

A switch to a sustainable Biomass heating technology

Biomass solution: 1MW Woodco Argus Flex
Justsen Boiler
Installer: WIN Partner CPSL
Installation: March 2017

G&S Nicklin of Marsh Hollow Farm

Greg Nicklin is the owner of Marsh Hollow Farm in Ashbourne, Derby, and stocks pedigree Landrace pigs. The pigs arrive at Marsh Hollow Farm at 3 weeks old, where they are reared and sent as sows for servicing at 24-27 weeks. Greg decided in 2017 to source a cost-effective method of heating the 4 brand-new sheds, where the piglets are housed. After careful consideration and extensive research



Woodco's 1MW Argus Flex
Justsen Biomass Boiler



Wood is shredded on-site for fuel.

into other heating systems and suppliers, Greg decided to install a 1MW boiler from Woodco's Justsen range after having carefully considered other biomass boiler systems and suppliers.

The boiler system was assembled in one day – the steel base, grate and stoker, and heat exchanger came in three separate parts and

were assembled on site. The heat distribution system in the buildings took 2 to 3 months. Justsen supplied a technical advisor for 3 days to commission the entire system and do client handover.

Wood is delivered from a local supplier and Marsh Hollow chips its own fuel. The boiler consumes around 6 tonnes of wood chip per day. The wood chip is fed to the boiler via a walking floor system (2 Hydraulic Rams and 8m scrapers). A 7m incline auger transports the fuel from the walking floor to the stoker.

The Biomass Boiler system is in a purpose built plant room. WIN (Woodco Installer Network) Partner CPSL installed the boiler in March 2017.

About Woodco Energy

We are the Biomass Boiler People. We manufacture, supply and support a wide range of Biomass Boiler systems including both commercial and domestic boiler systems and WID compliant waste to heat boiler systems. With a manufacturing facility based in Co. Tipperary and offices in Ireland and the UK, Woodco Renewable Energy has supplied boiler systems across Ireland, the UK, Europe, the United States and Canada.



Wood chip fuel delivery



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