

Case Study - Material Handling

Since 1966 CWE has been making products for the material handling industry. Using its experience in scraper conveyors for coal, aggregate and ash CWE is able to design and build products for this ever changing market. In 2014 CWE patented a mass flow measuring technique which is able to measure the mass flow of product on a scraper conveyor.

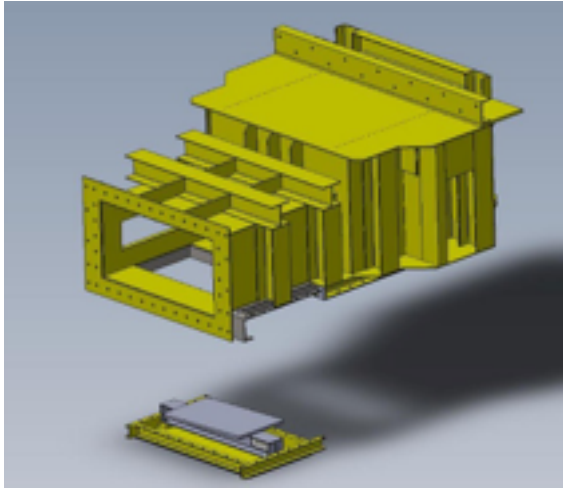
This invention linked to web enabled software enables a user to monitor the mass of product be it fuel as in coal or waste as in ash from a renewable source. The measurement of mass then enables calculations to be made of the carbon either used or emitted by the process, vital in measuring carbon emissions. In addition this technology enables a user, or CWE as a maintenance provider, to monitor the performance of key equipment off line and provide planned and breakdown assistance as required rather than being forever on standby.

Below are some examples of recent projects. The mass flow equipment can be retrofitted.



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The mass flow measurement can be retrofitted into a current installation or installed in a new conveyor.



Once installed the mass flow from a number of feeders can be read independently or together from a remote desktop or mobile device.



For innovative material handling solutions for new and existing plant including predictive maintenance get in touch with CWE Ltd to discuss your requirements.