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## PRESS RELEASE

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### **Baldwin Demonstrates Global Leadership In Process Improvement Technology Driving Press Room Savings at IPEX 2010**

If you register NOW you receive  
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**See you at the  
Baldwin stand 7-D455**

#### **Stand 7-D455**

Baldwin Technology Company, Inc., will be presenting an extensive product portfolio for the sheet-fed, commercial web, flexo corrugated packaging, newspaper and semi-commercial sectors at IpeX 2010, along with its 'Just Ask Baldwin' concept, providing solutions to what printers could do to improve the productivity and process costs of their printing presses. Combining Baldwin's core products, and products from its Alliance Partners enables the company to provide global support, plus proven solutions to improve print quality, productivity and process costs while lowering waste and pressroom VOCs. Visitors to IpeX need Just ask! It's that simple.

#### **Cleaning Systems**

Baldwin offers the largest selection of press cleaning systems in the world, with products for printers, whether they are in the small offset, newspaper or the flexo corrugated market where it introduced its automatic brush cleaning systems during second half of 2009. Baldwin's automatic blanket cleaning products are based on more than 35 years of experience of designing, building and installing systems. These are supported by a variety of industry leading consumables.

Even within one specific technology, such as automatic blanket cleaning, Baldwin offers several options to the end user:

**ImpactFusion**, which utilises dry or pre-impregnated cloth.

**ProTech**, which uses groundbreaking brush cleaning technology.

**FlexoPlateCleaner**, which is a unique patented automatic plate cleaning system that enhances print quality by delivering clean and dry plates automatically after each cleaning cycle.

**TowerClean**, which is an inexpensive automatic blanket cleaning system offering a very fast return on investment.

**Jetstream**, another popular web cleaning product, removes dust from the paper web before it enters the first printing unit.

With such a choice, customers have the option to best match their press, budget and production requirements, Just Ask!

### **ImpactFusion**

Unmatched levels of cleaning time and reductions in waste and consumables are just some of the benefits offered by Baldwin's ImpactFusion-F automatic blanket cleaning system. Key features of the ImpactFusion-F technology are the controlled cloth advance, the defined spray distribution and the precise cloth usage sensor. The unique ImpactFusion-F system gives the user the choice between using a dry cloth with cleaning agent or PREPAC, which is pre-impregnated with an environmentally friendly, non-VOC cleaning agent.

### **ProTech 2 NP**

ProTech, which uses brush technology to automatically clean blankets, has been established for many years within the commercial web, newspaper and semi-commercial markets. The latest system is ProTech 2 NP for newspaper and semi-commercial printers was introduced during 2009 and is already producing very impressive results at users. Main improvements are the adjustable flicker bar and spray nozzle technology. Customers using this new brush technology are appreciating the reduced washing time, usage of less washing agent and the improved spray distribution.

### **TowerClean**

Baldwin's Tower Clean system for newspaper and semi-commercial, single-width newspaper and coldset web offset presses, is an inexpensive, modular cleaning solution. Tower Clean operates by applying a low-VOC washing agent to the paper and then using the web to clean the blanket.

### **WebCleaning**

Jetstream is a revolutionary system for contact-less removal of dust, fibres and debris from the web before it enters the first printing unit. Aimed at the newspaper, semi-commercial and commercial-web sectors, Jetstream incorporates specially developed aerodynamic suction technology. When used in combination with a Baldwin automatic blanket cleaning system, Jetstream enables previously unobtainable levels of blanket washing effectiveness.

### **FlexoPlateCleaner**

Baldwin's FlexoPlate cleaning system for flexo corrugated press application is a new highly automated cleaning system for the flexo stereotypes. The system is automating a process, that in many cases is carried out manually in today's packaging operations, reducing downtime and thus improving press uptime with 40-50% representing a considerable opportunity for further production volumes per press.

## **Fluid and Temperature Systems - dampening solution preparation and filtration with sustainability**

Baldwin's latest fluid and temperature control systems mirror the trend of creating printed material while achieving sustainability of resources. Baldwin's product range includes options for all market segments, performance and capacity requirements, including solutions for reducing or eliminating alcohol and energy saving by using the "free-cooling" feature.

