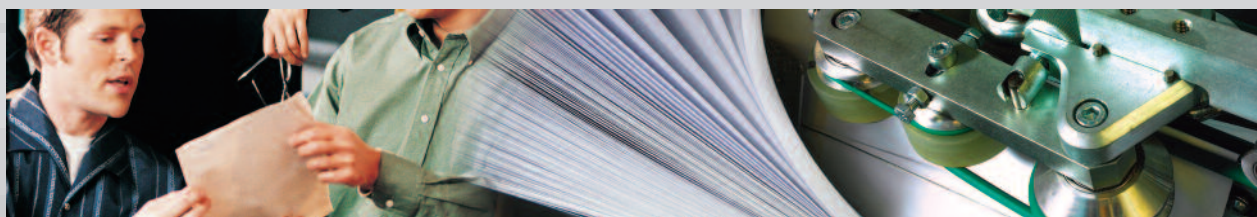




Book finishing systems for digital print



Comprehensive service and support
A commitment to engineering excellence
Worldwide system installations



- UK Head Office (London)
- USA Sales Office (Minneapolis)
- IBIS Installed Products

IBIS Innovation: moving you ahead

www.ibis-bindery.com

IBIS Bindery Systems



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! ”

A handwritten signature in black ink that reads "John Cracknell".

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.

IBIS Head Office
and showroom
High Wycombe, UK





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.



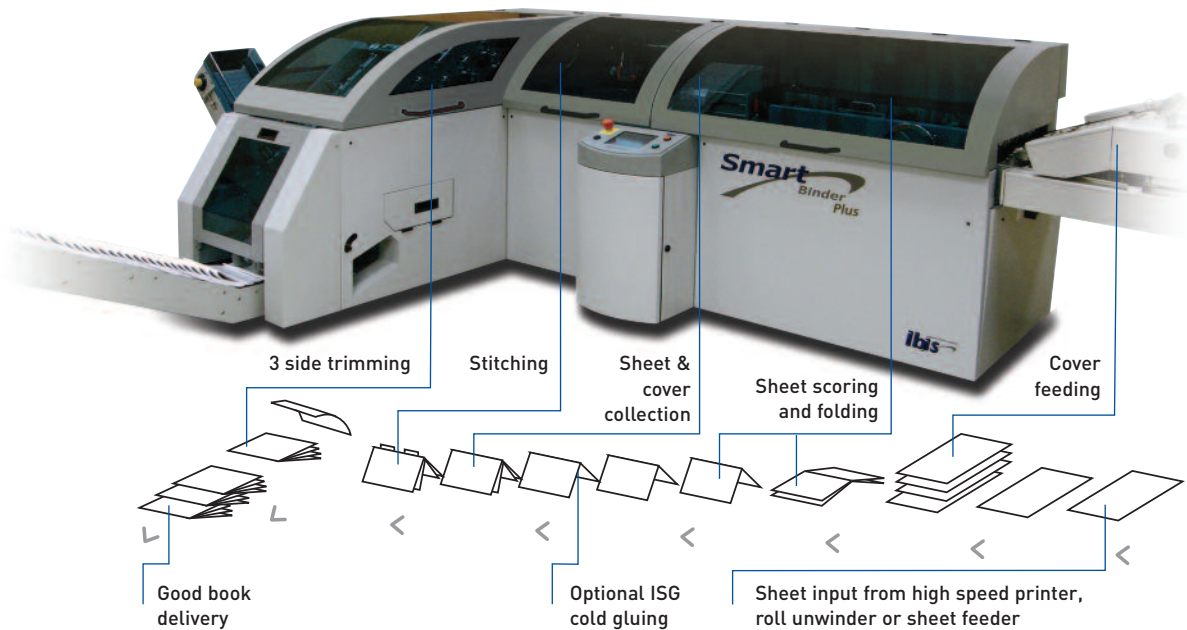
Sprint-binder output



- Square-back perfect bound books up to 60mm (2.36") thick – hot-melt or PUR glue only.



