



IBIS Smart Binders - Since 1996

IBIS, founded in the United Kingdom in 1999, is a world-leading supplier of high-speed digital book finishing systems. The IBIS Smart Binder 'Plus HS' can produce personalized, variable page-count wire-stitched (SB-2) or cold-glued (SB-3). With nearly 100 machines stateside and hundreds worldwide, these systems are used to produce personalized booklets for schools, health care, insurance, financial, government, and gaming/specialty applications.

IBIS's unique 'ISG cold-gluing' patented process produces a "stitch-less" book which has better lay-flat qualities than a wire-stitched booklet. The majority of Europe uses cold glue due to its higher quality and recyclability.

The ISG cold-glue 'nozzle' applies a row of cold-glue 'dots' (or a continuous glue line) to the inside of each individually folded sheet as it passes through the Smart Binder folder. Sheets are then collected on top of each other (on the saddle) and pressed together tightly when they reach the stitching station (the stitching heads are inhibited when cold gluing, or replaced with a pressing 'anvil').

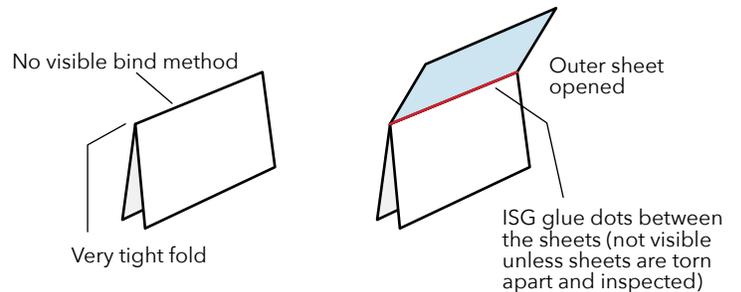
Frequently Asked Questions

- Q Is the IBIS capable of both wire stitched books and ISG cold gluing?**
 - A Yes, Smart Binders have the capabilities of being equipped with both wire stitching and the ISG cold glue system.
- Q Why is cold gluing better for a wide range of booklet thicknesses?**
 - A When cold gluing there is no need for stitch head adjustments. This allows for a better-quality booklet because when stitching the books, going from a higher page count to a much lower page count could result in a "loose" staple.
- Q What is the cold glue makeready like?**
 - A The changeover between stitching and gluing can be automatic (on-the-run) if needed, so that one book could be stitched, the next glued and the one after stitched. To achieve this, you have to have the SDI-100 stitcher drive inhibit option fitted. This would also require an additional digit onto the bar code for glue vs. stitch recognition.
- Q Can we retrofit to add cold glue in the future?**
 - A Yes, the ISG glue system can be retrofitted at a later date.

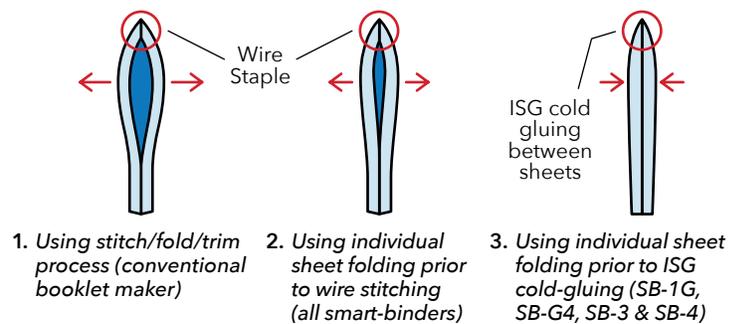
Advantages of ISG Cold Gluing Over Wire Stitching

- ✓ ISG glue gives higher page pull strength on the outer and inner sheets.
- ✓ Results in a tighter fold, particularly on thicker books.
- ✓ ISG gluing process allows for the number of pages in the book to be changed between minimum and maximum on-the-run without any adjustments.
- ✓ ISG gluing allows the book format size to be changed without adjustment (wire stitch heads may have to be moved to a different position when changing book lengths).
- ✓ ISG cold glue costs approximately the same in consumable material costs (on a 'per book' basis) as wire stitches.
- ✓ Allows the booklets to lay flatter when collating into an inserter, which leaves less chance for error.
- ✓ Perceived higher quality
- ✓ The sheets are still individually folded
- ✓ Eco-friendly & child safe

Visual Advantages



Thick-book cross-section comparisons: Wire-stitching vs. ISG cold-gluing



+1.262.522.3330



sales@bestgraphics.net



bestgraphics.net

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