## **Spray Dampening Technology - attracts the commercial web market**

Baldwin's LithoSpray Maxima is a multi-faceted spray dampening system that was developed for high performance applications in the newspaper, semi-commercial and now also for commercial web presses. Baldwin leads the industry in spray nozzles, valves and control technology, which ensure optimized control of print quality during press start-up and normal daily production and also during long periods of high press speeds. LithoSpray Maxima is fitted with Baldwin's patented Constant C technology, eliminating blocking of spray nozzles caused by ink mist and dust.

## **New WebCatcher S14**

In the area of web protection, Baldwin offers reliable web separation and clamping devices under the product name ProTect and these include the new WebCatcher S14 and the WebCatcher S18 for use in the commercial web, newspaper and semi commercial area. The new WebCatcher S14 will prevent press damage from a web break at speeds of up to 14 m/s and the WebCatcher S18 for web speeds of up to 18 m/s. Customer options for the WebCatcher series include the stripe wrap-up recognition system DSWP and the automatically adjustable Airknife A<sup>3</sup> and a webstabilizer.

## **In-line Finishing Systems**

Baldwin's in-line finishing systems for commercial web applications include the newly developed WebSiliconer. This silicone application device avoids smearing of printing ink on the press's guide rollers and puts a controlled amount of moisture back into the paper web after heatset drying. Visitors to the company's Ipex stand will be able to hear about WebTack, a highly precise longitudinal gluing and fold softening system that applies glue/soft in contact with the paper web. Features include a high degree of control, fast make-ready and low maintenance.

## **Drying Systems for Sheet-fed applications**

Baldwin's drying systems include the Graphiset GS 4. Designed for sheet-fed presses, the combined IR and hot air dryer is a highly economic unit, particularly suited for demanding production applications requiring in-line coating. Baldwin has more than 40 years experience in the development and manufacture of IR and combination dryers offering a range of options including systems for presses with low and high-pile deliveries. This product can ideally be combined with Baldwin UV curing system, for customers who would like to have the facility to produce highest gloss or print on plastic. Baldwin also offers energy efficient dryers for post print flexo, book printing and newspaper presses.

## **Consumables**

Baldwin introduces a new extended and exciting range of its award-winning, environmentally efficient line of consumables for automatic cleaning systems. With the Ipex release of the new technologies PREPAC<sup>®</sup>*Plus*, PREPAC<sup>®</sup>*Extreme*, DryPac*Plus* and DryPac*Extreme*, Baldwin is now able to offer high performance consumables solutions for hybrid, UV and textured cylinder applications as well as significantly improved and cost-effective cleaning for traditional newspaper, commercial web and sheet-fed printing applications.

In addition to this, Baldwin releases the newly developed CleanPac, a system for manual tissue cleaning of the press as well as gentle hand cleaning for the operators. The CleanPac line consists of pre-impregnated sheets for machine- and hand wash, complemented with dry sheets. CleanPac is a convenient and cost efficient alternative to the conventional cleaning rags.

## **Service Solutions**

In today's demanding market, printers have to achieve maximum productivity and reliability in their equipment. Baldwin uses a highly efficient global service organisation to provide technical support around the world to customers. Individually tailored service packages can incorporate retrofits and system optimisation, after-sales support, spare parts etc can be created according to the needs of the printer. Preventive measures can also be added into the package. In addition to this, Baldwin offers special retrofit upgrades so that customers can maintain their systems with optimum efficiency, while its consulting and training services ensure that user obtains maximum benefits from Baldwin equipment.

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## **EDITOR'S NOTES**

### **About Baldwin**

Baldwin Technology Company, Inc. is a leading international supplier of process automation equipment for the printing and publishing industries. Baldwin offers its customers a broad range of market-leading technologies, products and systems that enhance the quality of printed products and improve the economic and environmental efficiency of printing presses. Headquartered in Shelton, Connecticut, the company has operations strategically located in the major print markets and distributes its products via a global sales and service infrastructure. Baldwin's technology and products include cleaning systems, fluid management and ink control systems, web press protection systems and drying systems and the related consumables.

In 1987, Baldwin Technology Company, Inc. was listed on the American Stock Exchange; it currently trades on the NYSE AMEX Exchange.

For further information, visit the Baldwin website at: [www.baldwintech.com](http://www.baldwintech.com)

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