

Case Study

» NEW MATERIALS / » PACKAGING / » PRINT PRODUCTS / » RESOURCE EFFICIENCY

Product development Balemat: incoming quality control of baled papers for recycling

HAARLA



Aims and benefits

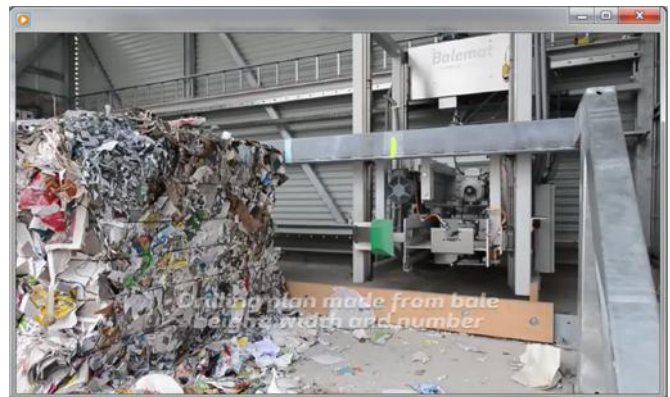
- Developing an automated quality control station for baled papers for recycling
- Objective, fast and efficient quality assessment of incoming bales
- Reducing the manpower demand for quality control

Project partners

- **PTS:** NIR measuring technology and proven evaluation algorithms developed by PTS are used to determine important quality parameters. PTS has many years of experience and extensive know-how in this area.
- **Haarla Oy:** Highly proficient machine builders from the Finnish company have created a robust, clever solution for the handling and drilling of bales.

Pilot application

- The first system was installed in the cartonboard mill of MM-Karton in Gernsbach in autumn 2013. Only a few weeks later, the mill had a track record of more than 1200 successful measurements and quality evaluations.



At the pilot trial (from left): Hans-Joachim Stahl (MM Karton), Arvid Killenberg (PTS), Dr. Patrick Plew (PTS), Jarko Haarla (Haarla Oy)

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“Together with our suppliers and partners from other mills, we are using the data collected by the Balemat to improve the quality of our raw material supply.”

Hans-Joachim Stahl, Managing Director of Mayr-Melnhof Gernsbach GmbH