

Media Release

Voith Paper

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Green Bay Packaging significantly increases production efficiency of its PM 4 with Voith's OnQuality QCS system

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- Green Bay Packaging achieves significant production improvements with the Voith OnQuality Quality Control System (QCS)
- Customizable OnQuality QCS enables precise grade quality monitoring and optimization, resulting in significant cost savings
- Installation resulted in reduced curl, optimized product quality, higher line availability and increased operating efficiency

GREEN BAY/HEIDENHEIM. Green Bay Packaging, a manufacturer of corrugated shipping containers, folding cartons and coated label products based in Green Bay, Wisconsin, has achieved significant improvements on its production line with the implementation of Voith's OnQuality Quality Control System (QCS).

William Cone, Vice President and General Manager of Green Bay Packaging Inc. expressed his excitement: "Along with our newly built PM 4, the installation of Voith's QCS was a game changer for Green Bay Packaging. The OnQuality.Scanner has proven to be a critical component in our paper production, allowing us to accurately monitor and maintain product quality throughout production. The system has been extremely reliable from day one and has brought us significant improvements, including increased operating efficiency and cost savings. We have noticed less curl, improved machine runnability and smoother grade changes. Green Bay Packaging is very pleased with Voith's equipment and service, which has exceeded our expectations and contributed to our continued success in the paper industry."

The OnQuality QCS, consisting of innovative OnQuality.Scanners, OnQuality.Actuators and OnQuality.Controls (MD and CD), proved to be a tailor-made solution for the company. The robust design of the

OnQuality.Scanner, developed specifically for the demanding environment of the paper industry, has already been proven in over 800 installations worldwide. The installation of the compact OnQuality.Sensors, which are only 7.5 cm (2.95 inches) wide, also allows flexible installation via plug & play in tight mounting positions.

Precise measurements with the OnQuality.Scanners and OnQuality.Sensors enabled Green Bay Packaging to achieve accurate results even in a demanding production environment. The scanner's high traverse speed and reliable signal processing via the CAN bus provide high-resolution profiles that enable precise control of paper quality in machine direction and cross-profile.

The high reliability and long-term, low operating costs help to future-proof Green Bay Packaging's production processes. Voith's team of experts was on site four days a week to assist Green Bay and ensure a smooth implementation process. After the implementation phase, Voith continues to provide support through the OnPerformance.Lab and remote expert assistance to improve processes based on the QCS data. Since the installation of OnQuality QCS and the start-up of PM 4, the system has shown outstanding reliability and, in summary, led to the following results:

- Curl reduction
- Optimal product quality
- Higher plant availability
- Higher operating efficiency
- Higher productivity
- Lower operating and maintenance costs

For more information, please visit: <https://voith.com/corp-en/products-services/automation-digital-solutions/onquality.html>.

About Green Bay Packaging Inc.

Started in 1933, Green Bay Packaging Inc. is a family owned, vertically integrated company consisting of corrugated container plants, a folding carton facility, recycled and virgin containerboard mills, pressure-sensitive label roll stock plants, timberlands, a paper slitting operation, and a sawmill facility. Headquartered in Green Bay, Wis., Green Bay Packaging Inc. employs over 4,600 team members and operates 41 facilities in 16 states, each with a dedication to innovative development of its products and forestry resources, with a focus on safety, sustainability, quality, and

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continuous improvement. For more information about Green Bay Packaging Inc., visit gbp.com.

About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, paper, raw materials and transport & automotive. Founded in 1867, Voith today has around 21,000 employees and earns 4.9 billion euros in sales. It has locations in more than 60 countries and is one of Europe's major family-owned companies.

The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies, services and products on the market, and offers paper manufacturers integrated solutions from one source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize their carbon footprint. With its comprehensive automation products and leading digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve plant availability and efficiency for all sections of the production process.



Green Bay Packaging achieves significant production improvements with Voith's OnQuality Quality Control System (QCS) integrated into the new PM 4.

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