

Case Study

Makita (Milton Keynes)

Project type: *New boiler installation, new build commercial warehouse*

Boiler details: *Ashwell GreenTec 75kW
Water boiler producing hot air localized over each packing area.*

Fuel type: *Wood Pellet*



Site background: *This was a new build commercial warehouse storing Makita power tools. A system was required to provide localised heat over packing areas. Biomass was chosen over fossil fuel, to meet planning requirements and to support the company's Green credentials.*

Solution: *A 75kW wood pellet water boiler was designed and installed which was able to produce hot air localized over specific packing areas. The features included a bespoke fuel store within a standalone boilerhouse, automatic fuel ignition and full modulating controls.*

Wood pellet was the chosen fuel to provide a consistent, controllable fuel source - achievable due to its uniform nature. Its high calorific value meant lower storage space was required.

Benefits to customer: *CO₂ emissions lower than with fossil fuel and planning requirements met. Low output boiler providing localised heating over a larger area to provide a cost effective heating system.*

Highlights:

- *Installed over 4 years ago and running reliably,*
- *Ashwell have an ongoing service and maintenance contract, offering priority response call out time.*
- *Satisfied client, on time, to budget delivery.*
- *Wood pellet to provide a consistent, controlled fuel source*
- *Provided green credentials to meet the customer's Corporate and Social Responsibility.*
- *A single low output boiler providing heat over a relatively large area.*