

Case Study

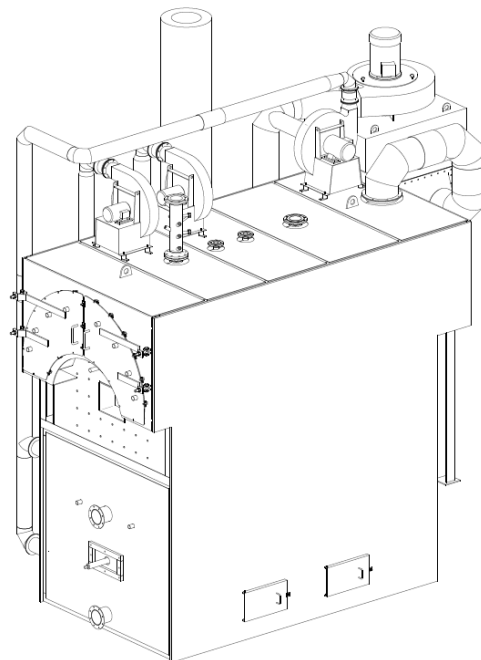
Project Title: British Thornton
 Location: Keighley

General Description:

British Thornton ESF Ltd is the UK's largest independent school furniture manufacturer. With a unique knowledge of the market gained from 135 years of experience. They have a 4.7 acre site with a manufacturing space of approximately 110,000ft². The production waste had previously been used to provide heating to the main mill area only.

We installed a 1.2MW Weiss-Kessel boiler that could provide heating for the main mill, assembly shop and warehouse. The boiler provides medium temperature hot water that is used to warm air in a series of dissipator/heat exchangers; this is then distributed inside the production areas.

Photographs



Boiler/Heater type:	Weiss TU1200	Max thermal output:	1.2MW _{th}
Fuel specification:	Waste wood 15-20mm chip	Maximum Moisture:	25%
Fuel store volume:	50m ³	Date of commission:	March 2009

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British Thornton – General layout drawing

