

60% reduction in heating costs - gaining competitive advantage

Background

David Fryday, owner of Clunedarby Mushrooms, operates an 11-tunnel mushroom farm with high heating requirements. Prior to installing the Woodco EcoCabin, David's annual oil bills were costing him up to €60,000. His heating needs include: 11 mushroom tunnels, 5 mobile homes for staff accommodation and a canteen for 13 people. The business priority is to keep consistent heat in the tunnels, "The heat requirement for mushrooms is constantly 19-20°C, 24 x 7." said David, "Failure of the heating system would be a disaster. It could cost us thousands for just one day. **Reliability is vital.**"

A Biomass Solution

Following intensive research, in 2012 David decided to install a Woodco boiler. "Oil was so costly at the time and I got a 45% grant from CMP (Commercial Mushroom Producers). We looked into electrical heating systems but wood pellets turned out to be more cost effective."

David and Woodco agreed that the best solution would be to install a 125kW EcoCabin. The EcoCabin is a pre-packaged plant room, incorporating a 125kW E-COMPACT Pellet Boiler, 3,000L of Buffer Storage, Plate Heat Exchanger and Pumps.

Streamlined Installation

“It all came in a lorry, all I had to do was have a concrete base ready, and they gave me the specs for that. **Within 2 days the Woodco system was up and running** on my farm. 95% of the work was done in Woodco’s own yard. There was no disruption to the heat supply on the farm.”

Ease of Use

David knows how to switch the boiler on and off and he says that it’s all he needs to know. “It’s doing what we wanted and its doing it well. Also, the waste is very low, that’s important to us.”

The Woodco boiler has never given Mr. Fryday any trouble, “**It’s been 100% from Day 1**, I don’t even have to think about it. I could go 4 or 5 days without checking on the boiler.”

Dramatic Energy Savings

How does David measure his level of satisfaction with the boiler? “Paying the cheques every month, **there’s nothing more cost effective to run**. The payback time for the boiler was within 2 years.”

David now saves approximately 60% on his original heating bills - €37,000 per year.

“We buy 22 tonnes of pellets from Northern Ireland, they’re delivered every 7 to 10 weeks depending on the weather?” David currently buys pellets at €190 (£152) per tonne.

The cost-cutting on heating is recognised as giving Clunedarby Mushrooms a competitive advantage in their industry.



About Woodco Energy:

We are “The Biomass Boiler People!” We design, manufacture and support a wide range of biomass boilers on the market, including commercial, condensing, MicroCHP and Waste to Energy Biomass boilers.

- Over 100MW of biomass boiler power manufactured and supplied
- Over 3,000 boilers installed worldwide
- CO2 savings to date are equivalent to taking 6,400 cars off the road

www.woodco-energy.com

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