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SUCCESS STORY: KLINGELE

Klingele relies on openpack and the Digital Factory

Klingele continues to make progress in terms of digitalization: The modern and innovative company is using the new Digital Factory from the openpack platform to digitally map its corrugated board plant in Hilpoltstein.



KLINGELE
PAPER & PACKAGING GROUP

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Digital representation of the value chain is an important component of Klingele Group's digitization strategy. This gives the company more insight and transparency into the production process in the long term.

The openpack Digital Factory also helps them to identify possible sources of error and potential for optimization more quickly.

Innovative family business

The Klingele Paper & Packaging Group is an international supplier of paper, corrugated cardboard packaging solutions and adhesives. Klingele Papierwerke GmbH & Co. KG is part of it. Founded in 1920 the company is managed by Dr. Jan Klingele in the third generation of the Klingele family and generated a turnover of 800 million euros in 2020.

The family-owned company is proud of its traditional culture going back more than 100 years, its qualified employees and its pioneering role in the corrugated board industry in terms of expansion of digitalization.

Klingele considers new technologies, equipment and processes as an investment in securing its competitiveness.

The new openpack Digital Factory

In the summer of 2020 Klingele heard about openpack and its digital offerings and was immediately enthusiastic about them. The company recognized the enormous potential and decided to work with it as one of the pilot customers. The vision and concept were convincing. Plant Manager Bernhard Harrer says: "We liked the

Company

Klingele Papierwerke GmbH & Co. KG

Number of employees

approx. 3,000, including 215 at the Klingele corrugated cardboard plant in Hilpoltstein, Germany

Locations

27 locations in 12 countries

Homepage

www.klingele.com

Mission

Increase productivity through digitization of process and machine data



first products, the partnership and the trusting cooperation on a par as well as the opportunity to contribute our ideas and suggestions at any time during the development."

Precise visualization and overview

The newly developed Digital Factory has recently been put into operation at the Hilpoltstein corrugated board plant. The openpack team ensured that the machine data is automatically transferred to the connected platform.

In the platform, they converge at a central hub. Klingele likes the modern design of openpack combined with the convenient user interface: all machine data and documents are easily accessible and clearly displayed.

Higher productivity through more transparency

With the Digital Factory, Klingele employees receive a digital 3D image of the plant from a bird's eye view and a live view of the production. This opens up completely new possibilities for staff in terms of monitoring and controlling.



Using self-defined key figures and current production data, it is possible to analyze and evaluate production processes in a targeted manner. And that creates higher productivity.

Central interface, more productivity

Instead of many individual interfaces in the plant, there is now a central interface from openpack for all manufacturers and the connection of additional solutions. This is because one interface saves costs and ensures less effort. "This has made it possible to break down data silos and increase the transparency of our processes," says the Plant Manager of the Hilpoltstein corrugated board plant, Bernhard Harrer. Oliver Harlas, Electrical Maintenance Manager at Klingele, expects further positive effects: "More transparency will help us to

identify sources of error and potential for improvement more quickly in the future. Ultimately, this will result in increased productivity and flexibility."

The next steps

In addition to the Digital Factory openpack is currently developing a marketplace as the industry's central procurement platform. Klingele has firmly planned to use the openpack marketplace to optimize their purchasing process for all operational requirements (e.g. spare parts, auxiliary and operating materials, C-parts, etc.). The first orders have already been placed, facilitating and accelerating the purchasing process.

For the future, climate protection is a central topic on Klingele's agenda. With additional openpack know-how and technologies, the company's



"With openpack we've met a team that will help us move forward and create the opportunity to increase the profitability of our plant."

Bernhard Harrer

Plant Manager Klingele Wellpappenwerk Hilpoltstein



concept will become even more sustainable, and the company is looking forward to this challenge.

Oliver Harlas is convinced: "If we continue to work together with openpack on the progress already made, we will soon have a platform that will be very helpful for many departments in the company and has the potential to improve many processes."

"We are focused on long-term relationships with customers and partners - and with openpack we've met a team that will help us move forward and create the opportunities to increase the productivity of our plant," says Plant Manager Bernhard Harrer. "For Klingele's digitization strategy, the systems developed by openpack and the associated digital representation of the value chain represent an important cornerstone."

Do you also want to quickly take advantage of the opportunities of digitalization and increase the productivity of your factory?

We look forward to hearing from you via our telephone number: **+49 151 44028884** or by e-mail at **info@openpack.net**



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