Gundlach: Sustainable production with BST object sensor CLS CAM 100

Effective web width compensation

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At its headquarters in Oerlinghausen, the Gundlach Packaging Group produces folding boxes for food products from fibre-based materials using gravure, flexo and offset printing. In order to use machines and resources efficiently, the company already relied on the CLS PRO 600 contrast and line sensor from BST on its slitters, which controls stably and precisely according to web and print edges or printed lines.

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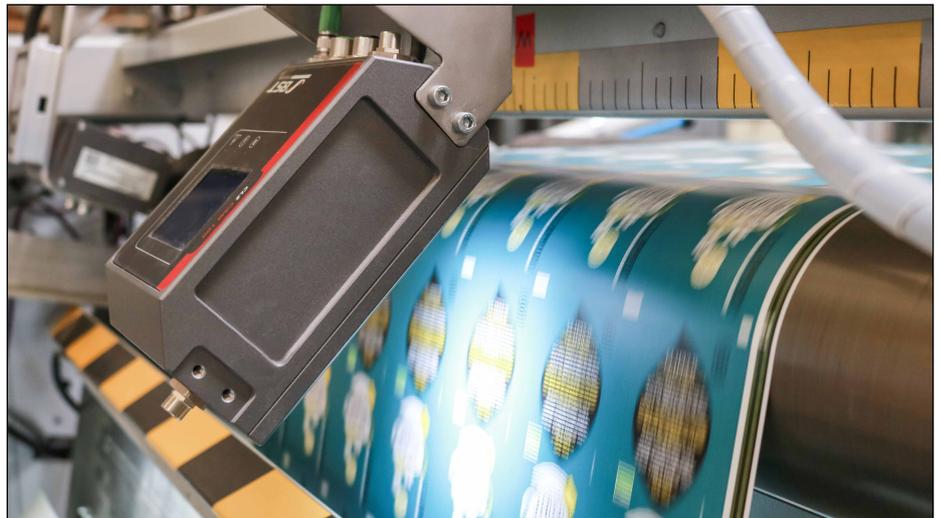
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The BST sensor is used on the slitter and ensures that the material is fed precisely to the cutting process and matches the print image. Axel Baake, Head of Quality and Innovation at Gundlach, explains the decision for the supplementary sensor as follows: „Our company is committed to consistent sustainability. Every investment decision is made with a view to economic success now and in the future. In accordance with this maxim, Gundlach produces resource-saving and recyclable packaging in order to make an active contribution to CO_2 reduction."

The special challenge in the production process of cell-based packaging is the spatial change of the material due to external influences such as temperature or humidity. Against this background, the CLS CAM 100 camera-based sensor from

BST brings a further advantage: since it can control the web directly according to objects or motifs in the centre of the web, the influence of web width fluctuation is minimised. In this way, the BST sensor ensures process reliability and the optimum quality of the end product.

„The CLS CAM 100 enables maximum flexibility, as control according to the web edge or a control line is still possible. However, the main advantage of controlling according to objects is obvious," summarises Ingo Ellerbrock, Head of Product Management at BST. „The control line can be saved without having to compromise on control accuracy." Thus, he says, the CLS CAM 100 is the perfect product for Gundlach's plans because the sensor measurably saves material and thus CO_2. „In line with our corporate values, we want to avoid waste. The reduction of waste by five millimetres at the web edges brings us material savings of up to 1%, depending on the web width," says Baake.

The installation of the sensor was not a challenge for the packaging specialist because it can be put into operation via plug-and-play on the installation side. „The retrofit was carried out routinely and without long machine downtimes - an advantage of all BST systems, which is why we have been using them for decades with the best results. They run stably and are easy to operate," says Baake. Cooperation, support and training run to the advantage of both companies thanks to business relationships based on partnership.

Xerox appoints John Bruno as president and chief operating officer

Xerox Holdings Corporation announced the appointment of John Bruno as president and chief operating officer. Bruno joins the team following Steven Bandrowczak's promotion to chief executive officer earlier this year. In this role, John will work closely with the CEO and leadership team to shape the company's global strategy. He will also be responsible for evolving the operating model to improve business performance. He will also oversee global offerings, service delivery, marketing, manufacturing, supply chain, procurement, information technology and Xerox's IT services business.

