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BW Converting introduces the Meridian Elite+: The next generation in laser roll cleaning

Delivering unmatched automation, precision and efficiency to flexographic printing companies



BW Converting's PCMC Meridian Elite+ delivers faster, smarter and more automated roll cleaning.

GREEN BAY, Wis. — April 24, 2025 — [BW Converting](#) announces the launch of its PCMC [Meridian Elite+](#), the latest evolution in laser roll cleaning technology. Designed to set new industry benchmarks, the Meridian Elite+ delivers faster, smarter and more automated roll cleaning, reducing downtime while improving print quality and operational efficiency. The product will officially launch May 5 at the [FTA FORUM INFOFLEX 2025](#).

Building upon the success of the original PCMC Meridian Elite, the new Meridian Elite+ integrates a suite of industry-first innovations that enhance automation, precision and ease of use. With advanced roll inspection capabilities, intelligent cleaning adjustments and comprehensive roll tracking, the system ensures peak performance with minimal operator intervention.

“The Meridian Elite+ represents a significant step forward in anilox and gravure roll cleaning technology,” said Mike Branstrom, Product Manager, BW Converting. “By combining automation with smart, connected features, we are giving converters a powerful tool to optimize pressroom efficiency, extend roll life and maintain exceptional print quality.”

A Breakthrough in Laser Cleaning Technology

Building on the success of the original Meridian Elite, the Meridian Elite+ features:

- **Automated Cell Volume Measurement Microscope:** Ensures real-time pre- and post-cleaning measurements, eliminating the need for manual checks and improving roll consistency.
- **Intelligent Roll Tracking & Reporting:** A cloud-based database records cleaning history, allowing operators to optimize maintenance schedules and maximize roll lifespan.
- **Optimized Cleaning With Adaptive Laser Technology:** The system automatically adjusts cleaning intensity based on real-time roll condition, preventing over-cleaning and reducing unnecessary wear.
- **Enhanced Industry 4.0 Connectivity:** Smart features enable remote monitoring, trend analysis and predictive maintenance, reducing downtime and increasing efficiency.
- **Eco-Friendly Operation:** The Meridian Elite+ eliminates the need for water, chemicals or compressed air, significantly lowering operational costs and environmental impact.

Driving Pressroom Performance

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The PCMC Meridian Elite+ is engineered for converters seeking to improve print repeatability, reduce defects and extend roll longevity. By automating the cleaning and inspection process, the system enables operators to focus on other critical tasks, increasing overall productivity and reducing labor-intensive maintenance.

BW Converting continues to redefine the standards of flexographic printing technology, developing solutions that empower converters to meet growing industry demands for efficiency, sustainability and print quality.

To learn more, visit bwconverting.com.

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 bwconverting.com.

ABOUT BARRY-WEHMILLER

Barry-Wehmiller is a diversified global supplier of highly engineered capital equipment and consulting services for a wide variety of industries. By blending people-centric leadership with disciplined operational strategies and purpose-driven growth, Barry-Wehmiller has become a \$3.6 billion organization with more than 12,000 team members united by a common belief: to use the power of business to build a better world. CEO Bob Chapman shares the story of the company's transformation in his book, [*Everybody Matters: The Extraordinary Power of Caring for Your People Like Family*](#). To learn more, go to barrywehmiller.com.