# IBIS Bindery Systems

## Company and Product introduction

Updated September 2026

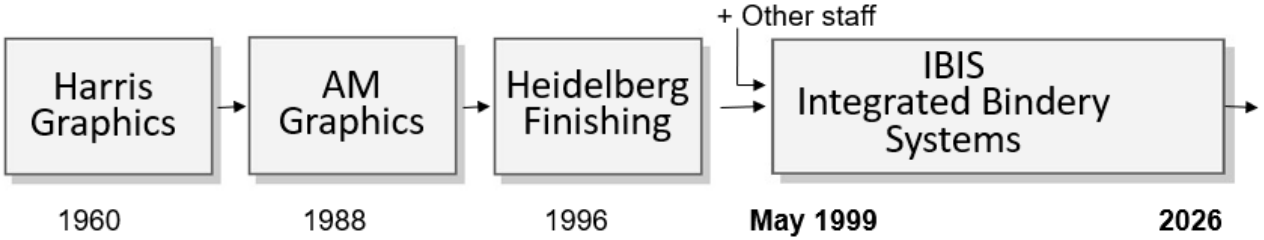
***IBIS Innovation: Moving you ahead***

- Introduction
- ‘Smart’ binding products
- Markets served
- USPs and Options
- What you can expect from IBIS

# Introduction to IBIS

IBIS UK Headquarters
and showroom

We are committed to supplying the **highest-quality digital booklet finishing solutions** which **delight our customers,** increase their profitability and encourage their loyalty over time



# The IBIS Team

- 19 Staff with focus on Engineering and Customer support
- Dedicated experts in book finishing solutions for digital print

# IBIS Executive Management Team

**John Cracknell**
Managing Director
Founding Partner

**Mark Firth**
Director of Engineering
Founding Partner

**Karen Stanley**
Finance Director

**Chris Findlay**
Operations & Customer
Services Manager

**Amin Muhtaseb**
Global Sales &
Marketing Manager

**Brona Revell**
Operations &
Logistics Manager

# IBIS Purpose and Mission

## Our Core Values

### Commitment

We are committed to supplying high quality products and services that bring success and profitability to our customers

### Openness

We communicate honestly and frankly with our customers and between ourselves

### Integrity

We conduct ourselves correctly and deliver what we promise

### Technical excellence

We take pride in supplying systems with high standards of engineering, which provide maximum benefits to end-users.

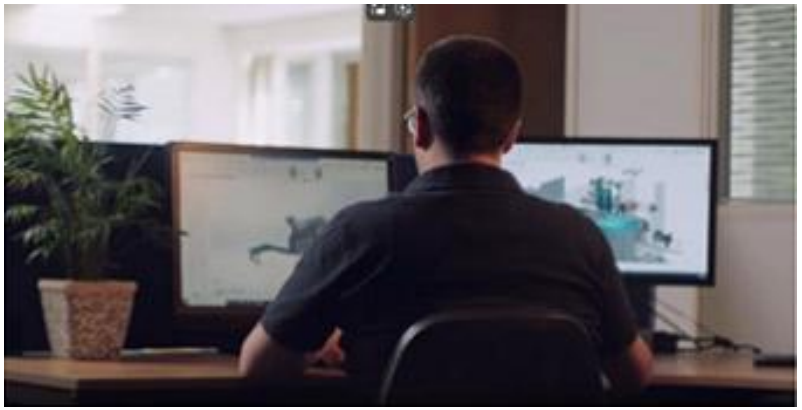
## Our Goal

Our business goal is to increase turnover by 50% in the next four years to maximise return to our shareholders, reward our staff and provide staff employment stability.

## Our envisioned longer-term plan

Our vision is to become the supplier of choice for our customers around the world, and a role model for British engineering design, ingenuity and quality.