„John brings decades of business, technology and operations leadership experience with Fortune 500 companies in a variety of industries that are well-suited to the direction we are taking as Xerox," said Steven Bandrowczak, chief executive officer at Xerox. „John's expertise will help drive our customer-centric operating model and enable us to create an even better customer experience overall."

Bruno joins Xerox after seven years at Aon, where he most recently served as chief operating officer and chief executive officer of Data & Analytic Services. During his 30-year career, John has held senior leadership positions at NCR Corporation, United Parcel Service, Cisco Systems, Merrill Lynch and Goldman Sachs, among others.

„I am honoured to take on this role and work with Steve and this talented leadership team as President and Chief Operating Officer of Xerox," said Bruno. „I look forward to working with all my new Xerox colleagues around the world to ensure we are operationally innovative to delight our customers and deliver the current and future essential workplace technologies they expect from Xerox."

MailStreet automates sheetfed printing with Online Tecnau Cut & Stack

Doing a good job means going the extra mile every time. While many companies have gone through a difficult period during the pandemic, MailStreet print volumes continued to increase due to a heavy focus on e-commerce marketing and custom applications for their client. MailStreet automates printing with two Tecnau Stack 1010 cut & stack solutions to produce on-demand, data-driven finished applications inline to their Canon varioPRINT i300 inkjet sheet-fed presses.

Doing a good job means going the extra mile every time. While many companies have gone through a difficult period during the pandemic, MailStreet print volumes continued to increase due to a heavy focus on e-commerce marketing and custom applications for their clients, such as personalized items like menus in meal boxes. The company motto is to make data personal by conveying custom messages to specific audiences and increasing the value of communication.

In 2020, MailStreet installed their first Tecnau Stack 1010 sheet-fed cut & stack solution inline to a Canon varioPRINT i-300 series press. This made a tremendous difference in delivery times and the company decided to purchased a second system soon after.

The Stack 1010 converts multi-up output sheets into smaller, stacked finished pages without offline guillotine cutters. The system accepts the full range of compatible sheet sizes from the Canon VarioPRINT iX- & i-series digital inkjet presses and it generates 1-up or 2-up offset stacks on an exit conveyor, ready to be dispatched without the need for any further processing.

Lammert van Keulen, Managing Partner at MailStreet, commented: „After years of sheetfed printing & manual handling of printed jobs, we went for a Tecnau Stack 1010 sheet-fed cut & stack solution to automate the complete process inline to one of our Canon varioPRINT i-series presses. By doing so, we reduced labor (considering that the unemployment rate in the Netherlands is very low and there is a scarcity of new workers, this is significant benefit), but even more interesting, we reduced the process lead time. Within 15 minutes after the start of a print job, our staff can start packing the printed materials to be shipped out. In the past, the prints had to go to the finishing department for off-line guillotine cutting, which was a time consuming and manual process with heavy lifting and the chance of creating job integrity errors.

Then he continued, „We were extremely surprised by the Stack 1010 ease of use and ability to change between applications, like for example A3 to A4 and vice versa. Up to the moment we switched to the Tecnau inline cut-sheet solution, it was not completely clear how much time the manual sorting of offline finished applications was taking us. It became immediately clear when the system went in production, after automatically cutting multi-up imposition jobs inline to one of our Canon varioPRINT i-series presses, where sheets were presented in neatly offset- separated stacks on an exit conveyor without any further delay. Also with the system, any possible mistake in manual sheet separation was completely avoided."

„With Tecnau Stack 1010, from 2019 we have produced millions of documents and we keep increasing our business. Over the years, we received great support from the

Tecnau service team, even on Saturdays. However the moments when this was needed can be counted on one hand," added Lammert van Keulen. "We are now looking to expand the Tecnau finishing solution with a perforating module to provide even more applications to our customers," he concluded.

