

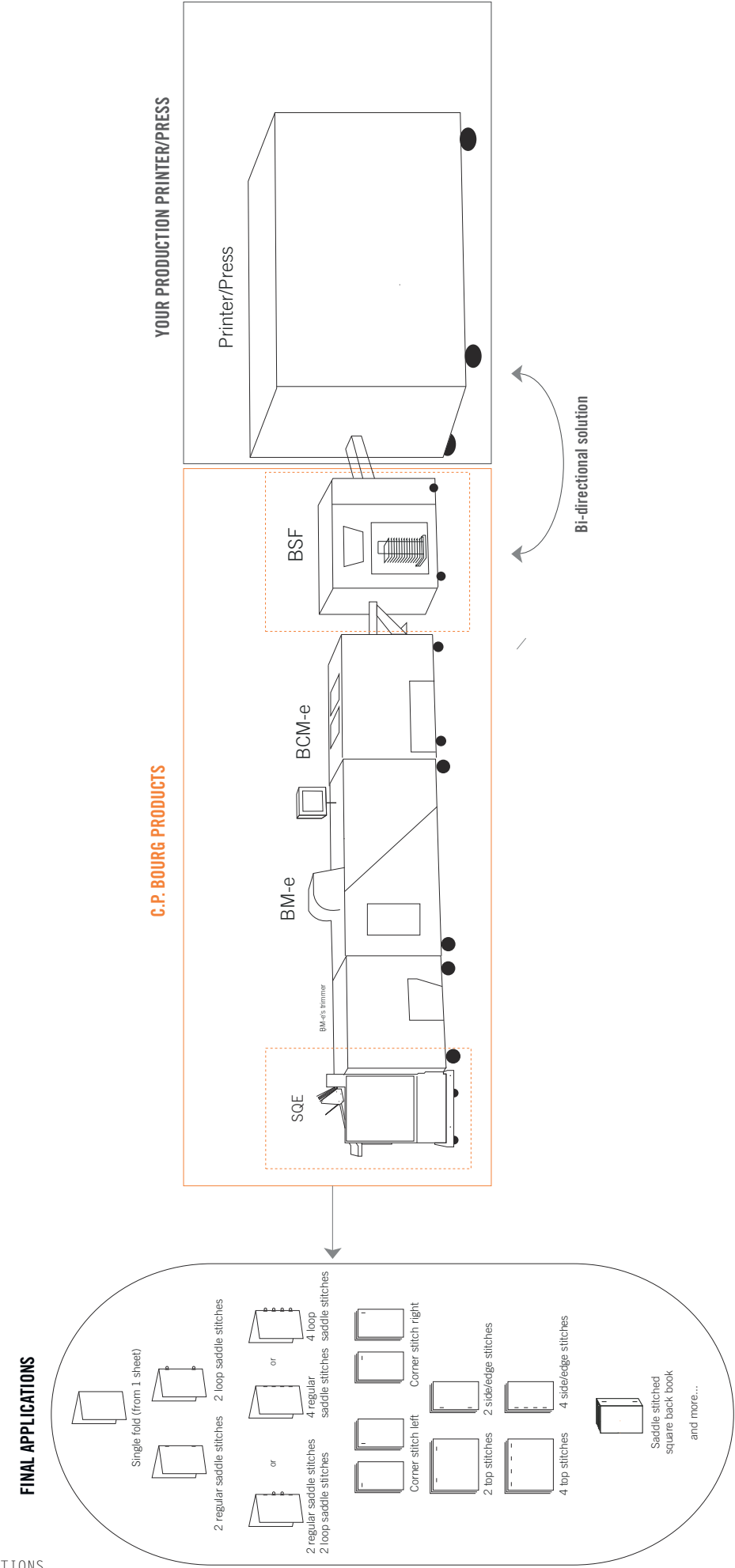
c.p. bourg®

Your Partner in Print Finishing

Booklet Making Solutions

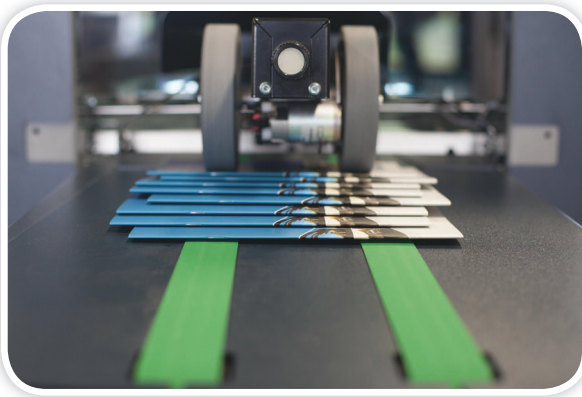
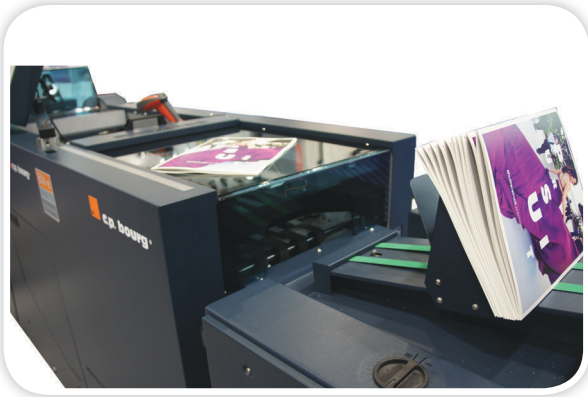
In-Line BCM-e + BM-e configuration