# IBIS Engineering



- Solidworks 3D CAD design
- PC with Windows OS and PMAC, for machine drives and controls
- Prototype build and testing, including 3D printing for rapid prototyping

# IBIS Manufacturing

QSCert ® SNAS Reg. No. 091/R-129

**CERTIFICATE**
**ISO 45001:2018**

Provisions for the following areas:

**Production and assembly of electrical and mechanical machines and appliances**

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

State-of-the-art 11,000 $m^2$ (118,403 $ft^2$) machining and assembly factory at EDM in Slovakia

# Routes to market

**IBIS UK Head Office**
High Wycombe (near London)

Product Manufacture in Slovakia (sub-contract )

OEM Printer Vendors such as Screen

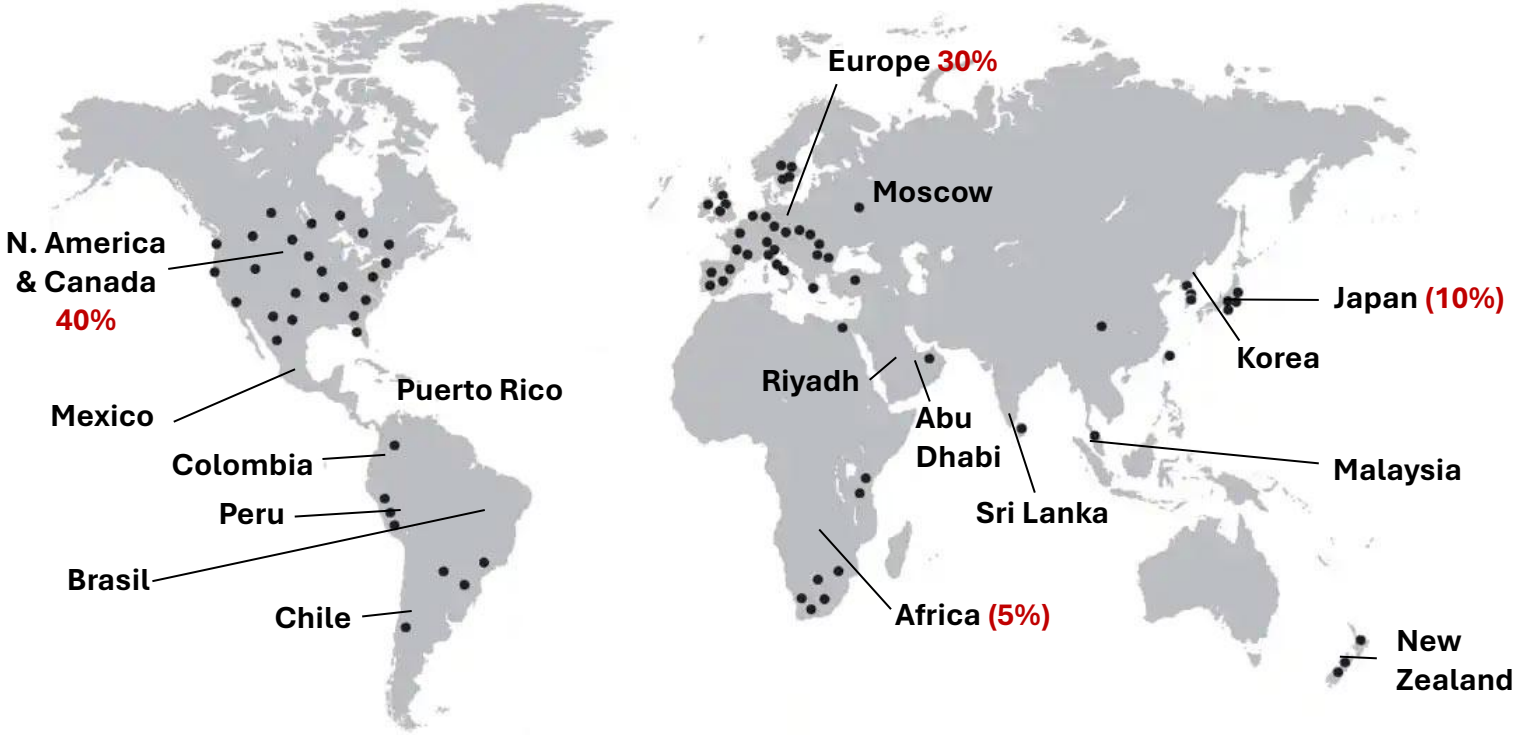
USA Best Graphics

Regional Distribution Partners

End-user Customers

# IBIS Customer Base

**In April 2026 we had installed over 230 Smart-binders at sites around the world**




- Approx 30% of IBIS Smart-binders are in-line with digital web printers
- Approx 40% are near-line fed from roll unwinders
- Approx 30% are off-line fed from sheet pile feeders