Smart-binder Products



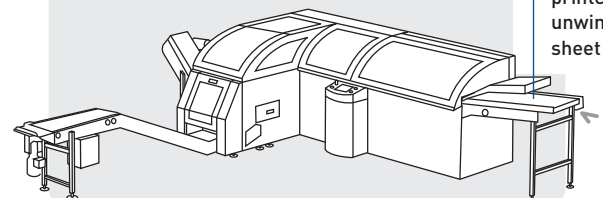
Smart-binder system

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.



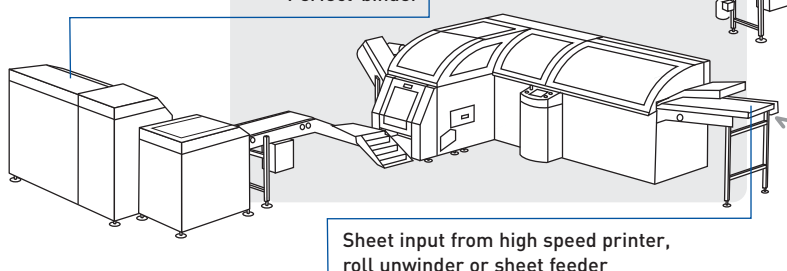
Sheet input from high speed printer, roll unwinder or sheet feeder

Smart-binder SB-4 One-stop-shop

The ultimate, flexible book-finishing system

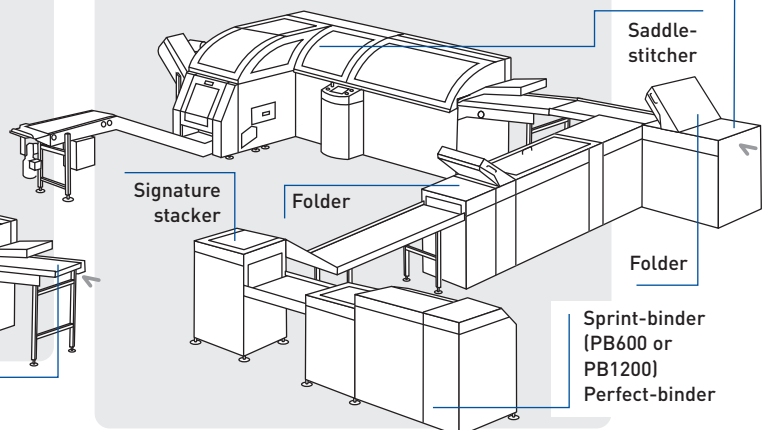
- For saddle-stitched booklets, saddle-bound ISG cold-glued booklets and perfect-bound books made from ISG-glued signatures.
- In-line thick-book trimming.

Sprint-binder (PB600 or PB1200)
Perfect-binder



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.



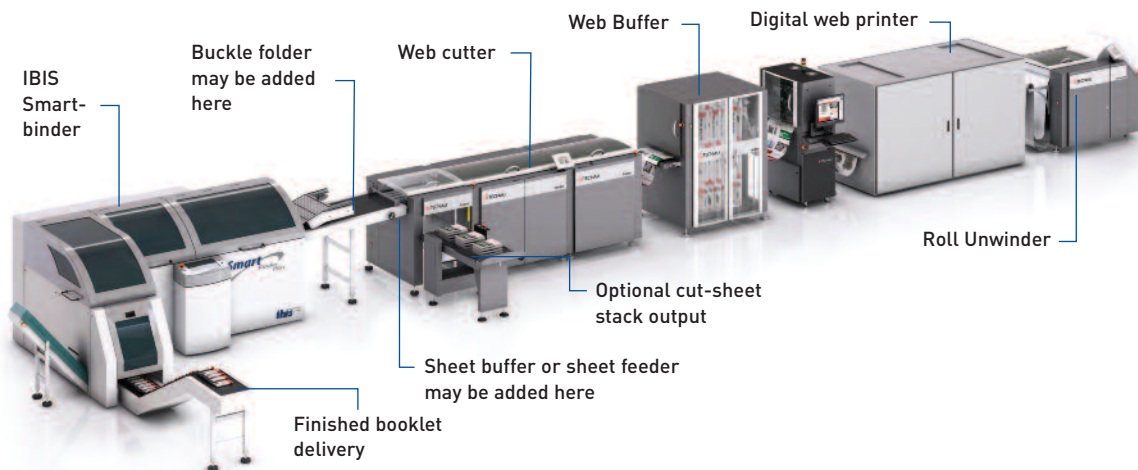
Sheet input from high speed printer, roll unwinder or sheet feeder

