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Baldwin showcases innovations for corrugated flexo printers at ConneXion *Solutions enhance productivity through automation, quality improvements and increased safety*



In Baldwin's virtual exhibit, visitors will experience fully automated flexo plate-cleaning systems, an energy-efficient IR (infrared) drying solution and LED-UV curing systems.

ST. LOUIS — May 20, 2021 — Baldwin Technology Company Inc. will showcase its key innovative technologies for optimized corrugated high-graphics package printing at the ConneXion virtual expo, taking place from June 1 to 8. In Baldwin's virtual exhibit, visitors will experience fully automated flexo plate-cleaning systems, an energy-efficient IR (infrared) drying solution and LED-UV curing systems, all of which increase print quality and productivity, with operator safety and sustainability in mind.

The [FlexoCleanerBrush™](#) is Baldwin's flagship solution to enhance print quality and improve worker safety in corrugated printing. It automatically removes dust and contamination from the plate in seconds during production, without stopping the press, and it produces virtually no waste. It also performs full end-of-job plate cleaning and drying in fewer than four minutes, enabling increased uptime and sustainability. Because the FlexoCleanerBrush is fully automatic and spans the entire width of the plate cylinder, it improves safety by eliminating routine operator contact with the machine, and reduces the risk of operator contact with wash agents and cylinder nip injuries.

The [FlexoCleanPick™](#) system is an industry-leading innovation designed to automatically remove hickeys—typically caused by paper fibers, dust and ink contamination, and other causes of printing defects—from the plate during the print run without stopping the press or requiring operator skin contact with wash agents. The system lightly touches the plate with a dry microfiber cloth to remove the hickey-causing particles, enhancing print quality and productivity without any waste.

The [FlexoDry2™](#) is a fully integrated IR drying system, specifically developed for corrugated flexo printing presses, that reduces energy consumption by up to 30 percent over standard IR dryers via the use of patented Diamond IR™ lamps. The system delivers dramatically improved drying results through a unique optical design that produces higher intensity for enhanced color definition, reduces or eliminates marking altogether, allowing for high-speed and full-confidence printing.

A new generation of [LED-UV technology](#)—designed by [AMS Spectral UV](#), a Baldwin Technology company, for wide-format flexo corrugated box printing—represents the latest in solid-state LED curing innovations and offers more than a 50 percent reduction in power consumption, compared to traditional UV systems, in an ultra-compact lamphead that fits at the end of the press or between printing units. Flexo inks, coatings and varnishes specifically formulated to cure when exposed to LED-UV light can provide a high-value decorative solution for brand owners, offering offset-like quality and vibrant color, as well as full-gloss, spot and matte coating effects on a wide range of corrugated stocks, with the added ability to enhance lower-cost papers. In addition, the LED-UV system can increase the throughput of the machine over water-based aqueous coatings that may require slower press speeds to dry conventionally. Baldwin's LED-UV technology is lightweight and designed for the demanding requirements of corrugated printing with instant on/off, minimal heat, zero ozone and zone-width switching to further reduce energy consumption.

Registration for the ConneXion virtual expo is open now at hyperfair.connexion.exchange.

ABOUT BALDWIN TECHNOLOGY COMPANY INC.

Baldwin Technology Company Inc. is a leading global manufacturer and supplier of innovative process-automation equipment, parts, service and consumables for the printing, packaging, textile, plastic film extrusion and corrugated industries. As a total solutions provider, Baldwin offers our customers a broad range of market-leading technologies, with a focus on improving the economic and environmental efficiency of production

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processes. Through a global footprint of 21 company-owned locations and an extensive network of partners, our customers are supported globally, regionally and locally by dedicated sales and service team members who add value by forming long-term relationships. Baldwin is privately owned by BW Forsyth Partners, a Barry-Wehmiller company. For more, visit baldwintech.com.

ABOUT BW FORSYTH PARTNERS

BW Forsyth Partners is the investment arm of multibillion-dollar global manufacturing and engineering consulting firm Barry-Wehmiller. Established in 2009, BW Forsyth Partners blends Barry-Wehmiller's unparalleled legacy of value creation and people-centric culture development with keen investing experience to help companies realize their true potential. With a focus limited to areas known well, BW Forsyth Partners seeks to partner with leadership teams to acquire small- to middle-market companies in the capital and component equipment, and professional services sectors. In each of our operating companies, BW Forsyth Partners deploys operational improvements and strategy development without compromising the autonomy, strategic vision and entrepreneurial spirit of their leadership teams. For more information, visit bwforsyth.com.