# IBIS Product range

| Model | Features |
|---|---|
| **Smart-binder SB-2** | Wire Stitching only |
| **Smart Exam-line** with stacking/wrapping/labelling | High security processing for Examination booklet production |
| **Smart-binder SB-3** | Wire Stitching and ISG cold glue binding |
| **Smart Label-binder SLB** | For production of Extended Content Labels (ECLs) with ISG gluing and lightweight paper + laser tabbing |
| **Smart News-binder SNB** | For newspaper production<br>max newspaper width 273mm (10.75”) |

Customization: A large number of optional additional modules and features are available

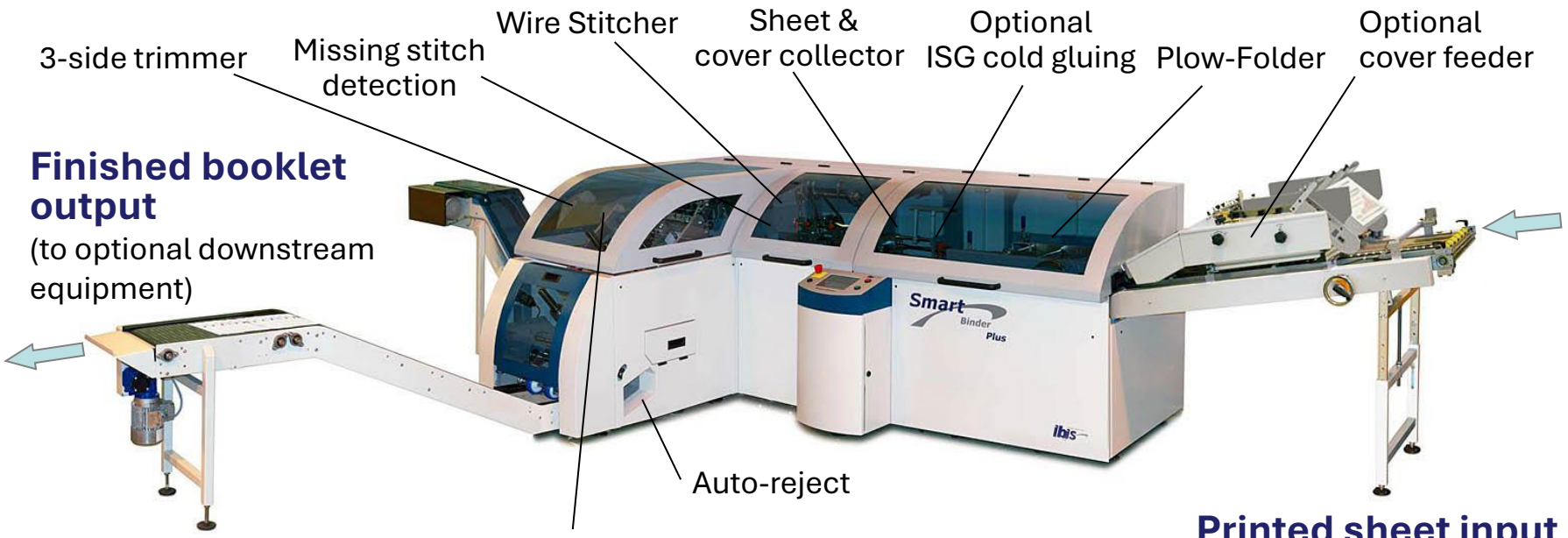
# The Smart-binder

Finished booklet output

Printed sheet input from web cutter or sheet feeder

- **Variable page-count booklets** from 1 folded sheet up to 10mm (0.39”)max booklet thickness
- **100% booklet integrity** (code reading of each sheet, tracking systems and auto-rejection)
- Web speeds up to **180 meters/min (590 ft/min)**
- Output speed **7,000 books/hour (1-up) or 14,000 (2-up)**
- **Large range of booklet format sizes** (**optional extended max and min sizes available )**
- **Different binding options available** (stitching, ISG cold-gluing, perfect binding)

