



Biomass Boiler Specialists



**Range from 150 kW to 1000 kW
Boilers meet RHI emission standards
Listed on the RHI ECLIST**

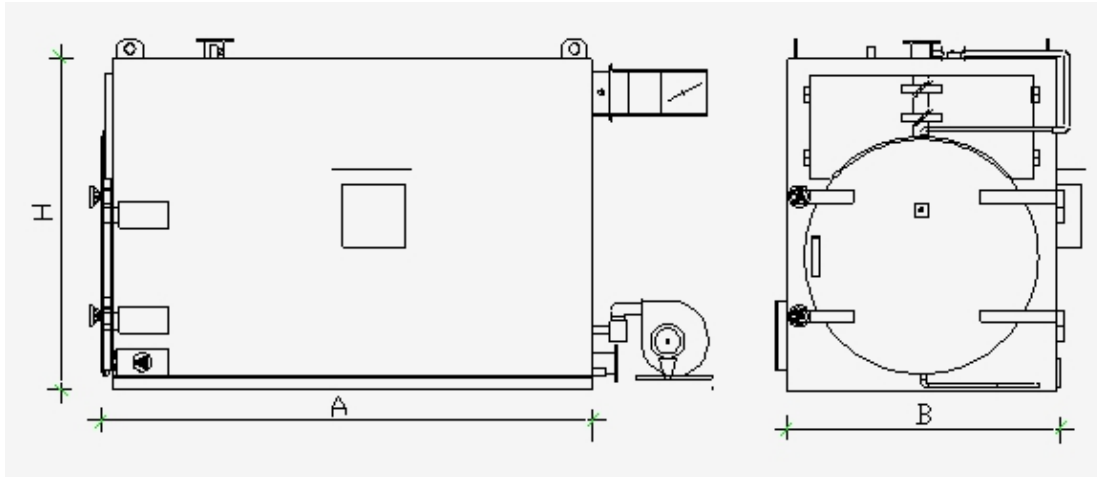
**For further information call Rob Jones at ARG Biomass
on 07855 494467 or email rob@argbiomass.co.uk**

Our Biomass Boiler Guide

	KNS199	KNS500	KNS750	KNS980
POWER OUTPUT*	199 kW	500 kW	750 kW	980 kW
SURFACE AREA OF INSULATED BUILDING 60W/H/M3**	1200M2	2800M2	4200M2	5500M2
SURFACE AREA OF WELL INSULATED BUILDING 40W/H/M3**	1800M2	4200M2	6300M2	8300M2
AVERAGE FUEL USAGE ***	60 kg/h	165 Kg/h	225 Kg/h	340 Kg/h
WATER CAPACITY	3.5 M3	7.8 M3	8.5 M3	9.3 M3
AVERAGE BURNING TIME***	3 Hrs	2.5 Hrs	2.5 Hrs	4 Hrs
BALE SIZE	150X120 cm	150x120cm x2 120x120x240cm x1	150x120 x2 120x120x240cm x1 90x120x240cm x2	90x120x240cm x4
WORKING PRESSURE	0.2 Mpa	0.2 Mpa	0.2 Mpa	0.2 Mpa
REQUIRED CHIMNEY DRAFT	50 Pa	55 Pa	65 Pa	75 Pa
CHIMNEY HEIGHT****	12 m	16 m	17 m	18 m
CHIMNEY SIZE*****	350 mm	500 mm	600 mm	700 mm
EFFICIENCY	75/80 %	75/80 %	75/80 %	75/80 %
MINIMUM RETURN TEMP	50 C	50 C	50 C	50 C
MAXIMUM FLOW TEMP	90 C	90 C	90 C	90 C
MINIMUM ACCUMULATOR SIZE 60 l/1 kW	12 M3	30 M3	45M3	58M3

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Weight	5200kg	10000kg	1100kg	13000kg
Body height - H	2580 mm	2590mm	3100mm	3200mm
Body width - B	2000mm	2100mm	2100mm	2640mm
Body length - A	2460mm	3800mm	3800mm	3800mm

*POWER OUTPUT HAS BEEN RATED FOR STRAW OF A CALORIFIC VALUE 15 mJ/Kg AND MOISTURE CONTENT OF 12%.

**BUILDING HEIGHT UP TO 3 METRES.

***FUEL USAGE AND BURNING TIME DEPENDS ON POWER DEMAND AND BUILDING INSULATION.

****IF THE BOILER HAS TO BE USED WITH A DIFFERENT CHIMNEY THAN STATED A DRAFT FAN WILL BE REQUIRED.

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