

BPM

BOURG PREPARATION MODULE

IN-LINE / OFF-LINE / NEAR-LINE / DUAL-MODE



Overview

The Bourg Preparation Module (BPM) is a fully automated, modular and scalable sheet preparation unit that vastly simplifies the creation of perfect bound and stitched books and booklets. With a BPM connected to an In-Line Bourg binder or booklet maker, finished books and booklets of many different sizes can be produced with no operator intervention.

The BPM works In-Line with select digital printers and presses, as well as Off-Line, or in Dual-Mode connected to a Bourg Sheet Feeder (BSF).

The innovative BPM opens the way to significant economies of scale with its unique use of one paper size for any book format. Sheets are converted from large to small formats in one pass, enabling multiple book or booklet formats from media of a single size. Single-pass conversion also makes it possible to print on large sheets with multi-up imposition, which reduces click charges.

Fully automated sheet preparation reduces the manual workload, while maximizing productivity and optimizing quality. Ultimately, printers can deliver higher-quality, more cost-effective books and booklets in shorter turnaround times.



- 1 Automatically transforms SRA3 input to A5 books and booklets
- 2 Single-pass production of creative book formats
- 3 Increased reliability and full integrity check with optional barcode system
- 4 Fully supports JDF and XML workflows
- 5 Dynamic creasing of sheets with very high position precision
- 6 Reduced use of post-processing guillotine trim
- 7 On-the-fly waste removal for continuous production
- 8 Increase output speed of your current/future C.P. Bourg print finishing solution
- 9 Compatible with all C.P. Bourg booklet making products and BB3x02 binding products





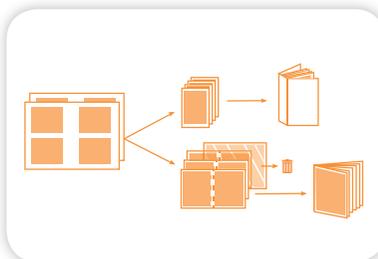
Key benefits

STREAMLINED WORKFLOW

The BPM eliminates or reduces many time-consuming processes, such as preparing media in multiple sizes, manually setting up machines, and trimming finished jobs. The fully automated process maximizes productivity, frees operators for other tasks, and minimizes the risk of human error.

The BPM is exceptionally versatile and easy-to-use:

- 1 The operator simply loads a single-sized media into the printer/press and completes the process by unloading the finished books or booklets. Everything else is done automatically.
- 2 Jobs are automatically converted from very large formats of up to 600 x 370 mm (23.6 x 14.6 in), to very small formats down to 139 x 120 mm (5.5 x 4.7 in) in a single pass.
- 3 Multiple media types for covers, inside pages and inserts, can be processed together.
- 4 The processed sheets can be fed directly from the BPM into a downstream C.P. Bourg BB3202 Perfect Binder or BM-e Booklet Maker.



HIGH-QUALITY RESULTS

With its innovative bleed trimming system the BPM cuts paper on all four edges, and trims symmetrically or asymmetrically from 4 to 100 mm (from 0.16 to 3.94 in) of coated or uncoated sheets. This way you can produce all creative formats.

Advanced servo-motor scoring cylinder technology creases sheets on the fly with very high position precision, while the highest quality knife creasing gives the best results without damaging the printed surface.



MODULAR, SCALABLE SOLUTION

The BPM grows with your business. It uniquely integrates with your current and future workflow to maximize your asset utilization. You can start with one BPM to do 1-up and 2-up jobs and later, invest in a second BPM to do 4UP jobs.



Interested? Contact your local distributor via: cpbourg.com/distributors



Examples of configurations



Booklet-making



Perfect-binding