Why buy from IBIS?

Because we will give you real advantage over your competitors by:

Reducing your production costs
- In-line or off-line operation.
- Up to 2440 pages/min throughput (up to 12,000 books/hr output).
- Stitched and glued books up to 60mm (2.36”) thick from the same machine.
- Low running costs.

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.

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.

Providing support and customisation
- 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 customise systems to your specific needs.

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.
### 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.
- Book page count variable on the run (Smart-binder and PB-600).
- Three-knife trimming with optional centre-knife for Smart-binder.
- 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 for Smart-binder.

### Specifications

<table>
<thead>
<tr>
<th>Smart-binder</th>
<th>Model</th>
<th>Max. Input Speed (A4 pages/min)</th>
<th>Wire Stitching</th>
<th>ISG Cold glue</th>
<th>ISG Cold glue &amp; Hot melt glue</th>
<th>Max book thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>For saddle stitched, saddle glued and/or perfect bound books</td>
<td>SB-1</td>
<td>400</td>
<td>✓</td>
<td>x</td>
<td>x</td>
<td>10mm (0.4&quot;)</td>
</tr>
<tr>
<td></td>
<td>SB-1G</td>
<td>400</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>10mm (0.4&quot;)</td>
</tr>
<tr>
<td></td>
<td>SB-1G</td>
<td>400</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>60mm (2.36&quot;)</td>
</tr>
<tr>
<td></td>
<td>SB-2</td>
<td>1200 (or 2400 with extra folder)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>10mm (0.4&quot;)</td>
</tr>
<tr>
<td></td>
<td>SB-3</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>x</td>
<td>10mm (0.4&quot;)</td>
</tr>
<tr>
<td></td>
<td>SB-4</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>60mm (2.36&quot;)</td>
</tr>
<tr>
<td></td>
<td>SB-5</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>60mm (2.36&quot;)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sprint-binder</th>
<th>Model</th>
<th>Throughput</th>
<th>Number of Clamps</th>
<th>Gluing Options</th>
<th>Max book thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>For perfect bound books only</td>
<td>PB-600C</td>
<td>400 pages/min (input)</td>
<td>1</td>
<td>hot melt or PUR</td>
<td>60mm (2.36&quot;)</td>
</tr>
<tr>
<td></td>
<td>PB-600S</td>
<td>400 books/hr</td>
<td>1</td>
<td>hot melt or PUR</td>
<td>60mm (2.36&quot;)</td>
</tr>
<tr>
<td></td>
<td>PB-2000J</td>
<td>1500 book/hr</td>
<td>4</td>
<td>hot melt or PUR</td>
<td>40mm (1.6&quot;)</td>
</tr>
</tbody>
</table>

### Product Range

**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.
- Book page count variable on the run (Smart-binder and PB-600).
- Three-knife trimming with optional centre-knife for Smart-binder.
- 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 for Smart-binder.

**Specifications**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>SB-1</th>
<th>SB-2</th>
<th>SB-3</th>
<th>SB-4</th>
<th>PB-600C</th>
<th>PB-600S</th>
<th>PB-2000J</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. input speed</td>
<td>250 x A4 pages/min</td>
<td>1200 A4 pages/min or 2400 with extra folder</td>
<td>400 pages/min</td>
<td>400 pages/min</td>
<td>2400 pages/min</td>
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<tr>
<td>Off-line sheet feeding speed</td>
<td>62 x A3 sheets/min</td>
<td>300 x A3 sheets/min</td>
<td></td>
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<tr>
<td>Max. output speed (books/hour)</td>
<td>6,000</td>
<td>12,000 (with trimmer centre knife)</td>
<td>400</td>
<td>1500</td>
<td></td>
<td></td>
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<tr>
<td>Max. book thickness</td>
<td>10mm (0.4&quot;)</td>
<td>60mm (2.36&quot;)</td>
<td>40mm (1.57&quot;)</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Min. book thickness</td>
<td>8 pages (2 sheets)</td>
<td>2mm (.08&quot;)</td>
<td></td>
<td></td>
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<tr>
<td>Max. book size</td>
<td>320 (spine) x 225 mm (12.6 x 8.9&quot;)</td>
<td>320 (spine) x 225 mm (12.6 x 8.9&quot;)</td>
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<td></td>
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<tr>
<td>Min. book size</td>
<td>97 (spine) x 119 mm (with centre knife) (3.8 x 4.7&quot;)</td>
<td>210 (spine) x 119 mm (8.3 x 4.7&quot;)</td>
<td>120 (spine) x 140 mm (4.72 x 5.5&quot;)</td>
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<tr>
<td>Min. sheet weight</td>
<td>50 grams /square metre (40 grams with extra folder), 13.4lbs bond (10.6lbs with extra folder)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Stitching heads</td>
<td>Max. 4 heads - flat or loop stitch with 14mm (0.55&quot;) crown length, Round section wire 0.4 – 0.6mm (16 - 24 thou) diameter</td>
<td>N/A</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Gluing system</td>
<td>Not available</td>
<td>ISG cold glue</td>
<td>ISG cold, + hot melt glue</td>
<td>hot melt EVA or PUR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trim</td>
<td>Front knife: up to 27mm (1.06&quot;)</td>
<td>Side knives: up to 20mm (0.8&quot;)</td>
<td>Optional</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maintenance</td>
<td>Minimal maintenance requirements</td>
<td></td>
<td></td>
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<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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<td></td>
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</tbody>
</table>
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 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.

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.