

COMPETITIVE COMPARISON

IBIS Smart-binder benefits compared with conventional Stitch/fold/trim booklet makers such as those manufactured by Horizon, CP Bourg, Watkiss and Duplo

Very heavy duty and robust construction. The Smart-binder is much more durable and more suitable for long continuous production runs (including 7 x 24 operation) where time cannot be lost due to machine breakdowns. Stitch/fold/trim booklet makers are not suited for in-line connection to high-speed CF (web) digital printers because of the risk of failure and resulting lost printing time.

Improved fold quality. The individual sheet folding used by the Smart-binder gives much better fold quality compared with Stitch/fold/trim booklet-makers, which must fold all the sheets in the book together.

Thicker books. Stitch/fold/trim booklet-makers are limited to a maximum of about 20 x 4-page sheets (80 pages). The individual sheet folding used by the Smart-binder enables it to produce books with up to 200 pages (50 x 4-page sheets).

Improved stitch quality. The saddle-stitching process used on the Smart-binder means that the wire staples can easily be placed exactly in the spine of the book (because the book sits naturally on the saddle). With a Stitch/Fold/Trim Booklet-maker the sheets are stitched before folding whilst open and flat, so the staples are often not exactly on the fold.

Improved trim quality. Most Stitch/fold/trim booklet-makers have only a front knife. The side knives used on the Smart-binder ensure a much better quality side finish to the books. This is particularly important when running thicker books.

Speed. Stitch/fold/trim booklet-makers are limited to about 3,000 x A4 books per hour. The Smart-binder has a maximum speed of 6,000 books/hour. This is particularly important when running in-line with a high-speed digital printer because a Stitch/fold/trim booklet-maker cannot run fast enough to keep up with the printer when producing thin books.

Variable page extents. The Smart-binder can vary number of pages “on the run” (without stopping). This feature is essential when making personalised books. Stitch/fold/trim booklet makers vary in their ability to change book thickness on the run.

Page sequence security. The Smart-binder ensures correct page sequence by reading a bar -code printed on the edge of each sheet (removed by the trimmer front knife). Stitch/fold/trim Booklet-makers often use only a print mark on the last sheet, which risks other sheets being missing or out of sequence.

ISG cold-gluing option. The Smart-binder may be fitted with IBIS’s unique ISG gluing system. ISG glued books are higher quality than wire stitched books. This feature is not available on Stitch/fold/trim Booklet-makers.