

Weima launches compact dust filter for briquetting presses

The launch of the **ELSTER** silo filter provides an economical and space-saving dust extraction solution for briquetting presses.

Developed by Weima UK and sister company Ferrell Engineering Ltd, the pollution control engineers, the **ELSTER** range of silo filters has been designed specifically for use with the 'C' & 'TH' ranges of briquetters.

ELSTER eliminates the requirement for a separate filter unit and delivers real benefits:

- Automatic material loading (no manual loading from sacks/bins)
- No costly alterations to existing local exhaust ventilation systems
- Frees up valuable floor space

Using cartridge filter technology and an automatic pulse jet cleaning system, the **ELSTER** provides constant filtration without the need to shut the plant down for a cleaning cycle.

Although it has only been a couple of weeks since its official launch the **ELSTER** is proving a success, with orders already placed.

For more than 30 years Weima has consistently been ahead of the curve with innovative products and solutions to client's waste reductions problems. The company's mantra - 'Always Improve' - translates into constant research and development of new technologies and products.

There is no doubting the success of the Weima briquetting presses, which convert waste into an asset. Sawdust and chips that previously took up space, was expensive to dispose of and had some serious safety issues, is easily compacted into high calorific solid fuel briquettes. These can be safely stored, used as fuel for woodwaste heating systems, or bagged up - Weima offers automatic bagging carousels for this purpose - and sold to industrial, commercial and domestic markets as an extra source of revenue.



Weima UK appoints national sales manager

Colin Irons has been appointed national sales manager for Weima UK. His role is to manage future expansion of the company which, following significant growth year on year, is now one of the premier global sales and service agents for Weima GmbH, Germany.

Colin has worked in the waste industry for 18 years and has been closely involved with a large number of major turnkey projects, including plastics & waste processing, document destruction and clinical waste disposal.

"I am committed to the growth of the Weima product range in the UK", said Colin, "and I am convinced that in this difficult economic climate the only way to prevail is to endeavour to exceed customers' expectations and offer the best products and the best value".



Weima shredder helps Wyllie Recycling expand into new markets

Wyllie Recycling historically cleared Jute / Hessian bobbins and returned them to a large number of different manufacturers in Scotland. These companies now make the Polypropylene backing for products such as carpet and Astroturf.

In the past Wyllie had to be content with selling on a low-grade material at the offered price, but in 2008 the company installed and commissioned Weima's robust WLK15 90kW. This single-shaft shredder is fitted with turbo hydraulics for maximum throughput, and a four-sided segmented floor to avoid material creeping under the ram.

The new shredder was installed as part of a system that includes a discharge conveyor and overhead magnet. The pre-shredded PP, LLDPE and HDPE is then granulated, and the finished fraction significantly increases the selling price of the material - with the added bonus of a reduced carbon footprint.

Wyllie Recycling also processes other plastic products including wheelie bins, HDPE drums and MDPE gas and water pipes.

Managing director Jim Wyllie is delighted with the performance of the new Weima equipment: "It really does do exactly what it said on the tin".



Timber Neutral keeps warm and saves costs with Fercell heater

Importer and hardwood joinery specialist Timber Neutral Ltd has cut the cost of heating and further enhanced its strong environmental policy with investment in a wood-fired system at its site in Sileby, Leicestershire.

The Fercell GX heater is fuelled by offcuts from the manufacture of flooring and bespoke products - including staircases, doors, windows and panelling - which Timber Neutral supplies to architects, developers and self-builders. The company has a chain of custody policy in place to ensure that all timber originates from sustainable sources - and in addition supports various planting organisations in the UK and overseas.

"We are committed to making our business truly 'Timber Neutral' by planting one hardwood tree for every 10m² of hardwood that we sell", said director Matthew Roberts.

"Installing the wood-fired boiler fits within that company profile, and moreover it will pay for itself quickly by saving the high cost of electricity that was previously used to heat the factory as well as protecting us against future increases in energy costs".

Fercell Engineering Ltd is seeing strong demand for its GX range of heaters - and while the spate of cold weather has no doubt helped, the key reason is financial.

"Companies are cautious about all expenditure in the current economic climate, but they are prepared to invest when they can see a definite return", said Mark Fletcher, managing director of Fercell. "Wood-fired systems make sense by providing heat from what was previously waste - saving not only the cost of energy but also the cost and hassle of waste disposal, which results in short payback times for the investment".

The GX range comprises several models with various heat outputs - Fercell has installed the largest at its own factory in Aylesford, where customers can visit to see the system in action. The GX25 installed at Timber Neutral has a rating of 34kW. The heaters can be installed standalone, with warm air vented through a top-mounted louvred plenum, or as part of a ducted system with heat distributed to a wider area, as is the case at Timber Neutral.

"Fercell was chosen because Mark Fletcher was the most competent of the sales people we saw - he knew what he was talking about and gave us time, and he delivered on everything he promised", said Matthew Roberts.

"The fitters who installed the heater and the ducting were fantastic, and since then the system has worked very well and kept the whole factory warm throughout the cold weather we've been having".





WL1 Shredder

Petrie Joiners blazes a trail with Weima line

Rapidly increasing demand for briquettes produced with a Weima press has led Petrie Joiners of Angus, Scotland, to complete the line by investing in a shredder from the company.

Managing director Mark Petrie spent a considerable time investigating the market for the best briquetting solution before deciding on the Weima C140 model, which was installed almost a year ago.

"Demand for the briquettes soon outstripped supply, and we decided to buy a Weima WL1 shredder so that we could shred our larger waste and offcuts and use this material as well as sawdust and shavings", said Mark. "As a result we have been able to increase our production of briquettes, both for sale to the public and for burning in our own heating system to save on fuel costs".

Weima's C140 has a high-performance pressing mechanism with low-wear chromium nose pliers. Mounted on a sturdy base with thick rubber anti-vibration feet, this 'entry range unit' turns shredded waste into 40mm diameter briquettes.

An automatic carousel has been developed for bagging the briquettes, which avoids the need to keep changing single bags as they fill. The computerised carousel counts the briquettes into the bags, freeing the operator for other tasks. Bags are heat-sealed when full.

The WL1 single-shaft shredder is designed for wood processing companies with smaller throughput and waste requirements. The rotor-shaft carries four-sided cutters that can be turned three times to present a new, sharp cutting edge as each becomes worn - ensuring excellent cutting performance over a long service life.



C140 Briquetter

18-22 May 2009

LIGNA
HANNOVER · GERMANY
World Fair for the Forestry and Wood Industries

Exhibition news

Weima will be taking its usual large stand at Ligna in Hannover, Germany this year. We look forward to welcoming visitors to Hall 11, stand D60, where a range of shredders and briquetting presses will be demonstrated.

Contact Details:

Weima UK - Tel: 0870 428 2688 Fax: 0870 428 2699 Email: enquiries@weimauk.com Web: www.weimauk.com
Fercell Engineering Ltd - Tel: 0845 130 4014 Fax: 0845 130 4015 Email: info@fercell.com Web: www.fercell.com