IN-LINE BOOKLET MAKING CONFIGURATIONS' WORKFLOW



IN-LINE BOOKLET MAKING CONFIGURATIONS

Thanks to C.P. Bourg continuous innovation, users of most production printers/presses can now operate them with several C.P. Bourg print finishing equipments. These solutions enable users of various digital printers/presses to quickly produce booklets, flyers, calendars and other finished products using corner, side, regular or loop saddle-stitches.





Overview



Right to left or left to right paper path process

The Bourg Booklet Maker BCM-e + BM-e is the world's first In-Line booklet making solution tailored to a growing number of production printers/presses.

This solution combines the Bourg Booklet Maker (BM-e) and Bourg Bleed Crease Module (BCM-e) to operate seamlessly with the right-to-left or left-to-right paper path and Duplex 2-up formats of digital printers/presses.

Aimed at stitch-fold-trim finishing production in digital on-demand and web-to-print environments, the BCM-e + BM-e configuration is able to operate "24/7" at the full-rated speed of your printer/press.

What is particularly amazing about this configuration ?

It's the best way to optimize your asset utilization with diverse, short-run job streams and skilled operators can be reassigned to perform higher-value tasks.



- | | |
|--|---|
| 1 Maximum speed of 3,000 booklets/hour | 8 Secondary exit for jobs that do not require folding |
| 2 User-friendly Graphical User Interface (GUI) | 9 Bleed trim function |
| 3 In-operation job adjustments | 10 Highest quality knife creasing function |
| 4 Automatic stitch head positioning | 11 Complete job visibility enables traceability |
| 5 2 to 4 regular stitch heads | 12 Automated face trimmer (optional) |
| 6 Tool-less cassette replacement | 13 2 to 4 loop stitch heads (optional) |
| 7 Automatic purge feature for faulted jobs | |

TO VIEW OUR LATEST VIDEOS, VISIT: CPBOURG.COM/BOOKLET-MAKER-SOLUTIONS/VIDEOS

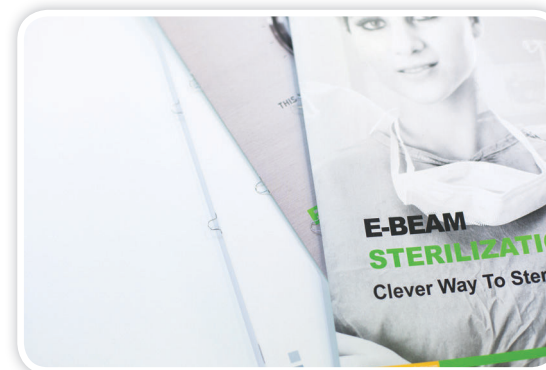


Key benefits

SET-SECURE PRODUCTION

The BCM-e + BM-e configuration **generates ultra-short run jobs quickly** with superb quality and **guaranteed set integrity, without operator intervention.**

This solution offers various print finishing possibilities for users of most production printers/presses. It delivers, for example, set-secure production of booklets, reports and other confidential documents for transaction processing applications in medical, education and financial services.



HIGHEST QUALITY AND SPEED BOOKLET PRODUCTION

Working In-Line with various print/press engines, the BCM-e + BM-e configuration **produces non-stop** up to a **maximum speed of 3,000 booklets/hour.**

The BCM-e + BM-e configuration is able to stitch fold trim up to 30 sheets, stitches up to 55 sheets, and folds **up to 120 pages booklets (30 sheets)** without marking, scuffing or scratching.

The maximum trimming distance is 25 mm (0.98 in). Booklets produced can therefore be of an extremely small size.

As the book press is integrated in the folder, booklets are systematically flatter and more aesthetically-pleasing.



MAXIMIZE YOUR PRODUCTIVITY

As a **JDF/DFA compliant device**, the BM-e finisher in an In-Line environment receives setup and operational instructions via the workflow server automation solution, leading to **faster turnarounds, labor savings** and the **elimination of errors** and costly reprints. The system can also be operated manually through the 19-inch (48 cm) color touch screen graphical user interface.

