

Achieve complete control with the next-generation register solution for packaging production

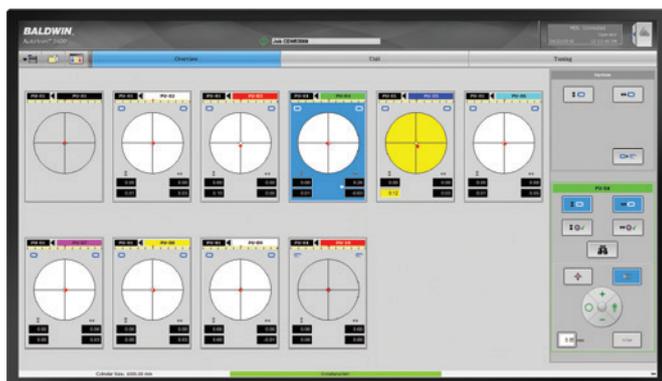
Autotron 3600 delivers enhanced printing performance by providing greater sensitivity and optimum control over register errors at every stage of the printing process – ensuring packaging converters achieve perfect register, reduced waste and a solid return on investment.

The Autotron 3600 platform offers increased accuracy to better manage register control on challenging substrates across packaging and decorative printing applications. The use of fiber optics removes all electrical components from the hazard zone for solvent-based applications and simplifies mounting and adjustment of the sensing head. The color sensor, combined with automated light intensity adjustment, makes easy work of challenging substrates such as metallics. Teamed with new leading-edge scanning technology, the system is able to react more quickly print register variations—before they become a problem.

Designed as a “plug and play” system with a user-friendly interface and modular design, along with simplified installation requiring minimal operator training, this innovative platform enables even higher quality and cost-effective packaging production.

Features and Benefits

- Based on the same intelligence, architecture and user experience of the highly-robust, industry-renowned Autotron 2600 with ClearLogic™—but adding the latest advances in technology to provide additional efficiencies and improved performance. Operators already using the 2600 benefit from the same user experience and waste efficiencies, allowing seamless transition from proven existing to next-generation technology with no learning curve.
- Requiring less hardware, the modernized design makes the system far more compact and efficient.



Read any type of mark or color variation with increased accuracy.

- “Plug and play” product structure, modular design and easy-to-use interface makes integration simple and installation easy. You can, in many instances, install the system yourself—reducing overall investment costs.
- Working with drives manufacturers, this system also allows you to control register for the full range of inline processes, either to a rewinder or to the finished product, including die-cutting, sheeting and embossing.
- Packaging-specific software is effective for a variety of materials, including foil, film and paper.
- Unique corrective algorithms automatically adapt the system to changing press conditions, maximizing press output and ensuring optimum control during all phases of press operation.
- New color sensor enables users to read any type of mark or color variation with increased accuracy and get more precise register at any stage of the printing process, providing more control throughout production.
- Heightened sensitivity and greater accuracy results in faster identification of wedge mark location.
- Automated light intensity to better manage control of color register on challenging substrates, such as metallics.

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Features and Benefits (continued)

- A library of more than 40 different register-mark types combines with flexible mark positions to help ensure excellent results regardless of the materials and processes involved.
- Detects a wide range of pale and low-contrast marks, including detectable varnishes, lacquers, cold seals.
- “Future-proof” architecture leverages leading software and hardware development platforms. The system’s modular design and clearly defined upgrade path will allow you to keep operating at the leading edge of performance for many years to come.
- Provides a new competitive advantage to attract brand owners and print buyers.



The fiber optic color sensor and new scanning technology help to manage control on challenging substrates.

Specifications

Measurement resolution: 0.01mm

Maximum operating speed: 20 m/sec (3937 ft/min)

Cylinder circumference range: 200-2200mm

Maximum number of controlled units: 16

Maximum number of motors: 32

Operator Control Station: Universal Touch Screen

Operating System: Microsoft Windows®

Communication means: Ethernet

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