Comprehensive service and support
A commitment to engineering excellence
Worldwide system installations
Introduction from John Cracknell, IBIS Managing Director

Digital printing continues to grow at the expense of traditional offset printing and we are proud to be part of this growth. However, the full benefits of digital printing cannot be realized without suitable ‘print finishing’. The IBIS team are experts in addressing these needs.

Since the year 2000, when we introduced the first in-line digital saddle-stitcher, our products have been used for a wide range of different jobs, including exam papers, insurance documents and for Governmental printing. Booklets may be individually personalized, often have to be produced in very short time windows and require 100% booklet integrity control.

IBIS Smart-binders (saddle-binding) and Sprint-binders (perfect-binding) are fast, reliable, durable, easy-to-maintain and contain many innovative design features to give you competitive advantage. They may be used in-line with the highest speed printers, or near-line/off-line. We also excel in integrating diverse modules from other manufacturers to create specialized systems with unique and customized features.

Over 100 digital-printers around the world are benefiting from IBIS book-finishing systems and many of these are ‘repeat buyers’.

Our customer’s success is our own success!

The IBIS Senior Management team

The IBIS senior management team includes two Oxford and Cambridge Engineering Graduates:

**John Cracknell** Managing Director
38 years experience in Print Finishing, including 20 years as Engineering Director with Heidelberg, AM and Harris.

**Mark Firth** Engineering Director
30 years experience in Print Finishing, specializing in system control.

**Martin Reed** Customer Support Director
33 years experience of book binding machinery manufacture and supply.

**IBIS innovation: moving you ahead**

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

**Our Values**
Commitment: We are committed to bringing success to our customers.
Openness: We communicate honestly and frankly.
Integrity: We conduct ourselves correctly and deliver what we promise at all times.
Technical excellence: We take pride in high standards of engineering and providing maximum benefits to end-users.

Location

We are based 30 miles (48 km) from central London and close to Heathrow international airport.
Why buy from IBIS?

IBIS clients gain a real edge over their competitors by:

**Reducing your production costs**
- In-line or off-line operation.
- Up to 2600 pages/min throughput (up to 14,000 books/hr output).
- Stitched and glued books up to 60mm (2.36”) thick from the same machine.
- Low running costs.

**Personalization and book integrity**
- IBIS digital finishing solutions allow rapid and easy personalization of books on the run.
- 100% page integrity with absolute page and book tracking assured.
- Accurate Management Reporting and diagnostics provide external control and visibility.

**Enhancing your book quality**
- Individual sheet folding for better lay-flat of saddle-bound books up to 200 pages.
- ISG cold gluing available for increased strength and improved lay-flat.
- Three-side trimming.
- Square-backed perfect bound books (SB-4 only) with 4-scored covers and wheel side-glue.
- Bar code sheet tracking and auto-reject for guaranteed book page integrity.

**Providing support and customization**
- Highly skilled specialist field engineers.
- Technical support by phone and email.
- First level on-site support from digital printer vendors.
- Large range of special options and added value features.
- Special engineering to customize systems to your specific needs.

**Increasing your up-time**
- Very robust, high quality machine construction for 7 x 24 hr, reliable operation.
- Easy and quick to maintain.
- Focus on operator and maintenance training.

**Smart-binder output**
- Saddle-stitched books up to 10mm (0.4”) thick.
- Saddle-glued books up to 10mm (0.4”) thick – ISG Cold Glue.
- Square-back books made with cold & hot glue up to 60mm (2.36”) thick.

**Sprint-binder output**
- Square-back perfect bound books up to 60mm (2.36”) thick – hot-melt or PUR glue only.
Smart-binder system

The Smart-binder systems are all based upon IBIS’s unique saddle-stitcher which was launched in 2004. Models SB-1 and SB-2 produce wire-stitched books only. Models SB-3 and SB-4 also include ISG cold gluing.

The Smart-binder models SB-4 and SB-5 include an additional perfect binder for thicker 'perfect-bound' book production in addition to saddle-bound books. The SB-4 includes a perfect binder directly after the saddle-stitcher. The SB-5 includes a perfect binder which is separate from the saddle stitcher.

Smart-binder Plus HS
SB-1, SB-2 and SB-3

• For high-quality saddle-bound booklets.
• 'On-the-run’ re-loading of cover sheets.
• SB-3 includes ISG cold gluing module to produce saddle-glued books.
• Upgradable to SB-4 or SB-5.

Smart-binder SB-4 One-stop-shop

The ultimate, flexible book-finishing system

- For saddle-stitched booklets, saddle-bound ISG cold-glued booklets and perfect-bound books made from ISG-glued signatures.
- In-line thick-book trimming.

Sprint-binder (PB600 or PB1200)
Perfect-binder

Sheet input from high speed printer, roll unwinder or sheet feeder

Smart-binder SB-5 One-stop-shop

• For saddle-stitched booklets, saddle-bound ISG cold-glued booklets and conventional Perfect-bound books.
• In line thick-book trimming.