Saddle-stitcher

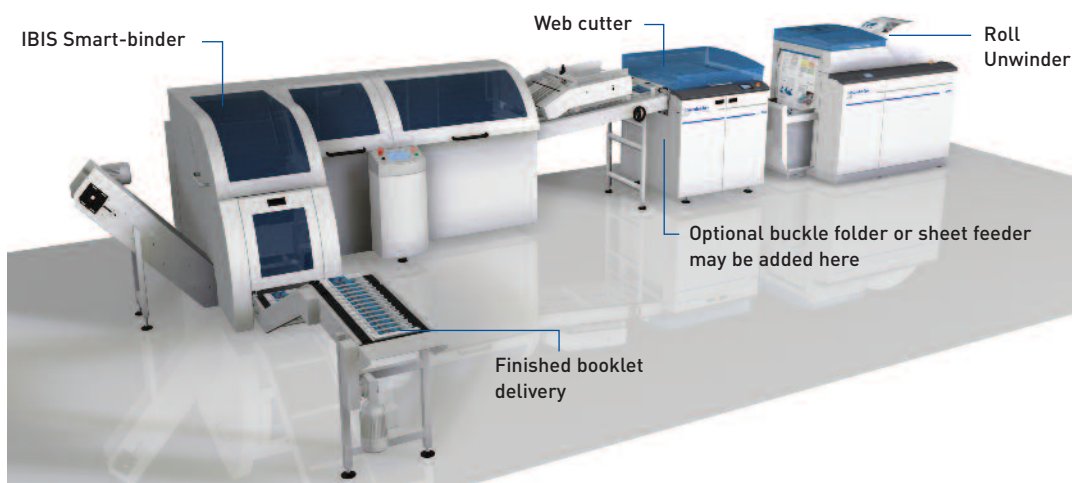
Sprint-binder (PB600 or PB1200)
Perfect-binder

System Configurations

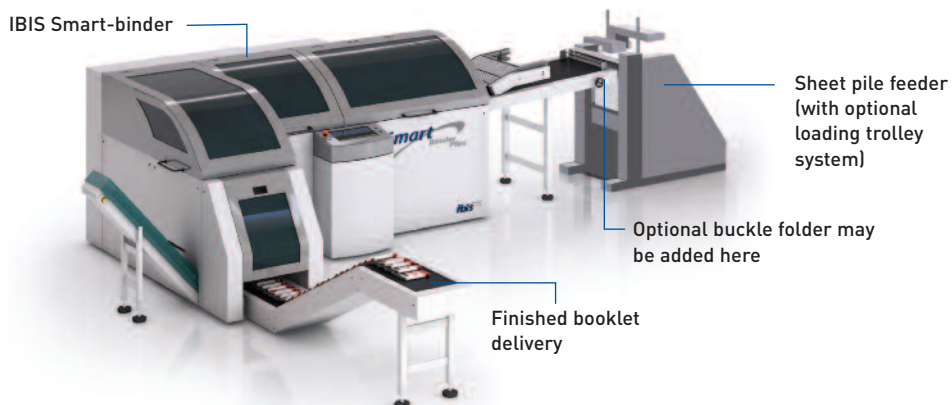
1. In-line Smart-binder fed directly from digital printer and web cutter



