

Case Study

Project Title: SC Cabinets
 Location: Bolton

General Description:

SC Cabinets manufacture quality bedroom furniture. They have a factory space of approximately 4,500m³ which they heated with gas. The production waste amounted to several tonnes of wood per week which was removed in skips and taken to landfill.

We installed a 150kW warm air heater that could receive their bagged waste material along with a Scanhugger 2-7-10 shredder that dealt with off-cut. This was fed from the fuel storage bunker into the automatically controlled burning plant. Warm air was distributed inside the factory using 500mm duct with outlet grilles. The unit burns all of their production waste and heats the facility.

Photographs



Boiler/Heater type:	MES 150	Max thermal output:	150kW _{th}
Fuel specification:	Waste wood 15-20mm chip	Maximum Moisture:	25%
Fuel store volume:	9m ³	Date of commission:	Dec 2008

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S C Cabinets – General layout drawing