# Smart-binder machine elements



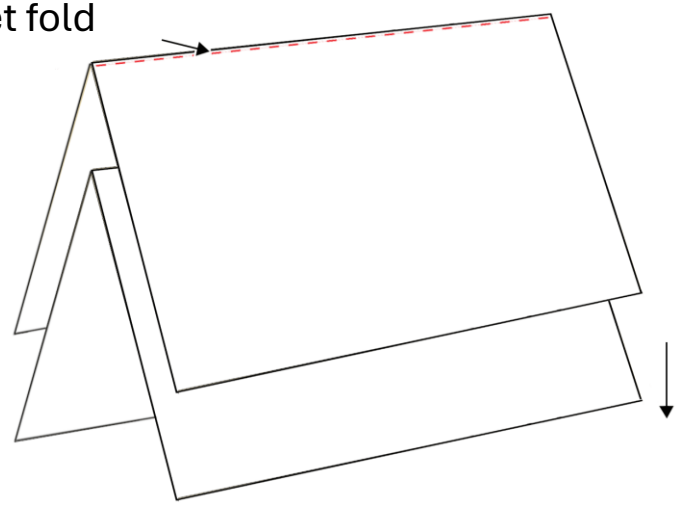
# Smart-binder USPs

- **Heavy duty design** for 7 x 24hr operation, over many years
- Can run in-line with **digital web printers at up to 180 m/min (590 ft/min) web speed**
- Produces booklets at up to **7,000 bph** (1-up) or **14,000 bph** (2-up)
- 100% tracking to ensure **100% booklet integrity** and SDA reporting
- Can **vary book thickness on-the-run** (to suit personalized 'books-of-one')
- Unique **Individual Sheet Gluing (ISG)** : alternative to wire stitching
- **Individual sheet folding:** excellent book lay-flat & max 10mm (0.39") book thickness
- **3-side trimming** for optimum finished book quality
- **Large range of options** available

# ISG (Individual Sheet Gluing)

## Included in model SB-2 and SLB

Micro-dot pattern of ISG cold glue is applied on the **inside** of the sheet fold



Sheets are then collected and pressed together to create a signature, OR "stitchless" booklet

# In-line version Smart-binder

**Fed from a roll-unwinder, web-cutter & printer**

VIDEO In-line Smart-binder SB-2 producing Exam Booklets

# Near-line version Smart-binder

**Fed from a roll-unwinder & web-cutter**

Optional F-100 buckle-folder for 160 - 180 m/min (525 – 590 ft/min)

VIDEO Smart-binder producing A4 exam booklets at 130 m/min

# Off-line version Smart-binder

**Fed from a sheet pile feeder**

VIDEO Smart-binder SB-3 running off-line from a sheet pile feeder producing glued booklets

# Market Segments

The Smart-binder is ideal for all **high volume**, **short-run** or **time-critical** printing.

**Most common Smart-binder Applications:**

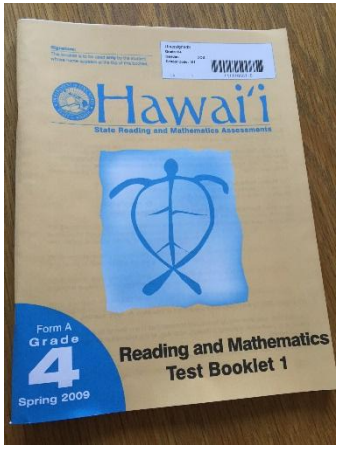
- Examination question booklets
- Pharma and Agro Chem 'Extended Content' Label booklets (ECLs**)**
- Insurance documents (including Healthcare/medical insurance)
- Product Instruction Manuals
- Legal and Financial documents
- Government papers
- Church bulletins
- Music books, short run magazines, etc.

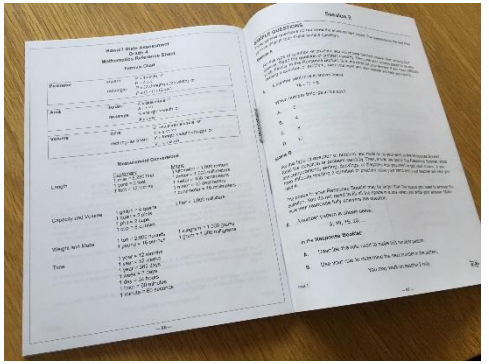
# Exam booklet production

More printing companies are using **IBIS Smart-binders** to produce **exam booklets t**han any other digital finishing system.

