

Designed and built at the modern manufacturing facility in Sweden where the focus is on efficiency, quality, safety and sustainability, Presona balers are reliable, consistent and efficient. They are designed to cope with rugged manufacturing, recycling and waste management environments.

## EXCEPTIONAL BALING

There are balers, and then there are exceptional Presona balers

Those that choose a Presona baler are making an investment in the success of their current and future operations. In doing so they benefit from high material throughput and material flexibility capabilities; little or no downtime extensive engineering or maintenance support and minimal requirement for operator intervention.

Just as important though, is the knowledge that Presona balers regularly out perform their peers in terms of longevity. In fact, there are Presona balers working worldwide that have been doing so for 10, 20 and 30+ years. These are not machines that will need replacing any time soon.

Company success comes down to experience. Presona have been designing, supplying and maintaining balers for more than 70 years in paper mills, recycling facilities and logistics operations worldwide. In addition, they supply pneumatic waste extraction systems for the graphics, paper and packaging industries and conveyor systems and sorting plants for municipal waste facilities.

### LP Series balers

Presona is best known for its LP Series prepress balers. Versatile and with a range of custom-design features, LP Series balers are used by many blue chip organisations including Veolia, DS Smith, Smurfit Kappa, Asda, Tesco, COOP and XPO Logistics. Innovative prepress technology creates consistent, high density bales which cuts transport costs. In addition, the prepress uses significantly less power than conventional balers, improving operational efficiency and reducing environmental impact while creating “the best-looking bales with perfect stackability”.

Fully automatic LP Series adaptive balers can be used to compact many different materials including OCC, RDF, PET, newspapers, magazines, cardboard, print waste, municipal and solid waste.

Models are available to suit low volume processors needing mill size bales up to integrated, high tonnage systems.

Unlike shear balers, the prepress system does not need to cut off excess material. Instead it relies on an initial pre-compression step to achieve the best bales.

This step delivers improved bale consistency.

It also gives a higher volume capacity per cycle. Added benefits include improved reliability, less wear and tear, reduced maintenance costs and minimised wire waste. Energy efficiency is another important advantage. The prepress technology means that all of the baler’s power is used for compaction, making LP Series balers up to 60% more energy efficient than most comparable shear balers.

### Anything but standard

Presona doesn’t produce off the shelf balers. Everyone’s requirements are unique. Which is why Presona work with customers to provide a bespoke system that dovetails with process requirements. For ease of operation, all LP Series balers have a pre-programmable control system and panel display which is where parameters can be set to facilitate quick switches between different materials and carry out operational progress checks. All are CE-marked and meet the EU’s machine directive. Moving parts are protected and fitted with safety switches and if a shutter or door is opened during operation, the baler will stop immediately. The design makes regular maintenance a simple task. Steps and work platforms are fitted on the strapping unit and material distributor while access panels and lubrication points are included at key points.



Presona®

### Doing the business for Tesco

Presona LP Series balers are hard at work at XPO sites across the UK where they’re being put through their paces managing Tesco’s recyclable packaging. When XPO Logistics acquired Norbert Dentressangle in 2015, it didn’t just get a fleet of red lorries. It also took charge of Tesco’s loose equipment fleet and its UK and Ireland estate of 12 recycling service units (RSUs) which manage the supermarket giant’s reverse logistics recycling operation. XPO is responsible for the disposal of Tesco’s packaging waste, mostly OCC and plastics, from more than 2,700 stores in the UK and Ireland. Materials are backhauled by Tesco’s

and suppliers’ store delivery vehicles to the RSUs. Currently, XPO handles around 17,500 returning vehicles each week. That equates to nearly 6,000 tonnes of OCC and 400 tonnes of plastic on a weekly basis. Presona balers are used in many of the RSUs. At the Rainham site, Tesco’s busiest RSU, two LP 100 CH2S prepress balers process all of the recovered material delivered to the facility. In fact, Presona balers have been part of the Tesco RSU set up for more than a decade and they’re used for their high throughput, multi-sensors and reliability. Commenting on the reliability of the LP Series Balers, Darren Boyce from XPO said,

“The balers are used and abused. We push them to the limits. The RSUs operate 364 days a year and around 22 hours a day, which demands twice as much from balers that run, say, eight hours a day.”



### Non-stop at Stena

Stena Recycling in Kristianstad, Sweden has installed a new LP 100 DH4S baler, increasing capacity and reducing downtime.



Stena Recycling’s Kristianstad facility is one of the company’s 165 recycling plants in Sweden, Norway, Denmark, Finland and Poland. It manages a wide variety of materials from municipal and business collections.

When Stena consolidated two facilities in Kristianstad it needed a new, higher capacity baler to cope with increased material throughput. Commenting on the upgrade, facility administrator Christoffer Thuresson said, “The baler is the heart of our facility and it needs to work. All the time. We have seen an increase in the use of light materials, like plastics, and Presona’s prepress

technology gives us good quality, high weight bales.” The new baler is being used to compact 20+ different materials including recycled cardboard, paper and plastics and is readjusted for a new material up to four times a day.

“Presona’s pre-programmable control systems makes readjusting the baler easy and guarantees that we get optimized bales every time,” he said.

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