

# Biomass wood pellet boiler

## ETA PEK 90 kW

### Microjet Precision Services Nottingham



## Installation project

When Hucknall Sheet Metal, a very well established supplier to the aerospace industry, developed a new venture Microjet, they turned to Border Eco Systems to design, supply, install then maintain a wood pellet boiler. An Eco cabin was their preference, housing the boiler room and fuel store together, all connected into a new purpose built high-tech factory.

The insulated cabin was fabricated and fitted out at our Jedburgh base; transported to Nottingham and craned into position.

Next, we simply linked it to the heating system also newly installed by Border Eco Systems, a combination of warm air units on the factory floor, radiators in the offices and welfare areas.

A heat meter records their biomass energy use.

- ▶ **Boiler type** ETA PEK 90 kW and automatic fuel transfer system
- ▶ **Hopper** custom built, integral to cabin, x12 tonnes capacity
- ▶ **Flue system** twin wall stainless steel chimney system with cleaning access hatches
- ▶ **Estimated fuel use** 60 tonnes per annum
- ▶ **Service requirements** empty ash once a month and annual boiler service

## Client testimonial

Border Eco Systems has played a major part in helping Hucknall Sheet Metal's Microjet precision machine shop be an environmentally friendly facility.

The ETA PEK 90 provides and maintains the optimal running temperature our machines and measuring equipment requires to perform to their full capabilities.

Making the biomass a huge asset to our company.