



Biomass Silo Systems

CASE STUDY:
Meden School,
Nottinghamshire, UK



Meden School is a large secondary school with approximately 860 pupils. They decided to replace their old coal boilers and replace them with two wood chip boilers using locally sourced wood chip to provide all of the heating needs for the school and nearby sports centre.

For this project, Biomass Silo Systems were contracted to supply and install an 80m³ wood chip silo powder coated to match the colour of the school and boiler cabin and a loading auger for taking tipped deliveries of wood chip and transferring into the silo.



A rotary arm extractor supplied by the boiler company was fitted at the base of the silo with two screw conveyors taking the fuel from there to the boilers.

Successful implementation of this project has resulted in savings of close to 1,000 tonnes of carbon per year providing a positive impact on the local environment.



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