

UNTHA

shredding technology

The reliable brand!

CUSTOMER
VPK packaging group

MATERIAL
Pulper Ropes

THROUGHPUT
6 t/h < 50 mm

SHREDDER
XR3000C



 **vpk** | packaging group

UNTHA shredding technology
Kellau 141, A-5431 Kuchl / Salzburg, Austria
Tel +43 6244 7016 0, info@untha.com, www.untha.com

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The Belgian paper manufacturer VPK Packaging Group produces several tonnes of waste material every day in the form of pulper ropes, which in the past were collected by a local waste management company. In future, the pulper ropes generated will be internally processed and separated. To achieve this, the packaging specialist has turned to the XR3000C – a machine that has already proved itself many times as a single-pass solution for processing pulper ropes.

The project required a slow-speed, single-pass processing solution with a throughput capacity of 6 t/h and an output particle size of less than 50 mm, a conveyor system for the material output, and an over-band magnet for metal separation.

During the shredding process, the cutting unit is able to break down the material very effectively. The end products are a homogeneous alternative fuel and scrap metal with very little impurities attached to it. The substitute fuel is burned in the plant which creates energy for the papermaking process. The resulting metal content is then sold to scrap merchants.

Compared with a multi-pass processing facility, the single-pass system has significantly fewer components to maintain, resulting in lower labour and operational costs.

Besides having the efficient UNTHA Eco Drive system, the XR Class also excels in terms of its ease of service and maintenance.

When it comes to the single-pass solution for processing difficult materials, UNTHA is your best bet. The many systems that the shredding specialist has implemented in this field are a testament to the company's expertise.

"We were looking for an on-site solution for the treatment of our pulper residues, a difficult to handle mixture of waste plastics and metal wires. After an extensive comparison of different potential machines we chose for the UNTHA XR3000C. Important criteria were the capacity, low speed, high torque and an acceptable maintenance cost.

The project, apart from the shredder, consisted also of peripheral equipment such as conveyors and metal/plastics separation. It was engineered and delivered in an efficient and correct way with a very satisfying result."

Johan Dhaese (Group Energy & Environment)

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