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For additional information, please contact: Dalma Ricci, *Global Strategic Marketing Leader* dalma.ricci@bwconverting.com

## BW Converting highlights Baldwin EPIC System's sustainability and safety benefits at The Battery Show Europe 2025 Empowering European battery manufacturers with advanced in-line cleaning solutions



GREEN BAY, Wis. – June 3, 2025 – <u>BW Converting</u> will spotlight its revolutionary Baldwin <u>Electrode Press Industrial Cleaning (EPIC) System</u> at The Battery Show Europe 2025, taking place June 3–5 at Messe Stuttgart in Stuttgart, Germany. Designed to meet the growing demand for profitable, sustainable and safer manufacturing solutions, the Baldwin EPIC System delivers exceptional cleaning performance for battery electrode production lines, helping European manufacturers advance both product quality and environmental stewardship.

BW Converting's Baldwin EPIC System is the world's first fully automated in-line cleaner for advanced battery production.

The EPIC System is the first fully automated in-line cleaning technology specifically engineered for calendering processes in battery cell

manufacturing. By cleaning rollers during production at temperatures up to 150°C (302°F), the system eliminates the need for manual intervention, drastically reduces downtime and minimizes the environmental footprint of cleaning operations.

## Meeting Europe's Growing Focus on Sustainability and Safety

European battery manufacturers face increasing pressure to enhance sustainability and improve worker safety, and the EPIC System addresses these needs directly:

- **Reduced Environmental Impact:** By eliminating the need to cool and reheat heavy calender rollers during cleaning, the EPIC System conserves significant amounts of energy and reduces chemical waste, aligning with Europe's strong commitment to sustainable manufacturing practices.
- Enhanced Operator Safety: EPIC's fully automated cleaning process removes the risks associated with manual handling of hazardous chemicals and hot surfaces, helping manufacturers create a safer workplace environment.
- Superior Battery Film Quality: Maintaining consistently clean roller surfaces improves electrode uniformity, contributing to better battery cell performance, longer range for electric vehicles and greater overall energy efficiency.
- **Protection of Equipment Investment:** By standardizing the cleaning process, EPIC prevents damage to expensive mirror-polished rollers often caused by improper manual cleaning methods.











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"Scalability, reduction of scrap rates and safe operations have never been more important for the European battery market," said Dennis Behnisch, Product Line Leader, Surface, Cleaning & Spray, at BW Converting. "Our EPIC System empowers manufacturers to not only meet stringent environmental and safety standards but also to produce consistently higher quality electrode materials. It's a technology perfectly aligned with Europe's manufacturing priorities."

Attendees of The Battery Show Europe are invited to visit BW Converting's booth #8-D34 to learn how the EPIC System can enhance sustainability, safety and quality across their battery manufacturing operations.

To learn more about BW Converting's expanded capabilities or to explore Baldwin's advanced process-improvement technologies, visit <u>bwconverting.com</u>.

## **ABOUT BW CONVERTING**

From paper to plastic, ink to textile, products to packaging, BW Converting changes things for the better. We innovate, design, manufacture and service precision machinery that unlocks manufacturing opportunities in tissue, hygiene, print, packaging, mailing, textiles and other high-performance industrial applications. By unifying our product brands — Paper Converting Machine Company (PCMC), Winkler + Dünnebier (W+D), Baldwin Technology Co., Hudson-Sharp, STAX Technologies and Northern Engraving and Machine — under one global organization as part of the \$3.6 billion Barry-Wehmiller organization, we help maximize global industry potential today and tomorrow. To learn more, go to <u>bwconverting.com</u>.

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