

Middleton Engineering plan improvements to Twin Ram baler range

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Glastonbury, 9 September 2015: Middleton Engineering, one of the UK's leading recycling equipment engineers, is introducing new upgrades across its range of UK designed and manufactured horizontal balers, featuring extended remote diagnostics to improve serviceability and long term performance for local authority and independent waste operators across the UK.

Frequently required to operate 24/7 over extended periods, often in the toughest of environments, baler performance is crucial to maintaining an efficient waste processing operation. Correct service and maintenance intervals to minimise faults and downtime are essential. The new remote diagnostics module will enable engineers to monitor key components more accurately and tailor service visits to individual sites based on actual data. Middleton engineers will also receive fault messages via email or SMS in real time and can advise customer's operators with remedial actions, in many cases even before the issue has been identified on site.

"For busy site operators monitoring machinery performance can be a distraction. The improved remote diagnostics module, which is now available on all Middleton Engineering balers, ensures that we can provide an enhanced service to customers tailored to their individual requirements. It will be based on real-time data specific to individual components, wear rates and operating hours," explains Middleton Engineering Director Mark Smith.

The company is also improving the durability of high wear components based on feedback from engineers in the field, to improve serviceability further across its baler range. This is part of a programme of continuous improvement based on in house testing for complete balers and individual key components, together with feedback from engineers and customers. This has already lead to better machine management, specifically to aid daily cleaning and routine maintenance by providing better access to certain areas and improved design.

Middletons have also made improvements to the operator interface with the introduction of the latest user friendly touchscreen HMI (Human Machine Interface), and enhancements to individual baler set ups, including for example better flexibility in number of ties used, improved pressure adjustments and bale size tolerances. These improvements have extended the number of waste streams that can be handled, adding further flexibility. More useful information for the operator can also be provided at the

machine through the HMI such as specific instructions on cleaning and maintenance and improved fault diagnostics.

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NOTES TO EDITORS

Middleton Engineering, www.middletonengineering.co.uk the UK's leading baler and recycling industry engineers, design, manufacture, supply and install a full range of recycling machinery from waste balers, shredders, conveyors and separators, to complete MRF installations. Customers include local authorities, waste management and recycling companies through to major retail distribution centres.