Sprint-binder (PB600 or PB1200)
Perfect-binder
1. In-line Smart-binder fed directly from digital printer and web cutter

2. Near-line Smart-binder fed directly from roll unwinder and web cutter

3. Off-line Smart-binder fed directly from sheet pile feeder
Perfect Binder Products

Sprint-binder PB-600R
600 books/hour
- For use in-line with a digital cut-sheet printer.
- Fully variable book thickness on-the-run.
- Includes option for multiple folders for varying book format sizes on-the-run.

Sprint-binder PB-1200R
1200 books/hour
- For use in-line with a high speed CF web printer and web cutter/stacker book block feeder.

Note: All Sprint-binders provide fully automated book thickness and format changes.
Specifications, Features & Testimonials

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Smart-binder Range (Saddle binding)</th>
<th>Sprint-binder Range (Perfect binding)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SB-1</td>
<td>SB-2</td>
</tr>
<tr>
<td>Max. system speed (cycles/hour)</td>
<td>7,000</td>
<td>14,000</td>
</tr>
<tr>
<td>Max. book thickness</td>
<td>10mm [0.4”]</td>
<td>60mm [2.36”]</td>
</tr>
<tr>
<td>Min. book thickness</td>
<td>4 pages [1 sheets]</td>
<td>2mm [0.08”]</td>
</tr>
<tr>
<td>Max. book size</td>
<td>320 [spine] x 225mm [12.6 x 8.9”]</td>
<td>350 [spine] x 320mm [13.7 x 12.6”]</td>
</tr>
<tr>
<td>Min. book size</td>
<td>97 [spine] x 119mm [3.8 x 4.7”]</td>
<td>150 [spine] x 100mm [5.9 x 3.9”]</td>
</tr>
<tr>
<td>Min. sheet weight</td>
<td>50 grams /square metre (40 grams with extra folder). 34lbs offset [27lbs with extra folder]</td>
<td></td>
</tr>
<tr>
<td>Stitching heads</td>
<td>Max. 4 heads - flat or loop stitch with 12mm [0.47”] crown length. Round section wire 0.4 - 0.6mm [16 - 24 thou] diameter</td>
<td>N/A</td>
</tr>
<tr>
<td>Gluing system</td>
<td>Not available</td>
<td>ISG cold glue</td>
</tr>
<tr>
<td>Trim</td>
<td>Front knife: up to 27mm [1.06”]</td>
<td>Optional Book Trimmer available</td>
</tr>
<tr>
<td>Operator interface</td>
<td>Graphical touch screen with multi-languages for system set-up, operation, and operator feedback.</td>
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Smart-binder features

- In-line connection with highest speed digital printers, or off-line operation from a high speed sheet feeder, or roll unwinder.
- Cover and Insert sheet feeding.
- Bar code tracking of all sheets and auto-rejection of bad books, to ensure integrity.
- Optional ‘dynamic stitching’.
- Book page count variable on the run.
- Three-knife trimming with optional centre-knife.
- Heavy duty construction for 24 x 7 operation.
- Easy-to-use touch-screen controls.
- Complete range of book format sizes.
- Optional sheet dynamic micro-perforation and hole punching.
- Optional sheet buffer for in-line applications.

Customer testimonials

Christoph Hees, Head of Print Centre R+V Insurance, Germany
We first took an IBIS in 2005 as part of a major rebranding exercise. The new IBIS Smart-binder SB-3 ‘Plus HS’ installed in 2014 has enabled us to increase productivity by 30%, and further improve our ability to personalize our insurance policy documents.

Randy Zercher, Digital Print Supervisor, RR Donnelley, USA
We’ve been using our IBIS Saddle-stitcher heavily for the past four years. One recent run produced over 500,000 books with pages ranging between 16 and 128. Each book was variable as every page is different and every book had a different page count. We have now purchased a second IBIS line.

Tommy Morgan, Head Of Operations IOS, Dagenham, London UK (now DST Output)
Our new off-line Smart-binder has already proven to be an effective high-speed saddle-stitcher for our personalized work and is better enabling us to meet our time-sensitive customer commitments for high quality bound documents.

Markus Esser, Esser printSolutions, Germany
We have been pleased with the Smart-binder performance. To expand our digital finishing capabilities IBIS have now installed an additional IBIS Smart-binder (used ‘re-manufactured’), the latest mode ‘Plus HS’, which is fed from a Hunkeler unwinder, web cutter and MBO folder at web speeds up to 180 meters/min.

Steve Ellithorpe, Operations Manager O’Neil Data Systems Inc., Los Angeles
We have years of experience running four IBIS Smart-binders at our LA site. These machines proved to be solid performers and capable of operating at peak production rates over long time periods. We recently installed two additional Smart-binder systems in Plano, Texas which are now operational and contributing well to the effective start-up of this large new production site. We are pleased to have become one of the largest users of IBIS Smart-binders in the USA.

Bill Gaddy, Broadvridge Financial Solutions, New York
Overall our Smart-binders perform well and we will certainly look to IBIS when we require further finishing solutions in future.
Commitment statement

IBIS is committed to offering our customers the highest quality digital 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.

I look forward personally to helping you put into operation a complete and highly-effective book-finishing system which will increase your competitiveness and grow your business.

For further information, don’t hesitate to call me.
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John Cracknell
Managing Director, IBIS Bindery Systems

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