TAKING FINISHING TO THE «NEXT LEVEL» OF AUTOMATION AND PRODUCTIVITY

With the integrated BCM-e, this booklet making configuration includes an advanced servo motor scoring cylinder technology which **creases sheets on the fly** as they pass through the machine, without impeding productivity.

A bypass function affords the BCM-e + BM-e configuration the flexibility to crease without trimming, or to allow sheets to pass through with no action taken.



SUMMARY

Why invest in a Bourg booklet making solution In-Line with your production printer/press ?

- ✓ Produce A4/US Letter landscape booklets of up to 600 mm (23.62 in)
- ✓ Touchless workflow 24/7 for greater ROI
- ✓ Fast turnaround times and human intervention free production of booklets, flyers, calendars, etc.
- ✓ Autonomous In-Line and Off-Line finishing options allows full asset utilization
- ✓ Dual-mode finishing powered by Bourg Sheet Feeder (BSF). Optimized flexibility by enabling multiple printers/presses to share one finishing solution
- ✓ Advanced stitch-fold-trim process technology keeping the amazing print quality without marking, scuffing or scratching
- ✓ Stitch-fold-trim up to 30 sheets, stitches up to 55 sheets
- ✓ JDF, OMR, Ultrasonic and barcode integrity solutions on-board
- ✓ And much more...

SUMMARY

BOURG BOOKLET MAKER CONFIGURATIONS		Features with production printers/presses (see the list of compatible printers/presses on the website)									
		Off-Line mode	In-Line mode	Dual mode	Stitched booklets	Square edge booklets	Barcode capability	JDF capability	A4/US Letter landscape capability	Non-stop productivity	Maximum speed (full In-Line configuration speed printer dependent)
Bourg Booklet Maker BCM-e + BM-e											1,800 booklets/hour (3 A4/US Letter sheets, 90 gsm)
											13,000 sheets/hour (A4, 90 gsm)
Bourg Booklet Maker BSF + BCM-e + BM-e											2,100 booklets/hour (3 A4/US Letter sheets, 90 gsm)
											13,000 sheets/hour (A4, 90 gsm)
Bourg Booklet Maker BSF + BCM-e + BM-e + SQE											1,700 booklets/hour (3 A4/US Letter sheets, 90 gsm)
											13,000 sheets/hour (A4, 90 gsm)
Bourg Booklet Maker BSF + BSF + BCM-e + BM-e + SQE											1,700 booklets/hour (3 A4/US Letter sheets, 90 gsm)
											13,000 sheets/hour (A4, 90 gsm)

TECHNICAL SPECIFICATIONS

BOURG BOOKLET MAKER BM-E

Media (in Off-Line mode)

Booklet thickness (with stitch, fold and trim)	2 to 30 sheets of 75 gsm or equivalent (cover included)
Maximum speed	5,000 booklets/hour (5 A4 /US Letter sheetssheets, 90 GSM)
Paper weight	60 to 350 gsm

Physical

Dimensions of BM-e (Stich Fold module) (L x W x H)	177,5 x 71 x 155 cm (69.88 x 27.95 x 61.02 in)
Dimensions of trim module (optional) (L x W x H)	69 x 71 x 155 cm (27.16 x 27.95 x 61.92 in)
ITE (only necessary if connected to a collator BST-d/BST-e)	27cm (10.63 in)
ISF (only necessary with some printers)	37,3 cm (14.68 in)
Delivery conveyor	87,5 cm (34.44 in)
Input/output paper path without ITE	86 cm (33.85 in)
Weight of BM-e (Stich Fold module)	420 kg (926 lbs)
Weight of trim module	180 kg (397 lbs)
Weight of ITE	13 kg (28.5 lbs)
Weight of ISF	28 kg (62 lbs)
Weight of delivery conveyor	34 kg (75 lbs)

Electrical

Power supply	120V ±10%, 60Hz, 8A 230V ±10%, 50Hz, 5A
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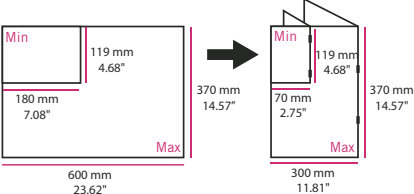
Options / Accessories

Stitch heads
Docking DFA
First aid kit
Air assist kit
Booklet with windows kit
Bourg Box Communication Interface
Barcode systems

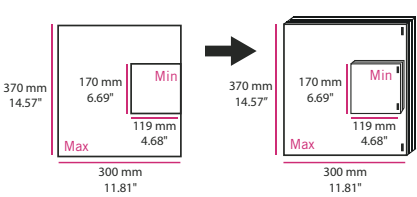
Connectability

Bourg Sheet Feeder (BSF)
Bourg Book Factory 2005 EVA / Hotmelt (BBF2005)
Bourg Suction Tower (BST-e)
Bourg Bleed Crease Module (BCM-e)
Bourg Sheet Rotator (BSR)
Bourg Square Edge (SQE)
+ Various production printers/presses & other partner products (for more details, see the website)

Saddle stitching



Top/side stitching



Notes:

- (1) To identify if your production printer/press is compatible with the C.P. Bourg In-Line/Dual-Mode solutions, visit our website.
- (2) Depending on the production printer/press you use, the application formats and speed may vary.

