



c.p. bourg®

The Print Finishing Experts

OUTPUT

Max. speed 1200 cycles/h

CLAMPS

Number 4
Opening and closing Pneumatic
Clamp return Central

BINDING

Book block height 145-420 mm (5.7 – 16.5 in)
Book block width 120-300 mm (3.9 – 11.8 in)
Book block weight 2-45 mm (0.8 – 1.8 in)

COVER

Cover width 250-710 mm (9.8 - 28 in)
Cover height 145-420 mm (5.7 – 16.5 in)
Cover weight 120 – 300 gsm

MILLER

Milling depth 0-3 mm (0 – 0.12 in)

HOTMELT GLUING SYSTEM

Two rollers for spine application
Height-adjustable, counter-rotating spinner roller
Glue temperature Adjustable up to 210°C (410°F)
Disk-type side gluer Integrated in spine gluing system
Electronically controlled start/stop for spine gluing
Electronically controlled start/stop for side gluing

COVER PRESSING STATION

Automatic during production
Stops for precise cover alignment
Variable pressing time
Conveyor belt for positioning cover

COVER FEEDER

Vertical
By suction from below
With 4-way scoring
Pile height 200 mm (7.9 in)

CENTRAL TOUCHSCREEN

Error indication
Production information
Preheating timing
Copy counter
Manual format changing using handwheels with scale

DELIVERY

Belt delivery with catch container
Height 750 mm (29.5 in), diameter 1.3 m (51.2 in)

POWER SUPPLY (EUROPE)

400V, 50 Hz, 3 phases + N +PE / 16A (20A), 9.0 kVA

POWER SUPPLY (USA)

220V, 60 Hz, 3 phases + PE / 25A (25A), 7.6 kVA

COMPRESSED AIR SUPPLY

6 bars
510 l/min (free of oil and water)

MACHINE DIMENSIONS

With delivery belt 2.375 x 1.1 x 1.35 m
(length x width x height) (93.5 x 43.3 x 53.15 in)
Width with raised hood 2.6 m (102.35 in)
Height with raised hood 2m (78.75 in)
Control cabinet 1.3 x 0.45 x 1.12 m
(length x width x height) (51.2 x 17.7 x 44 in)
Weight 1.600 kg (3.520 lb)



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.

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

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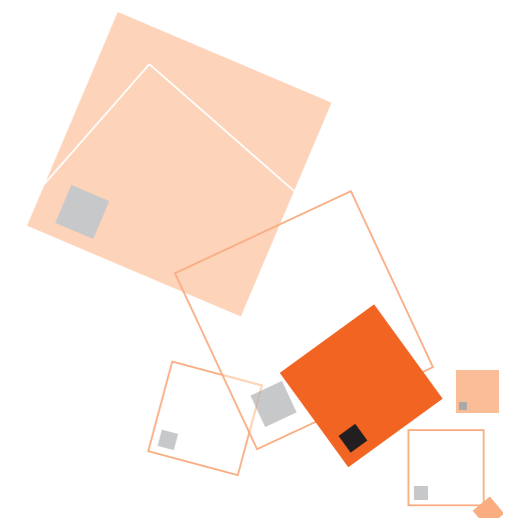
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BB 4040



Bourg Binder 4040

The professional 4-clamp adhesive binder for making booklets from flat sheets and signatures. The binder BB4040 delivers convincing benefits : simple operation, extensive features, fast makeready and a space-saving footprint. It takes only a few minutes to set it by hand to a new format. The Binder BB4040 runs discontinuously, which gives the operator greater flexibility for varying the pressing time to suit the product, for example. The result : you can consistently count on top-quality adhesive binding with the BB4040.

In combination with efficient suctioning to remove paper dust and residues, this ensures optimum spine preparation. Glue is applied by two rollers, a height-adjustable counter-rotating spinner roller and a driven disk-type side gluing unit. The starting and ending points can be exactly set as required for gluing both the spine and the sides. A vertical cover feeder permits non-stop operation :



The Binder BB4040 is just right for single and double-shift operation in print shops and binderies with average editions sizes of about 2.000 copies. To facilitate operation, it is equipped with a central touchscreen. The functions of milling, roughing and notching are integrated in a single tool.

it can be reloaded on-the-fly without having to halt the machine. The belt conveyor terminates in a four-way stacker. This lets the adhesive binder be easily operated by a single person.



BB4040 + three knife trimmer

The professional 4-clamp adhesive binder for making booklets from flat sheets and signatures.

■ The binder BB4040 is also available with a PUR spine glue gun and a PUR-suitable lift-type delivery. Hotmelt and PUR machine versions can be supplemented with a customized cooling section and a Binder BB4040 to create a Binder BB4040 line. This inline system allows complete, efficient production of adhesive-bound booklets, including trimming on three sides.

■ **Clamps and block infeed.** The clamp opening width is set using a handwheel. A sensor system ensures precise feeding of blocks into the clamps, and an integrated jogger exactly aligns book blocks before the clamps are pneumatically closed.

■ **Glue application** The hotmelt glue tank is equipped with two application rollers, a counter-rotating spinner roller, and an integrated disk-type side gluing unit. The Binder BB4040 includes electrical control of the gluing lengths on the spine and sides. To produce without side gluing, this unit is simple disengaged. An optionally available premelter significantly boosts the adhesive binder's productivity even more.

■ **Central touchscreen** The Binder BB4040 features a central, ergonomically placed touchscreen for controlling all machine functions. The display is also used to operate additional timer functions, such as the preheating timer for the glue tank and the timer for cover pressing : it also integrates a copy counter and production and error information.

■ **Cover pressing station** The cover press is easy to set by hand to the required format and works automatically during production. The operator can use the central touchscreen to influence the shape of the spine by varying the pressing time, thus directly controlling the quality of the adhesive-bound products.

■ **Vertical cover feeder with scoring station** The cover feeder can be replenished on-the-fly without interrupting production. The feed holds a pile about 500mm (19.7 in) high. Format changes and corrections are easy to perform by hand. The integrated double scoring unit can be adjusted without any tools.

■ **Spine preparation** The spine tool is equipped with roughing teeth as a standard feature to reliably expose the paper fibres. Especially with difficult papers, for example highly calendared stock, this makes sure that the glue securely attaches to the sheet edges. This yields a stronger bond. The milling height can be varied between 0 and 3 mm. Height-adjustable notching tools increase the surface area for the hotmelt glue : this optimally prepares the spine for gluing and results in greater compression when needed.

■ **Deliverie** The Binder BB4040 is equipped with a belt delivery with four-station stacker for adhesive-bound products.

■ **Product Profile** Easy to operate, fast change-over, small footprint High quality binding achieved through precise spine preparation and optimum glue application Vertical cover feeder with on-the-fly reloading and integrated double scoring unit Self-regulating cover press with adjustable pressing time for high product quality. Belt delivery and four-way stacker for finished booklets