

# IBIS Product Range Summary 230620

1/ Saddle-binding (wire-stitching or saddle cold-glue binding). In-line, near line or off-line operation.

	Model	Max Input Speed	Max Output speed	Binding method (s)	Max book thickness	Cover or insert sheet feeding	Key Features
Saddle-stitching only	Smart-binder <b>SB-2</b> 'PLUS HS'	Up to 450 sheets/min	<b>7,000 booklets/hour</b> (1-up)	<b>Saddle stitching</b> Wire stapling only  (Can be upgraded to include also perfect binding : SB-4 or SB-5, see next page)	10 mm (0.39")	Low pile feeder with optional high pile 'Autoloader' (reload on the run).  More than one feeder may be supplied (cover feeder and insert feeder, or two cover feeders)	<ul style="list-style-type: none"> <li>• Very heavy-duty and high performance.</li> <li>• Individual Sheet and booklet tracking for personalised output</li> <li>• On the run variation in book thickness</li> <li>• Suitable for long production runs/24/7 operation.</li> <li>• Maximum flexibility.</li> <li>• Adaptable for special applications.</li> <li>• Simple and easy-to-use.</li> </ul>
		Up to 130 meters/min web speed					
Saddle-stitching + saddle gluing (ISG)	Smart-binder <b>SB-3</b> 'PLUS HS'	Up to 180 meters/min web speed (with extra buckle-folder)		<b>Saddle-binding</b> Wire-stapling and ISG cold glue binding  (Can be upgraded to include also perfect binding : SB-4 or SB-5, see next page)		Covers uses same folder as sheets.	<p><i>Additional features:</i> Includes also IBIS's patented cold-glue binding process (ISG) in addition to conventional saddle-stitching).</p>

**Note 1:** The lower performance, lower cost Smart-binder model 'SB-1' is available for use in-line with cut sheet printers (max input sheet rate: A3=100 sheets/min A5 = 200 sheets/min).

**Note 2:** Smart-binder model 'SB-X' increases maximum spine length to allow 2-up A5 (or 8 ½ x 5 ½) portrait booklet production.

**Note 3 :** Smart-binder model 'SB-W' increases maximum untrimmed booklet width from 230 to 273mm

## 2/ Perfect binding (hot-glue binding)

	Model	Max Input Speed	Max Output speed	Binding method (s)	Max book thickness	Cover feeding	Key Features
<b>Perfect Binding only fed in-line from digital printer, or roll unwinder . or may be connect to Smart-binder saddle-binder delivery (SB-4 system).</b>	<b>Sprint- binder PB-600B</b>	200 sheets /min	400 books /hour	<b>Perfect binding only</b>  <i>Hot-melt glue (or optional PUR)</i>	60mm	Perfect binder includes integrated cover feeder  Feeds covers from top of pile  Up to 6 cover creases	Runs in-line with cut-sheet printer  Auto-setting  Off-line hand feeding position.  Optional in-line book trimmer  Max book thickness 60mm
	<b>Sprint- binder PB-1500W</b>	Up to 180 meters/ min web speed	1500 books /hour			Perfect binder includes integrated cover feeder  Feeds covers from bottom of pile (allows reload on the run)  Up to 4 cover creases	Runs in-line with high speed web printer or unwinder /web cutter  Very heavy duty construction with 5 clamps  Suitable for 24/7 operation  Optional in-line book trimmer  Max book thickness 70mm

**Note 1:** The perfect binders listed above may also be combined with the Smart-binder SB-1, 2 or 3 to form the Smart-binder **SB-4 or SB-5 systems**. The SB-4 and SB-5 are capable of producing both saddle-bound and perfect bound books.