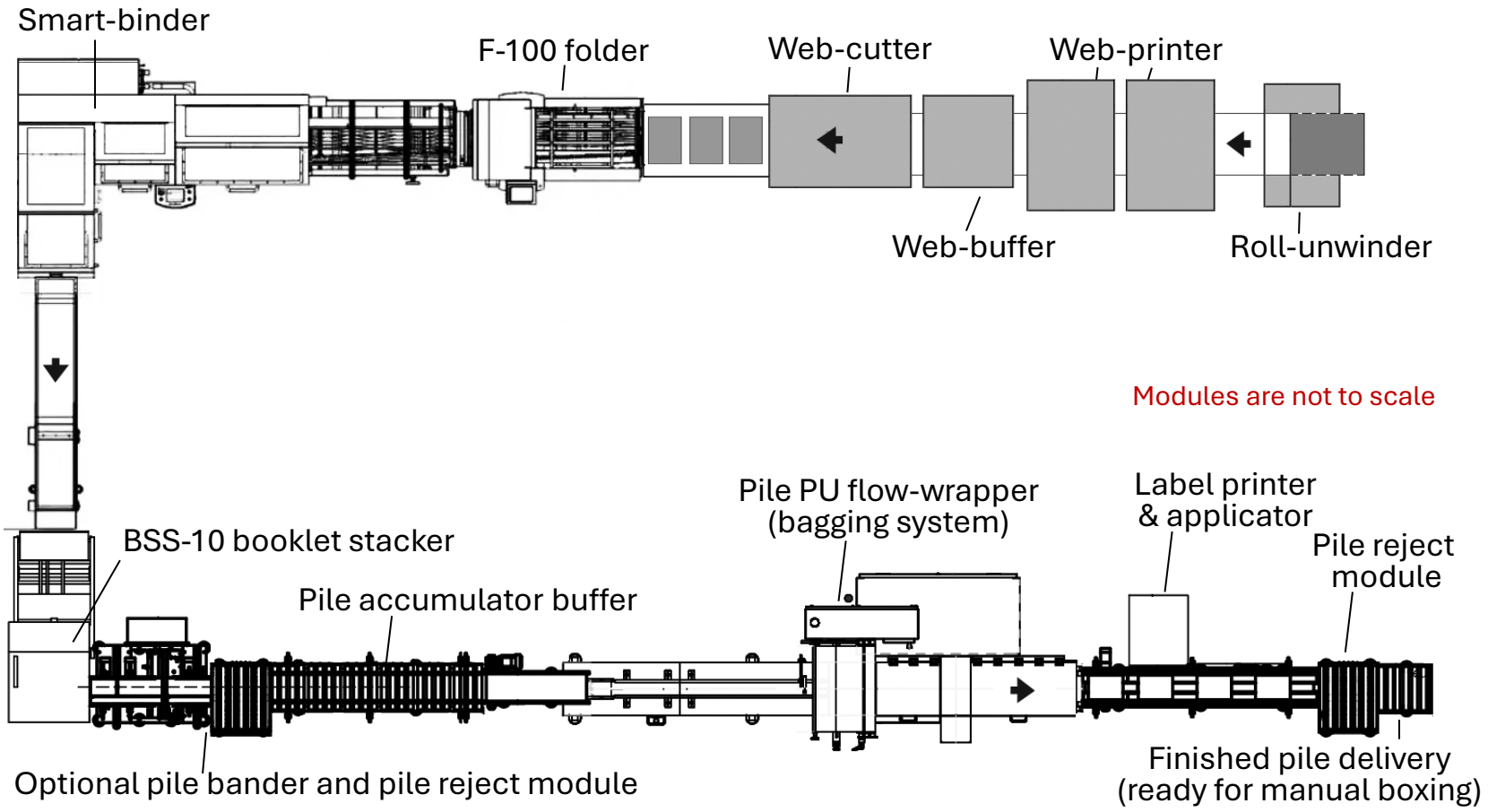
The reasons for this are :

- Booklet integrity
- Reliability with minimum maintenance
- High speed output
- Variable number of pages
- Cover matching
- Document personalisation and tracking
- Answer sheet perforation
- In-line downstream inserting/IJ printing/
- stacking/banding/pile wrapping and labelling.