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



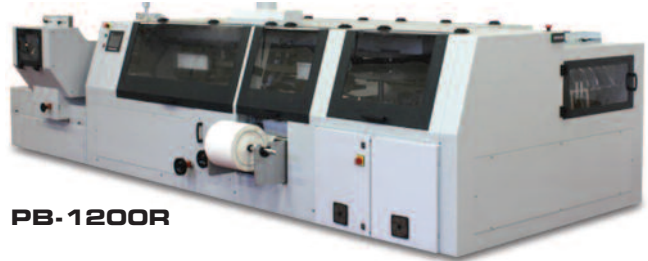
3. Off-line Smart-binder fed directly from sheet pile feeder



Perfect Binder Products



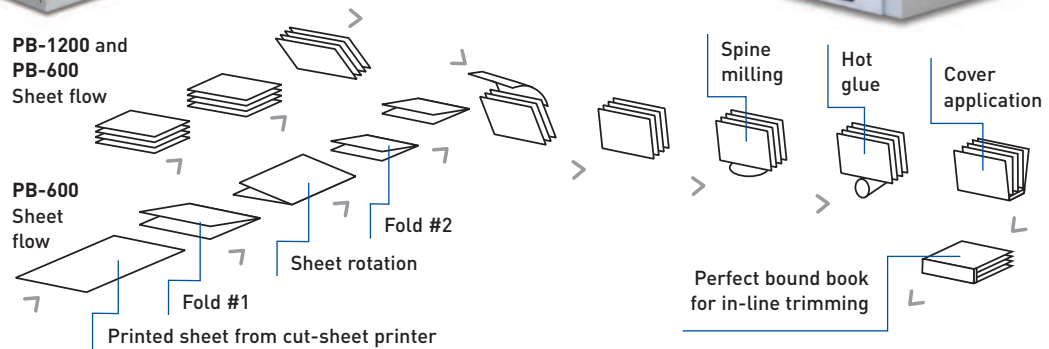
PB-600R



PB-1200R

PB-1200 and
PB-600
Sheet flow

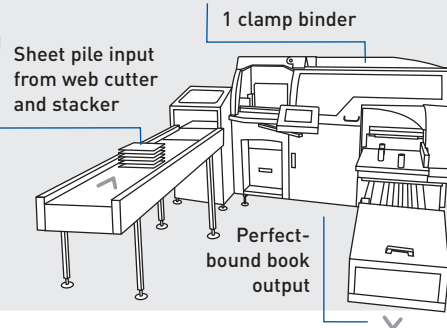
PB-600
Sheet flow



Sprint-binder PB-600R

600 books/hour

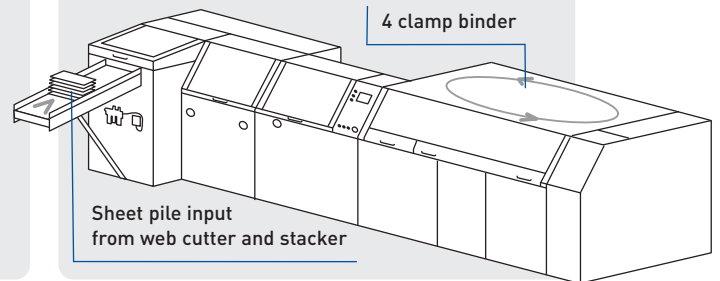
- For use in-line with a medium speed digital CF web printer and web cutter/stacker.



Sprint-binder PB-1200R

1200 books/hour

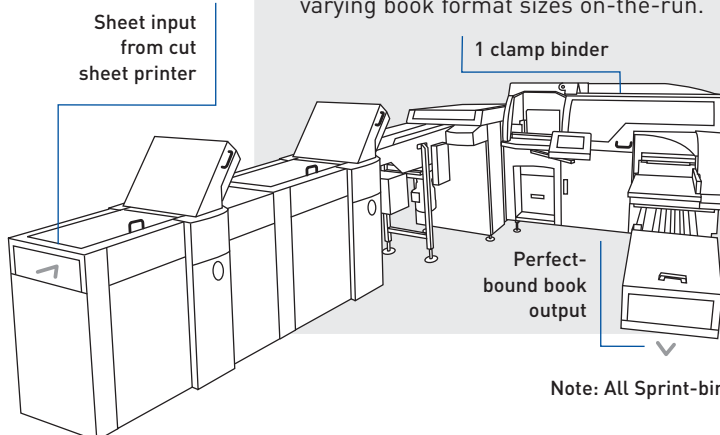
- For use in-line with a high speed CF web printer and web cutter/stacker book block feeder.



