

# Perfect Binder

BB3002 EVA

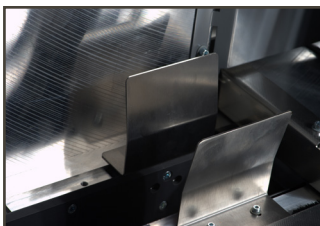
## BOURG BINDER 3002 EVA

The BB3002 is designed to create state of the art perfect bound books while being user-friendly. All adjustments can be done through the touchscreen interface (GUI) to optimize productivity. Reduced set up time allows for a peak speed of 600 cycles per hour. 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 offers users minimal loss of productivity when processing different jobs and is ideal for On-Demand applications.

The BB3002 incorporates the highest quality creasing with up to 13 positive or negative creases. The BB3002 utilizes a creasing form technology which offers greater flexibility and superior results compared to competing wheel scoring binders.



| FEATURES  | ADVANTAGES  | BENEFITS  |
|---|---|---|
| <b>Wide range of book thickness</b> <sup>1</sup>              | - Binds from 1 to 60 mm (0.04 in to 2.36 in)  | - No pre-measurements required<br>- Book thickness is automatically recorded during the loading process                       |
| <b>Fully automated binder</b>                                 | - Adapting all features automatically to the thickness of each job  | - Ideal for variable data jobs varying in thickness and on-demand jobs<br>- All functionalities can be controlled via the GUI |
| <b>Connectability</b>   | - Challenge Machinery Trimmer 330 and 130 series<br>- Bourg Book Reception module   | - Connectable to a trimmer In-Line, Near-Line or even Off-Line  |
| <b>Graphical User Interface (GUI) (optional)</b> <sup>2</sup> | - User-friendly industrial grade color touch screen<br>- Single GUI for entire finishing line can be connected wirelessly to any tablet, smartphone or computer | - Easy to use interface<br>- Control your entire finishing remotely<br>- Remote diagnostics, statistics and much more         |
| <b>Superior milling and notching</b> <sup>3</sup>             | - Power milling wheel with defibering for EVA applications  | - Ensures deep glue penetration for maximum cover adhesion  |
| <b>3 cylinder glue tank</b> <sup>4</sup>                      | - 1st cylinder penetrates between sheets<br>- 2nd cylinder applies desired spine glue quantity<br>- 3rd cylinder guarantees perfect glue repartition            | - Superior EVA spine gluing for premier book binding  |
| <b>Incorporated side gluing</b>                               | - Adjustable side gluing  | - Superior EVA side gluing for premier book binding   |
| <b>Knife creasing</b>   | - Up to 13 positive/negative cover creases  | - Highest quality creasing<br>- Able to create winged books   |
| <b>Automatic barcode scanning (page 21)</b> <sup>5</sup>      | - Each book block and cover will be scanned in order to guarantee book integrity<br>- No setup required   | - Each job is checked in order to avoid reprints, also records each job for job tracking<br>- No manual job setup             |
| <b>Safety barrier</b> <sup>5</sup>                            | - Optical sensors guarantee operator safety while loading<br>- Jobs are automatically processed when removing hands from loading area                           | - Increases productivity and ease of operation while guaranteeing operator safety   |



1



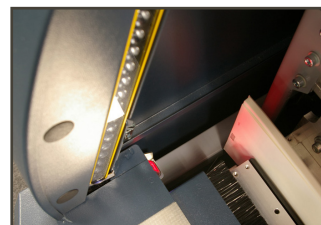
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3



4



5

### TECHNICAL SPECIFICATIONS

| MEDIA                        |                                |
|------------------------------|--------------------------------|
| Cover                        |                                |
| Minimum size                 | 100 x 201 mm<br>3.9 x 7.9 in   |
| Maximum size                 | 385 x 700 mm<br>15.2 x 27.6 in |
| Weight                       | 80 to 300 gsm                  |
| Content                      |                                |
| Minimum size perfect binding | 100 x 100 mm<br>3.9 x 3.9 in   |
| Maximum size perfect binding | 385 x 320 mm<br>15.2 x 12.6 in |
| Thickness perfect binding    | 1 to 60 mm<br>0.04 to 2.4 in   |
| Minimum size padding         | 60 x 90 mm<br>2.4 x 3.5 in     |
| Maximum size padding         | 385 x 320 mm<br>15.2 x 12.6 in |
| Thickness padding            | 1 to 60 mm<br>0.04 to 2.4 in   |
| Weight                       | 60 to 160 gsm                  |

| PHYSICAL               |   |
|------------------------|---|
| Dimensions             | 202 x 241 x 150 cm<br>79.5 x 94.9 x 59.0 in |
| Weight                 | 650 kg<br>1,450 lbs                         |
| Maximum speed          | 550 cycles/hour<br>300 books/hour           |
| Glue temperature       | 130 to 180 °C                               |
| Cover station capacity | 80 mm<br>3.2 in                             |
| BBR capacity           | 700 mm<br>27.6 in                           |

| ELECTRICAL / ACOUSTIC |  |
|-----------------------|--|
| Power supply          | 230V ±10%, 60Hz, 3 phase delta, 12A<br>230V ±10%, 50Hz, 3 phase delta 12A<br>400V ±10%, 50Hz, 3 phase star, no neutral needed, 12A |
| Operational mode      |  |
| Power consumption     | 4,000 W  |
| Radiant heat          | 13,700 BTU/hour  |
| Sound level           | 75 dB  |
| Standby mode          |  |
| Power consumption     | 1,500 W  |
| Radiant heat          | 5,100 BTU/hour   |

### POPULAR CONFIGURATIONS

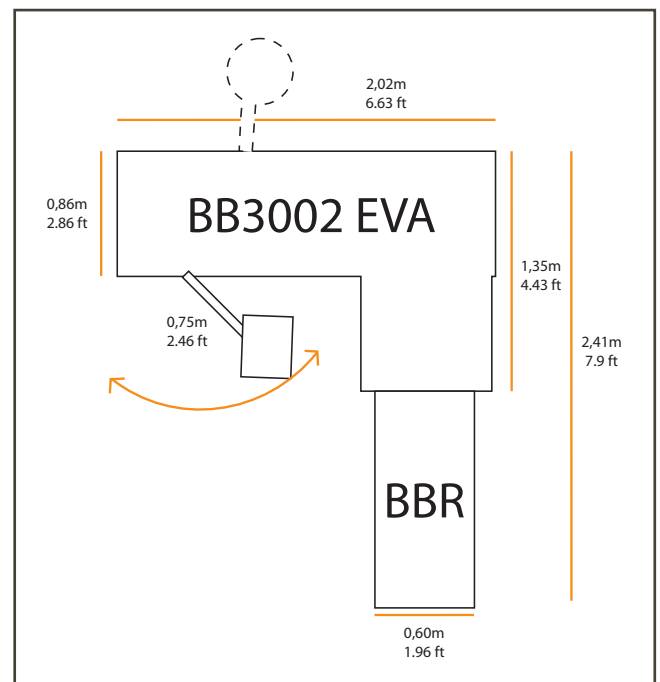
BB3002 EVA



BB3002 EVA + CMT 330



### DIMENSIONS



### MEDIA SIZE