# Smart Exam-line



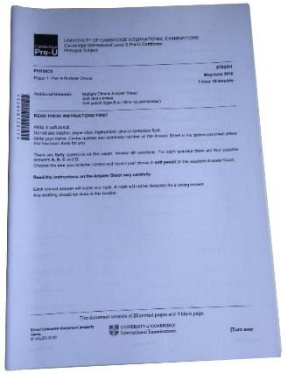
# Photo of Smart Exam-line

# Case Study

## Exam-booklet Printer in KL Malaysia

- 2 ink jet web printers and in-line with IBIS Smart-binder SB-2s + booklet stacking, banding, PU pile wrapping and labelling
- Typical exam booklets contain 8 – 32 printed pages
- 100% booklet integrity is essential
- Customer feedback statement:

  *We are pleased to confirm that we successfully completed our examination printing targets for 2025 (170 million A4 pages) at approximately 11.50 am today (5 Sept 2025), 2 weeks ahead of schedule.*



# ECL Label booklet production

IBIS Smart Label-binder is a market-leading solution for cost efficient production of **ECL Label booklets**.

The reasons for this are :

- 100% page integrity and booklet tracking
- Unique ISG cold-glue binding (replaces conventional wire stitching)
- Able to handle printed sheets as light as 38 gsm
- Reliability with minimum maintenance
- Number of pages variable on the run
- In-line laser-cut tabbing of the outside cover using the optional LT-101(for pharma ECLs)

# Case Study

## International ECL Label manufacturer

### with IBIS installs in 7 different countries for ECL production

- IBIS Smart Label-binders (SLBs) fed from web cutters and/or sheet pile feeders
- ISG cold glue binding (wire stitching is not acceptable for Pharma ECL labels)
- Typically running 40-45gsm paper stock for Pharma labels
- Special SLB machine enhancements for optimised ECL production
- In-line laser cutting for extended tabs in the outside sheet cover

# Newspaper production

The IBIS Smart News-binder is a special version of the standard Smart-binder that includes modifications to produce newspapers.

The SNB produces newspapers up to a maximum size 273mm (10.75”) x 320mm (12.6”) spine, minus any trim required, from digitally-printed newsprint rolls.

The SNB-X increases max spine width to 457mm (18”).

The F-100 or F-200 buckle folder may be added between the web-cutter and the SNB to fold each sheet in half.

# Smart-binder USP Data integrity and control

- Integrated controls and software detect and track each sheet
- Data-rich log file contains production data on each individual booklet which can be viewed using the SDA Smart-Data Analysis system
- Log file creates an audit trail, and an individual booklet number can be assigned
- Cover-to-text matching also available
- Customer can choose barcode or 2D code
- High-integrity applications: - Exam papers –ECLs- Insurance - etc

# Smart-binder Options

## Most commonly selected

- High-pile **sheet feeder** SB-095 or SB-097 : for off-line feed
- ISG **cold glue binding** (SB-3) : alternative to wire stitching
- **Cover-feeder** CIF-102: separately-fed outside cover or insert sheet
- **Buckle-folder** F-100: for higher speed or small formats
- **Sheet perforator** DMP-100: for sheet tear-out
- **Booklet stacker** BSS-100: compensated booklet piles
- **Laser tabber** LT-101 : for tabbed ECL pharma booklets
- **Smart Data Analysis** SDA-100: Display for operating production data
- **Downstream inserting, pile-banding, pile wrapping, labelling** etc

For increased security (eg: exam booklet printing)

# Smart-binder Why buy summary?

- Performance and flexibility
- Personalization and book integrity
- Increased up-time & low running costs
- Enhanced book quality
- Support, customization and options

# Working with IBIS

IBIS is committed to offering our customers the highest quality finishing solutions and we will always:

- Act with openness and integrity in all our dealings with you, respond within one working day and respect the confidentiality of information you give us
- Only sell to you if we are confident that we can satisfy your requirements
- Review how our equipment may be customized to suit your specific needs
- Test and demonstrate your finishing job prior to sale, if needed
- Continue to work with you after installation until we achieve pre-agreed system performance
- Give you continued technical support in the future

# IBIS Bindery Systems

www.ibis-bindery.com

## Contact us:

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