

# C.P. Bourg® BB3202 Perfect Binder

Fully Automated, Inline Perfect Binder with PUR-C or EVA Adhesive

The BB3202 Perfect Binder is C.P. Bourg's next-generation, fully automated, inline perfect binder. An exclusive Xerox® offering, the inline BB3202 can use PUR (Polyurethane Reactive) adhesive or EVA (Ethylene Vinyl Acetate) adhesive to produce state-of-the-art, on-demand books. The binder is capable of automatically adapting to the thickness of each job, up to a maximum thickness of 60 mm (2.36 in.). This flexible, single clamp perfect binder includes a touchscreen interface for easy operation and adjustments.

The BB3202 consists of the following modules:

- **C.P. Bourg Book Compiler (BBC)**—compiles sheets or single-fold signature booklets coming from the printer and transfers the stack into the BB3002 Perfect Binder

The Book Compiler (BBC) module has two functional areas:

- Compiler section—receives individual sheets
- Transfer section—moves blocks of sheets from the Compiler to the Perfect Binder clamp

- **C.P. Bourg BB3002 Perfect Binder**—output can be routed to either an optional receiving conveyor or inline post-processing device



## Key Features

- Supports cover sheets of 80–300 gsm coated or uncoated, and inner sheets of 60–200 gsm coated or uncoated
- Automatically adapts all features to the thickness of each job and processes each book most productively—no pre-measurements required. Book thickness is automatically recorded during the loading process.
- Delivers highest quality of creasing with up to 13 positive or negative creases
- Unique knife-creasing technology provides greater flexibility and superior results compared to wheel-scoring binders
- Power-milling wheel with notching ensures deep glue penetration for maximum cover adhesion
- Allows creation of winged book jackets
- Works with PUR-C or EVA adhesives:
  - PUR adhesive is delivered through the Nordson® Compact Melter (2–4 kg of glue capacity); PUR adhesives cure through a chemical reaction with ambient oxygen and humidity
  - EVA adhesives are hot-melt glues, applied hot (190° C) and cure through the cooling process
- Can be operated offline for immediate production needs without interrupting inline job setups or to accommodate book blocks produced with other workflows
  - Optional Bourg Book Reception (BBR) catches finished books as they exit the delivery conveyor
  - Optional barcode system incorporates both book content and cover sensors to ensure accurate cover-to-content matching, job integrity check and automatic communication with CMT trimmers
  - Optional Xerox® Dual Mode Sheet Feeder (BSFEx)—inline convenience and offline flexibility
  - Optional C.P. Bourg Perforate/Rotate/Fold (BPRF) module—micro perforates, rotates and folds sheets inline
  - Optional Challenge CMT-330 or 130 Trimmers—3-sided trimming inline

# C.P. Bourg® BB3202 Perfect Binder

## Customer Challenges

Shorter turnaround times, smaller job runs and tightening budgets are forcing even the best print shops to do more with less equipment, floor space and staff. Meanwhile, there's no shortage of customer demand for quality finished products.

- Manually intensive workflows or equipment require multiple touchpoints to produce the desired output or make changes to job setups
- Time consuming processes prevent shops from maximizing efficiency and bringing in more business
- Bind quality does not meet shop or customer requirements for strength or durability

## How Xerox Can Help

The C.P. Bourg BB3202 Perfect Binder can help commercial and in-plant print shops with their book, manual, catalog or photo book needs. Books can be printed on demand and runs of one can be easily processed, making it possible, for example, to print photo books for different customers one after the other. The Bourg BB3202 is ideal for longer runs as well.

- Fully automated binder boosts productivity by automatically adapting to thickness, enabling processing of jobs of varying lengths
- User-friendly Graphical User Interface (GUI) allows all functions to be controlled via a 12" color touchscreen
- Reduced setup time allows for a peak speed of 300 cycles per hour
- Superior milling and de-fibering ensures deep glue penetration for maximum cover adhesion

## Media

<b>Media Weight (Inner sheets)</b>	60 to 200 gsm (coated or uncoated); no tabs or plastic
<b>Media Weight (Covers)</b>	80 to 300 gsm (coated or uncoated, 20–110 lb Cover)
<b>Media Size (Covers)</b>	Minimum: 8" x 4" (201 mm x 100 mm) Maximum: 29.5" x 15.1" (750 mm x 385 mm)
<b>Media Size (Contents)</b>	Minimum: 201 mm x 140 mm (7.91" x 5.5") Maximum: 660 mm x 364 mm (26" x 14.33")
<b>Input</b>	200 sheets per minute maximum (8.5" x 11"/A4)
<b>Book Height (With Cover)</b>	5.5" to 12.6" (139 mm to 320 mm)
<b>Book Length (With Cover)</b>	7.7" to 14.33" (195 mm to 364 mm)
<b>Book Thickness</b>	0.04" to 2.36" (1 mm to 60 mm)
<b>Cycle Time</b>	12–32 seconds per book

Media Sizes subject to individual printer media specifications. Media dimensions may vary for offline configurations.

## Dimensions

	BB3202	BBC
<b>Length</b>	79.5" (202 cm)	59" (150 cm)
<b>Width</b>	94.4" (240 cm) (with BBR conveyor)	33.4" (85 cm)
<b>Height</b>	59" (150 cm)	57" (145 cm)
<b>Weight (dry)</b>	1,411 lb (640 kg)	661 lb (300 kg)

Please consult the Xerox® Solutions Planning Guide for specifications on optional components.

## Electrical Requirements

Power Required	
<b>U.S.</b>	220/240 V, 60 Hz 3-phase delta, 12 A
<b>Europe</b>	220/230 or 240 V, 50 Hz 3-phase delta, 12A 380/400 or 415 V, 50 Hz

Additional power requirements for dust collector and PUR Melter

## Why Choose Xerox?

C.P. Bourg and Xerox have a significant partnership. Our solutions are integrated to provide value to the market with advances and efficiencies for perfect binding.

For more information on the C.P. Bourg® BB3202 Perfect Binder, please contact your Xerox representative, call 1-800-ASK-XEROX or visit us online at [www.xerox.com](http://www.xerox.com).

