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New L&W Autoline offers fastest, most reliable automated paper testing solution

ABB’s next-generation system provides rigorous quality control information, up to 10 times faster than manual testing, to enable the rapid reduction of off-spec production

Technology leader ABB announces its enhanced L&W Autoline automated paper testing system, scalable to fit any lab and user-friendly in operation for those new to automated testing. The fast, accurate solution optimizes quality control and minimizes operational costs for all papermaking operations.

For intuitive simplicity, L&W Autoline incorporates a unique, visual touchscreen interface, requiring minimal training to master. Other features include the smoothest and most reliable feeding system on the market, that pulls the samples through the machine to minimize jamming; a unique dual test function to reduce queuing by allowing simultaneous testing; high-volume information storage, enabling identification of quality trends over time; and real-time visualization, providing direct feedback to operators on the unit and throughout the mill.

The system—which can handle everything from sample preparation to the final reel report—radically reduces dependence on manual testing, enabling resources to focus on continuous and sustainable quality improvements while reducing quality control costs.

“Our pioneering L&W Autoline automated paper testing solution plays a crucial role in mill digitalization by enabling faster, smarter decision-making and process adjustments,” said Per Sandstrom, head of lab and process testing measurements for ABB pulp and paper. “With this system, customers gain the benefits of direct access to more information in less time, in a scalable package suitable for operations of all sizes.”

The speed at which the system gathers information and highlights off-spec data facilitates rapid process tuning 24/7, 365 days of the year. Visualizations are instantly available in real time to operations and engineering personnel both locally and remotely, to ensure production targets and quality specifications are fulfilled.

Building on the legacy of almost 50 years of automatic paper testing, L&W Autoline now comes in two different sizes: L&W Autoline S has a reduced footprint for smaller mills and those new to automated testing. L&W Autoline L is a larger unit, designed for more extensive testing requirements.

Both options share the same feature set, including sequential testing coupled with the ability to capture more than 100 quality parameters by CD position, providing a high quantity and quality of information for fast corrective action.

L&W Autoline is part of the ABB Ability™ Quality Management System (QMS) solution suite, ABB’s complete offering for optimizing paper quality.

**ABB** is a trusted partner and leading supplier to the pulp and paper industry, offering deep expertise and a comprehensive portfolio of integrated digital solutions, automation and electrification systems, industry-focused products and comprehensive services to help our customers optimize all phases of the papermaking process. We are committed to serving packaging, paper, tissue and pulp producers to help drive availability, performance, cost and quality improvements. Active worldwide, ABB has over 1000 pulp and paper professionals who serve customers in over 50 countries. www.abb.com/pulpandpaper

**ABB** (ABBN: SIX Swiss Ex) is a technology leader that is driving the digital transformation of industries. With a history of innovation spanning more than 130 years, ABB has four customer-focused, globally leading businesses: Electrification, Industrial Automation, Motion, and Robotics & Discrete Automation, supported by the ABB Ability™ digital platform. ABB’s Power Grids business will be divested to Hitachi in 2020. ABB operates in more than 100 countries with about 144,000 employees. www.abb.com

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