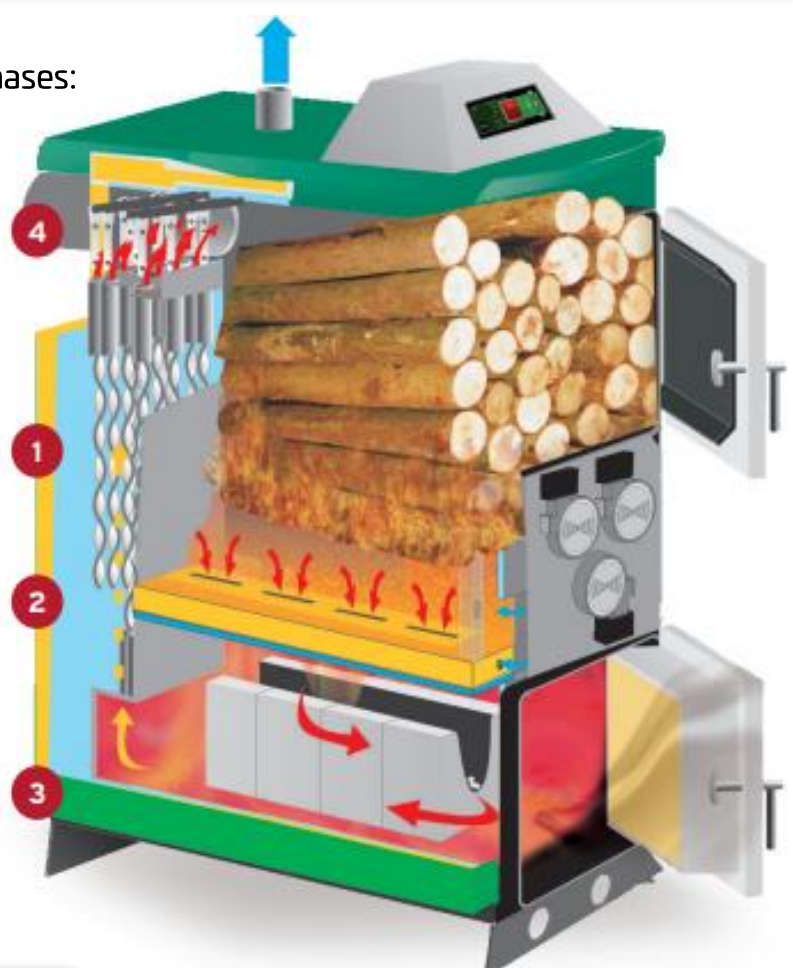
The wood gasification process in these boilers can be divided into four main phases:

4 Flue gases at 160°C are emitted from the flue system

1 Drying and de-gassing wood at a temperature of 450°C

2 Combustion of the mixture of wood gas and secondary air at a temperature of 560°C

3 Combustion of the wood gases at a temperature of 1200°C



Orligno 600 Features

- ✓ Hot air range temperature: 50-120°C
- ✓ Blower hysteresis 0-9°C
- ✓ Modulation for front fan
- ✓ Front fan power range 30-100%
- ✓ Hot air power activation range 40-120°C
- ✓ Extinguish time 0-45 minutes
- ✓ Blow through operation 0-90 seconds
- ✓ Blow through interval 1-60 minutes
- ✓ Hold up of front fan 30 seconds – 9 minutes
- ✓ Languages: Polish, English and German
- ✓ Room thermostat cooperation
- ✓ Emergency blower activation 125°C

Ember Air Services

- We are able to provide the following services;
- Installation and Commissioning of Hot Air Blowers
 - Annual Servicing,
 - Repairs & Maintenance
 - Wet Biomass Systems
 - Fault Finding
 - HVAC ducting systems
 - System Conversions

25 years combined knowledge within the biomass sector.



If we have sparked your interest and you would like to come see the blower in action, please contact us for a blower demo.

Alternatively if you have some questions and would like a little more information please get in touch.