ibis Integrated Bindery Systems

IBIS Smart Label-binder for ECL production

World-class ECL booklet finishing solutions

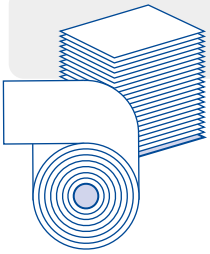
Discover how the IBIS Smart Label-binder (SLB) can produce your Extended Content Label (ECL) booklets with Cold-Glue Binding & optional Laser-Tabbing for integrity, speed, and quality with maximum efficiency and reliability.

British Engineering

www.ibis-bindery.com

Why choose the IBIS Smart Label-binder

The IBIS Smart Label-binder (SLB) provides unmatched flexibility and performance for ECL production, ensuring that every booklet is produced at the highest quality – first time, every time.



Feeding options:

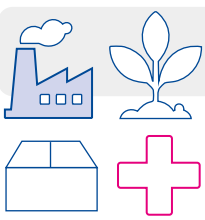
- Off-line feed from a high-pile sheet-feeder at feed rates up to 6 sheets per second
- Near-line feed from a roll-unwinder and web-cutter at web speeds up to 180 meters/min
- In-line feed from a digital web-printer and web-cutter, or a digital cut-sheet printer
- Combination of feed from a web-cutter or feed from a sheet pile, with quick changeover between each mode.

Smart Label-binder
fed off-line from a sheet feeder

Smart Label-binder
fed near-line from a web-cutter

Key benefits:

- Eliminates the multiple manual operations normally associated with conventional ECL production
- Label booklets containing a variable number of pages: up to 200, or more
- Patented ISG cold-glue binding: Stronger, flatter booklets that integrate seamlessly into packaging
- High-speed production: Up to 7,000 cycles per hour (42,000 ECL booklets/hour if running 6-up)
- 100% production integrity: Sheet-level tracking and error rejection to eliminate waste
- Flexible configurations: Inline, near-line, or off-line to suit existing print workflows
- In-line laser cutting of the outside cover for extended tabs needed for Pharma ECLs.



Applications:

- Pharmaceutical & healthcare
- Agrochemical
- Industrial products
- Consumer goods packaging

Smart Label-binder Technology

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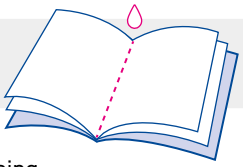
ISG glue binding with missing glue detection

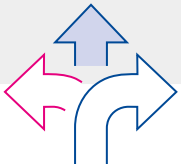


Patented ISG cold glue binding – ideal for ECLs where wire stitching isn't suitable. Optical sensor monitors glue application. Automatic System stop if any glue drop is missing.

Integrity, Tracking and Reporting

Every sheet is code-read and tracked throughout production. Automatic rejection of incomplete or incorrect booklets. Individual booklet status data for full audit and quality control. Ensures 100% booklet integrity.

Maximum Flexibility



The modular design of the SLB allows you to tailor the system to your exact requirements. Options such as automated cover feeders, autoloaders, dynamic perforation, and integrated data management tools make the SLB the most versatile ECL booklet solution on the market.

Light weight paper

The SLB can handle paper stocks as light as 37gsm (reduced feed speed) or 45 gsm (full speed).

Multi-up production

The SLB produces booklets with spine lengths up to 320mm. Typically this means that multiple small format ECLs are produced in one booklet and these are separated at a later stage in the process. This multi-up process combined with quick job changeovers results in exceptionally high production efficiencies.

Laser cutting for extended tabs

The additional Laser-Tabber model LT-101 brings a new level of efficiency to Pharma ECL production. Designed to work in-line with the IBIS SLB, the LT-101 provides a clean, efficient and flexible tabbing solution:

- **Precise laser cutting of the outside sheet for consistent, high quality extended tabs**
- **Booklet trimming to reduce the width of all other sheets**
- **Increased production speed, quick job changeover time and reduced waste**
- **Seamless in-line integration with the Smart Label-binder**

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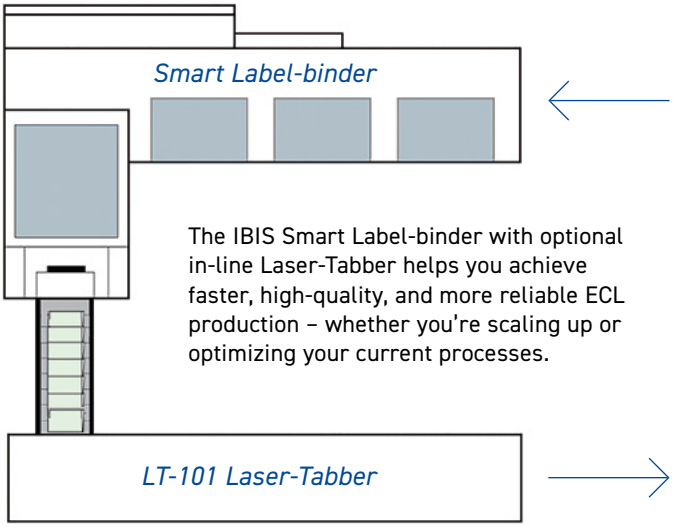
ECLs with extended tabs

IBIS SLB with Laser-Tabber LT-101
The ultimate solution for Pharma ECL production



Printed sheet input from web-cutter or sheet pile feeder

The IBIS Smart Label-binder with optional in-line Laser-Tabber helps you achieve faster, high-quality, and more reliable ECL production – whether you're scaling up or optimizing your current processes.

ECL output with extended tabs

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