

SMART-BINDER PRODUCT APPLICATION QUESTIONNAIRE 191216

Before we can produce a detailed Smart-binder quotation we require answers to the following Application Questions:

SMART-BINDER APPLICATION DATA FORM:		<i>(REQUIRED TO BE COMPLETED BEFORE IBIS CAN ISSUE A SMART-BINDER (SB) PROPOSAL)</i>
End-user Company name		Country.....
Completed by		Date of completion.....
		Please complete the boxes below
1	Will the SB be running :	
	a) In-line with a digital printer and web cutter (if so what type of printer and what maximum web speed?)?	Digital printer ? Yes/No. What type?....., What max web speed?.....
	b) Near line from a pre-printed roll unwinder and cutter ?	Near Line ? : Yes/No
	c) Off-line from a sheet pile feeder SB-095 (dedicated off-line operation) ?	Off-line ? : Yes/No
	d) Off-line from sheet pile feeder SB-097 and also from a web cutter (near line or in-line), with quick changeover between the two modes ?	SB-097 feeder needed ? Yes/No
2	What is the planned sheet input rate to the SB (state rate in sheets/min and sheet size) ?	RateSheets/min Sheet size..... A mm x B mm
3	If running in-line with the printer then is the SBS-100 sheet buffer module needed to prevent printer slowdown when making very thin booklets mixed with thicker ones.	Yes/ No
4	If running in-line with a web cutter, then what is the width of the paper web to be used ?	Web width
5	What type of books/booklets need to be produced by the SB ?. Please provide as much information as possible.	Type of booklets to be produced.....
6	What is the maximum, minimum and average format size of the sheets that will be fed into the SB and the required finished book sizes. How often will the machine need to be changed to a different format size?	Max format size Min format size..... Average format size..... Frequency of format change.....times per day

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7	Is the additional in-line cross folder with sheet rotator (model RF100) needed to help produce <u>small</u> book format sizes (avoids the need to use a narrower than normal web width for small formats).?	Yes / No
8	Are throughputs in excess of 1780 pages/min needed ? (an additional in-line cross folder [model F100 or F-101] will be quoted)	Yes / No
9	What is the range of paper stock weights to be used (max/min) ?	Max stock weight..... Min stock weight Optional extra F-100 to be included for paper weights below about 55 gsm ? Yes / No
10	What is the maximum, minimum and average number of pages in the required finished books.	Max number of pages..... Min number of pages..... Average number of pages.....
11	What is the expected maximum booklet thickness? Is the optional trimmer knife clamp needed to reduce spine corner tearing on very thick saddle-bound books (>7mm).	Max booklet thickness..... Optional trimmer clamp needed?.....
12	Will there be a bar-code or 2D Datamatrix code printed on the edge of each sheet so that the SB can control book page integrity? Will the width of the bar code be at least 6mm (barcodes <6mm may require a different reader).	2/5 Interleaf bar code? Yes/No Barcode width.....mm 2D reader needed instead of bar code reader? Yes/No
13	Is a separately-fed cover required for saddle-bound books?	Cover feeder needed? Yes/No
	If so, will this cover be the same format size as the content-sheets?	Cover same size as inside sheets? Yes/No
	Will the covers have individual barcodes (or 2D codes) to match them to specific content pages ? (requires additional optional bar code reader) Is the optional Cover-Feeder Autoloader needed (CAL101) to increase cover pile height form 20mm to 200mm?	Covers have unique individual codes? Yes/No Cover feeder Autoloader needed ? Yes/No
14	Is more than one cover feeder needed ?	2 cover feeders? Yes / No
15	Is it necessary to feed any 'insert' sheets inside the book. If so, in which position in the book? What is the stock weight of the insert sheets?	Insert sheets needed? Yes/No Stock Weightgsm

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16	<p>What will be the range of cover stock weights to be fed?</p> <p>Will the covers ever have cut-outs or windows ?</p> <p>Will the covers ever have gate folds or flaps ?</p>	<p>Max cover stock weightgsm**</p> <p>Min cover stock weightgsm</p> <p>Yes / No</p> <p>Yes / No</p>
17	<p>Is the optional ISG cold gluing system to be supplied (i.e. model SB-3) for glued booklets (saddle glue-binding)?</p>	<p>Yes / No</p>
18	<p>Is the optional hot-melt perfect-binder to be supplied (i.e model SB-4 or SB-5) for glued books up to 60mm thick?</p>	<p>Yes / No</p>
	<p>If so, then will the hot-melt binder be used:</p>	
	<p>a) On its own for hot-melt glued 'perfect bound' books only ... hand-fed</p>	<p>Yes / No</p>
	<p>b) On its own for hot-melt glued 'perfect bound' books only ... fed automatically from a sheet feeder</p>	<p>Yes / No</p>
	<p>c) On its own for hot-melt glued 'perfect bound' books only ... fed directly from a Digital printer</p>	<p>Yes / No</p>
	<p>e) Directly connected to the web cutter/stacker output as part of a system that can produce all book types.. saddle-stitched, saddle glued and perfect bound (model SB-5).</p> <p>f) Directly connected to the Smart-binder SB-3 saddle-binder as part of a system that can produce all book types.. saddle-stitched, saddle glued and perfect bound from ISG cold-glued signatures (model SB-4).</p>	<p>Yes / No</p> <p>Yes / No</p>
	<p>Is the optional 3-side book trimmer needed (for books up to 51mm thick)?</p>	<p>Yes / No</p>
19	<p>If so, then will it be used in-line or off-line from the binder?</p>	<p>In-line or Off-line?</p>
20	<p>Is the factory temperature and humidity controlled ?</p>	<p>Yes / No</p>
21	<p>What are the customer's productivity expectations regarding the quantity of sheets to be processed into books of a known number of pages in certain time periods?.</p>	<p>Productivity expectations</p> <p>.....</p> <p>.....</p> <p>.....</p>
22	<p>Is the Smart-binder standard trim-off waste removal conveyor system to used, or will the trimmer waste be removed by the customer's own extract system?.</p>	<p>Standard waste removal conveyor TWC-100?</p> <p>Yes/No</p> <p>Customer will supply own vacuum extract system?</p> <p>Yes/No</p>

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23	<p>How many standard wire stitching heads are needed ?</p> <p>How many 'loop stitch' wire stitching heads are needed ?</p> <p>Is it required to produce booklets which are thicker than 7mm</p>	<p>Number of normal stitch heads needed (normally 2)</p> <p>Number of <u>loop</u> stitch heads needed.....</p> <p>Booklets thicker than 7mm? Yes/No</p>
24	<p>Is the optional trimmer centre knife needed (for small format saddle-bound books) ?</p>	<p>Yes / No</p>
	<p>If so, what centre trim-out size is required (0mm, 6.35mm, 9.5mm or other?)</p>	<p>0mm, 6.35mm, 9mm or other?</p>
25	<p>What is the customer's factory 3-phase supply voltage (this defines whether a voltage transformer is needed or not)?</p>	<p>..... Volts, 3 phase</p>
26	<p>Other options to be supplied?:</p> <p style="text-align: right;">sheet perforation</p> <p style="text-align: right;">hole punching</p> <p style="text-align: right;">booklet stacking</p> <p>other (please specify)</p>	<p>Yes / No</p> <p>Yes / No</p> <p>Yes / No</p> <p>.....</p>
27	<p>Are there any other special application requirements that we should know about in advance and which may require special machine modifications?</p>	<p>Other special requirements</p> <p>.....</p> <p>.....</p> <p>.....</p>

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