Sprint-binder PB-600R

600 books/hour

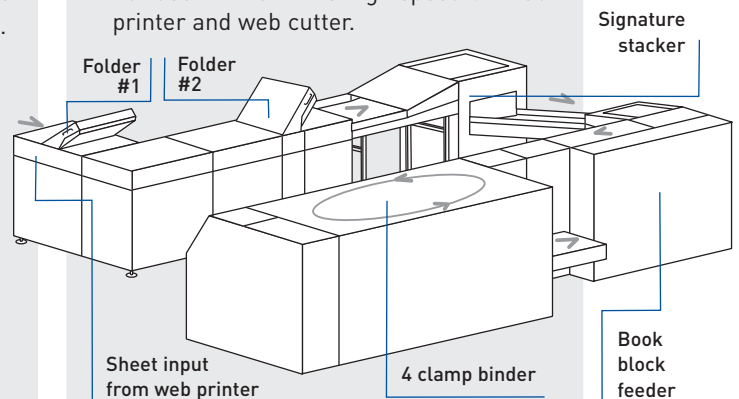
- For use in-line with a digital cut-sheet printer.
- Fully variable book thickness on-the-run.
- Includes option for multiple folders for varying book format sizes on-the-run.



Sprint-binder PB-1200R

1200 books/hour

- For use in-line with a high speed CF web printer and web cutter.



Note: All Sprint-binders provide fully automated book thickness and format changes.

Specifications, Features & Testimonials



Specifications	Smart-binder Range (Saddle binding)				Sprint-binder Range (Perfect binding)		
	SB-1	SB-2	SB-3	SB-4	PB-600R	PB-2000R	PB-2000J
Max. system speed (cycles/hour)	7,000 - Plus HS model 14,000 (with trimmer centre knife)				600	1200	1500
Max. book thickness	10mm (0.4")			60mm (2.36")			50mm (2")
Min. book thickness	4 pages (1 sheets)				2mm (.08")		
Max. book size	320 (spine) x 225mm (12.6 x 8.9")				350 (spine) x 320mm (13.7 x 12.6")		320 (spine) x 280 mm (12.6 x 11")
Min. book size	97 (spine) x 119mm (with centre knife) (3.8 x 4.7")				150 (spine) x 100mm (5.9 x 3.9")		140 (spine) x 120 mm (5.5 x 4.72")
Min. sheet weight	50 grams /square metre (40 grams with extra folder). 34lbs offset (27lbs with extra folder)						
Stitching heads	Max. 4 heads - flat or loop stitch with 12mm (0.47") crown length. Round section wire 0.4 - 0.6mm (16 - 24 thou) diameter				N/A		
Gluing system	Not available		ISG cold glue	ISG cold, + hot melt glue	hot melt EVA or PUR		
Trim	Front knife: up to 27mm (1.06") Side knives: up to 20mm (0.8")				Optional Book Trimmer available		
Operator interface	Graphical touch screen with multi-languages for system set-up, operation, and operator feedback.						

Stretched model Smart-binders	SB-X	SB-W	SB-XW
Max. system speed (cycles/hour)	5,500	7,000	5,500
Max. book size	444 (spine) x 225mm	320 (spine) x 273mm	444 (spine) x 273mm

Smart-binder features

- In-line connection with highest speed digital printers, or off-line operation from a high speed sheet feeder, or roll unwinder.
- Individual sheet folding for optimum book quality.
- 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 2013 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, Broadridge 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.





Integrated Bindery Systems



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.

Phone: +44 1494 561 950, E-mail: John.Cracknell@ibis-bindery.com

John Cracknell
Managing Director, IBIS Bindery Systems

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