

## FOR IMMEDIATE RELEASE

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*Press Release, September 2016 - Baldwin Technology at SuperCorr 2016 in Orlando (Stand 1866):*

## **Baldwin brings new Flexo portfolio of optimized LED UV, IR-drying and automatic Cleaning systems to the US market**

**At SuperCorr in Orlando, October 17<sup>th</sup> - 20<sup>th</sup>, Baldwin will show-case our new portfolio of optimized LED UV Curing, IR-drying and automatic Cleaning systems, specifically designed for the US Flexo industry. As a world leading global supplier of process automation equipment, with 40 years' experience from the business and many thousands of systems installed worldwide, Baldwin brings know-how and ultimate high-end tech solutions to a new level.**

Baldwin's Flexo portfolio consists of four systems, that can be installed individually or as a complete system. During spring 2016, one of our customers in Northern Ireland, **Diamond Corrugated**, chose to invest in the complete Flexo system to enhance their production. **Niall Diamond, Production Manager** at Diamond Corrugated, summarizes his experience of the equipment; "The whole Baldwin equipment project on my new Corrugated Flexo press was executed without any issues and the performance has exceeded my expectations, particularly with respect to energy consumption".

The Baldwin Flexo portfolio consists of the following systems;

### **LED curing using 50% less power**

The **UVed LED UV** technology represents the latest in solid state LED curing technology and offers over 50% reduction in power consumption in an ultra compact UV lamphead. Lightweight, designed for the requirements of Corrugated LED printing with Instant ON/OFF, almost no heat, no ozone, width switching make this revolutionary technology a must-have for product enhancement.

### **Optimized IR-Drying enhances color definition**

The **FlexoDry2** dryer is specifically developed for Corrugated Flexo printing presses, reducing energy consumption by up to 30% over traditional IR dryers, with the use of patented Diamond IR lamps. Dramatically improved drying enhances color definition and reduces/eliminates marking, while allowing full-speed printing. The system offers an integrated hot air knife with temperature control, which provides better surface drying. Putting safety in focus, the FlexoDry2 comes with an integrated light curtain as standard and an optional Camera Vision System. Multiple light beams increase lamp head coverage and improve safety through the use of linear transmitters.

### **Automated cleaning enhances print quality and adds to worker safety**

The **Flexo Cleaner Brush** enhances print quality by removing hickies and/or cleaning and drying printing the plates within 3-4 minutes, giving more uptime leading to higher press output and creating a cleaner environment. Hickey Picker cleaning removes fibers, debris and fine layers of ink. No manual cleaning and no skin contact with wash agents reduce work related injuries. Plate cleaning is done without de-coupling the press, improving operator safety. Baldwin's Flexo Cleaner Brush system is designed to completely eliminate substrate fiber accumulation, to avoid negative impact on the print image quality. The system allows for printers to obtain optimal print quality results with minimal downtime, with no need for manual rewashing and drying.

The **FlexoCleanPick** is a system that consists of a traversing cloth wash head that picks up hickies and fibers from the Flexo plates during the printing. Different cleaning modes are available such as; spot cleaning, constant cleaning or intensive cleaning that cleans the plates during the print. No manual cleaning and no skin contact with wash agents reduce work related injuries. With a dry cloth, the system is kiss touching the plate and picks up the hickies off the plate without the need to stop the press, enhancing quality and productivity without creating waste. With a wetted cloth, the system can even perform a deeper cleaning of the plates if required.

**Peter Hultberg, Chief Commercial Officer at Baldwin, comments;**

*"We are excited to offer our new, advanced Flexo Printing portfolio to the US Flexo market. The feed-back from our European customers has been overwhelming and our products continue to develop their production performance and quality of print, unlocking new potential for them".*

Please contact us for further references, presentations or to schedule a personal meeting.

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**About Baldwin Technology, Inc.**

*Baldwin Technology Company, Inc. is a leading global supplier of process automation equipment and related consumables for the printing, packaging and other industrial segments, e.g. Technical Textiles, Chip and Fiberboard, Film extrusion and many more.*

*Baldwin offers its customers a broad range of market-leading technologies, products and systems that enhance the quality of industrial produced products with focus on improving the economic and environmental efficiency of the production process.*

*Baldwin is headquartered in St. Louis, Missouri. With +600 team members, the company has operations strategically located in 9 countries, on 14 sites, all around the globe to support product distribution, global sales and service infrastructure.*

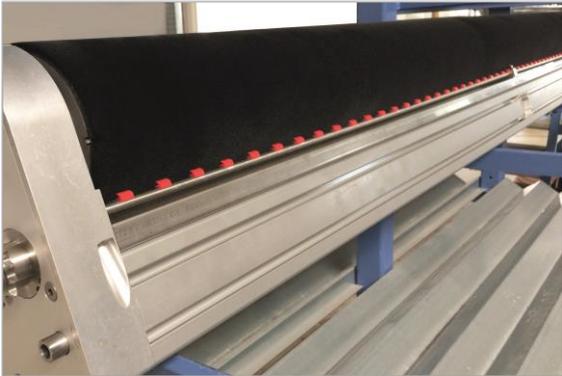
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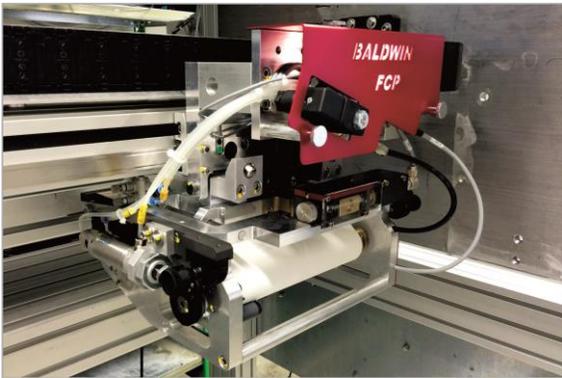
**UV LED**



***FlexoDry2***



***Flexo Cleaner Brush***



***FlexoCleanPick***