Simply the perfect register – with the calibration tool from Marbach

With the calibration tool, the globally operating diemaker Marbach has a solution in its portfolio with which the individual working stations of a die-cutting machine as well as the upper and lower parts of a die-cutting machine can be perfectly matched to each other.

The die-cutting machine plays a decisive role when it comes to set-up times. The most important thing here is the optimal adjustment of all stations and tool components to each other.

Bernhard Reisser, industry manager at Marbach: "The calibration tool sets a die-cutting machine to zero, in a manner of speaking. With its help, all stations are perfectly calibrated to each other. On the one hand, this enormously increases the process reliability in the overall process and also reduces the set-up times for each individual job. Users benefit from maximum performance in the production of their packaging. And the best thing about it: the calibration can be carried out by the machine operator after expert guidance from Marbach."

The supplied operating instructions intuitively guide the machine operator through the calibration process. Reisser continues, "Job-specific counter plates in marbazero design represent the ideal complementary product to the calibration tool."

Easy Cut Studio adds support for Mimaki cutting plotters

Easy design and cut software for most all vinyl cutters including the Mimaki vinyl cutters. EasyCut Studio, is pleased to announce that its vinyl cutting software has been tested and can be used with Mimaki vinyl cutters including the newly Released CG-AR series and the CG-SRIII series.

EasyCut Studio, a worldwide leading developer of sign-making and specialty graphics solutions, is pleased to announce that its market-acclaimed vinyl cutting software has been fully tested and can be used with Mimaki vinyl cutters including the newly Released CG-AR series and the CG-SRIII series. For users, this provides the assurance that the latest version of Easy Cut Studio software will seamlessly integrate with their Mimaki cutting plotter.

Mimaki is proud to offer a range of vinyl cutter plotters that can meet a wide range of application needs. The CG-AR Series are the entry-model of roll-to-roll and sheet fed cutting plotter with improved cutting performance, compatibility with a wide range of cutting materials, and enhanced usability. The CG-SRIII Series of roll-based cutters are available in three widths. These models feature continuous crop mark detection for precise contour cutting.

Easy Cut Studio provides the ability to cut any shape and font with your Mimaki cutting plotter and support file format including SVG, PDF, EPS, AI, and so on. The software include key features such as Image vectorization, rhinestone and contour cutting workflow, which enhance the performance capabilities of the Mimaki cutting plotters. Easy Cut Studio is currently available for all Mimaki CG-AR series including CG-60AR, CG-100AR, and CG-130AR, As well as all-new Mimaki CG-SR series models including CG-60SRIII, CG-100SRIII and CG-130SRIII.

All Easy Cut Studio users will benefit from the introduction of new OS support, which now includes macOS Monterey, macOS 13 Ventura and Windows 11. Additionally, new cutter models and drivers have been added. In addition to an impressive list of existing devices, users can now use V5.020 to drive Silhouette Cameo 4 Plus, MagicTransfer, JiaChen and Vevor KI series cutters. The new version also comes out with more effects, some other fixes and improvements as well.

"Software has to be fast, reliable, and easy-to-use in today's printing and cutting environment, Easy Cut Studio is an innovative software solution that is constantly evolving to better meet our customers' needs." said Eric Lee, Product Manager at EasyCut Studio. "The tools, technology, intuitive interfaces and workflows for everyday use in Easy Cut Studio are designed for the modern user, and continue our vision in providing superior software solutions to print & cut businesses worldwide."

Some of the new features included in Easy Cut Studio v5.020:
• Adds support for Mimaki CG-AR series cutting plotter.
• Adds support for Mimaki CG-SRIII series cutting plotter.
• Adds support for Silhouette Cameo 4 Plus cutter.
• Adds support for MagicTransfer cutter.
• Adds support for JiaChen cutter.
• Adds support for Vevor KI series cutter.
• Improved image tracing algorithm.
• Several new effects have been added, including Symmetrical Mirror, Bridge Warp, Drop Shadow.
• Added the "mirror H" and "mirror V" options for Graphtec cutter.
• Fully compatible with the newly released macOS Ventura and Windows 11.