

#### BOOK SIZE

MAX 320 mm x 385 mm (spine)  
12 1/2" x 15 1/8"  
MIN Padding mode: 90 mm x 75 mm  
(spine) - 3 1/2" x 3"  
Perfect bind mode with BBR  
reception: 100 mm x 100 mm -  
4" x 4"  
Perfect bind mode without BBR  
reception: 140 mm x 210 mm  
(spine) - 5 1/2" x 8.3"

#### BOOK THICKNESS

MAX 45 mm - 1.8" +/- 450 sheets  
(80 gsm or 20 lb)  
MIN 2 sheets 80 gsm or 20 lb  
(theoretical - with very thin cover)

#### COVER SIZE

MAX 685 mm x 385 mm 27" x 15 1/8"  
MIN 200 mm x 100 mm or 8" x 4"

#### COVER WEIGHT

80-250 gsm  
20-110 lb  
(may require creasing)

#### COVER PILE HEIGHT

60 mm - 2.35"

#### TEMPERATURE

MAX GLUING TEMPERATURE 165°C  
MIN GLUING TEMPERATURE 140°C  
SENSITIVITY +/- 2°C

#### MAX. CYCLES / HR

Up to 500 books  
(operator dependent and based  
on A4 size or 8.5" x 11" /  
1 cm or 3/8" books)

#### ELECTRICAL RATINGS

POWER REQUIRED  
- 208/220 V, 60Hz,  
3 phases triangle  
- 220/230 or 240 V, 50 Hz, 3  
phases triangle  
- 380/400 or 415V, 50 Hz, 3  
phases star with neutral

POWER CONSUMPTION 3 Kw

#### NOISE LEVEL

76 dB (A) at operator position

#### RADIANT HEAT

10236 BTU/h

#### DIMENSIONS

LENGTH 1880 mm - 74"  
WIDTH 1090 mm - 43"  
HEIGHT 1040 mm - 41"  
WEIGHT 400 kg/880 lbs

Production rates subject to environmental conditions, operator ability and quality of stock.  
As a consequence of our policy of continuous improvement, specifications are subject to change without notice.

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 **c.p. bourg**



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Bourg is a registered trademark of C.P. Bourg,  
Inc. and C.P. Bourg S.A. Patents pending.

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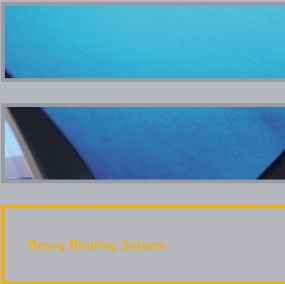
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**BB<sub>3001</sub>**

Bourg Binder 3001

BOURG BINDING SYSTEM

 **c.p. bourg**



Bourg Binding System

## BOURG BINDER BB3001

Maximum quality and high speed production



The Bourg Binder BB3001 is the industry's most efficient single-clamp perfect binder designed to produce documents from either flat sheets or signatures. Its unique features ensure consistent high quality and productivity. The BB3001 binder's unique design makes it the safest and most operator friendly binder on the market.

One of the many features of the BB3001 is the Bourg Automatic Speed Optimization program. This feature automatically adjusts the speed of the carriage in relationship to the thickness of the book. Varying the speed allows intensified spine preparation for thin books. The result maximizes productivity (up to 500 cycles / hour) while ensuring a quality bind. If you need to bind a difficult stock such as coated paper, a fixed speed is available at the touch of a button. This directs the machine to run at a single speed allowing for intense spine preparation even if the book is thin – again ensuring maximum quality.

## FEATURES →

- Very powerful milling unit is capable of milling up to 2.5 mm from spine and / or notching the spine for deep glue penetration, when needed. Powerful vacuum removes dust and spine shavings into disposable bags.
- Toolless changeover for production of books from 75 x 90 mm to 320 x 385 mm, and from 2 sheets to 45mm in thickness. Perfect bind: from 100 x 100 mm to 385 (spine) x 320 mm. Padding mode: from 75 (spine) x 90 mm 385 (spine) x 320 mm.
- Push button selection of accessories required for gluing, cover clamp... all electronically controlled.
- Automatic vacuum-feed cover station with "miss" detection and 60 mm pile height. Provides tool-free size adjustment. Powerful suction feeder even lifts covers with cut outs, varnish or plastic coatings.
- Dual Heating Process with separate heating of glue tank and drum applicator helps to ensure optimum glue viscosity and long glue life.
- Single-operator efficiency is provided through easy-to-use micro-processor controls.
- Powerful nipping action adjustable to assure precise, consistently square spines with virtually any cover stock.
- Exclusive Variglu System has automatic speed adjustment that compensates for book thickness and eliminates glue beads at ends of spine.
- Safety through a unique shielded design for greater worker protection.
- **Glue Tank:** Equipped with dual drum to provide optimal book gluing quality. Drum one is reduced in diameter to increase glue penetration into the spine of the books. Second larger drum is developed to apply a smooth even film ensuring consistent quality binding every time.
- **Wastebag full Detection:** This feature alerts operator when waste bag is full and needs to be replaced. This system ensures the BB3001 provides the best quality binding because the glue tank is never contaminated from paper pulp, dust, or shavings.
- **Auto Adjust:** This new feature automatically adjusts the carriage and clamping stations to register the cover exactly regardless of page count/book thickness.
- **LCD User Interface:** This function allows you to program the BB3001 for the following options: glue length control, cover position, and dust bag full. It also gives you milling selection, reduced carriage speed and glue over temperature.
- **BBR:** Motorized reception, vertical stacker.