FOR MORE TECHNICAL INFORMATION, VISIT CPBOURG.COM OR CONTACT YOUR LOCAL DISTRIBUTOR



TECHNICAL SPECIFICATIONS

BOURG BLEED CREASE MODULE BCM-E

Media

Bleed function (top & bottom cut)	4 to 25,4 mm (0.15 to to 1 in)
Maximum speed	12,000 sheets/hour
Paper weight	50 to 350 gsm

Physical

Dimensions (L x W x H)	147 x 92 x 106 cm (57.87 x 36.22 x 41.73 in)
Weight	295 kg (650 lbs)

Electrical

Power supply	120V ±10%, 60Hz, 6A 230V ±10%, 50Hz, 4A
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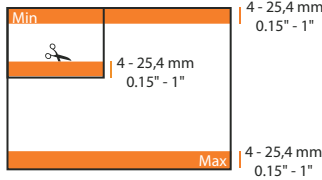
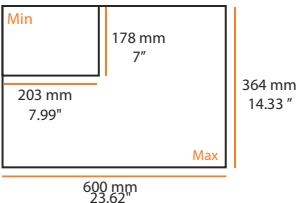
Options / Accessories

Docking DFA
Registration plate
First aid kit
Bourg Box Communication Interface

Connectability

Bourg Sheet Feeder (BSF)
Bourg Document Finisher (BDF-e)
Bourg Booklet Maker (BM-e)
Bourg Book Factory 2005 EVA / Hotmelt (BBF2005)
+ Various production printers/presses & other partner products (for more details, see the website)

MEDIA SIZES



TECHNICAL SPECIFICATIONS

NOTES

BOURG SQUARE EDGE SQE

Media (in Off-Line mode)

Maximum speed single pass	1,750 booklets/hour
Maximum speed double pass	1,150 booklets/hour

Min booklet size	80 x 120 mm (3.15 x 4.72 in)
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Maximum booklet size	250 x 350 mm (9.84 x 13.78 in)
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Booklet thickness	1 to 6,5 mm (0.04 to 0.26 in)
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Physical

Dimensions (L x W x H)	71 x 70 x 106 cm
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(27.95 x 27.56 x 41.73 in)	845 kg (1,862.94 lbs)
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Weight	98 kg (216 lbs)
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Electrical

Power supply	120V \pm 10%, 60Hz, 5A 230V \pm 10%, 50Hz, 3A
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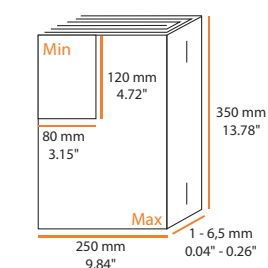
Options / Accessories

Docking DFA
First Aid Kit

Connectability

Bourg Document Finisher (BFD-e)
Bourg Document Finisher Xerox (BFDN-x)
Bourg Booklet Maker (BM-e)
Bourg Booklet Maker Express (BM-e Express)
Bourg Booklet Maker Express Dual-Mode (BM-e Express Dual-Mode)
Bourg Booklet Maker Express Dual-Mode Plus (BM-e Express Dual-Mode Plus)

MEDIA SIZES



BOURG BOX BB

Physical

Dimensions (L x W)	49,5 x 40 x 16 cm (19.48 x 15.74 x 6.29 in)
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Weight	7 kg (15.43 lbs)
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Electrical

Power supply	100V, 60Hz, 2A 230V, 50Hz, 2A
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Connectability

Bourg Sheet Feeder (BSF)
Bourg Booklet Maker (BM-e)
Bourg Document Finisher (BDF-e)
Bourg Binder 3202 EVA / Hotmelt / PUR-Compact (BB3202)
+ Various partner products (for more details, see the website)

BARCODE IMPOSITION SOFTWARE

Connectability

Compatible with any finishing equipment and can be integrated with any PDF workflow



Notes:

- (1) To identify if your production printer/press is compatible with the C.P. Bourg In-Line/Dual-Mode solutions, visit our website.
- (2) Depending on the production printer/press you use, the application formats and speed may vary.

Legal notice:

All technical information are subject to change without prior notice. As C.P. Bourg's products are always evolving to meet your needs, please visit our website www.cpbourg.com for the most updated information.

FOR MORE TECHNICAL INFORMATION, VISIT CPBOURG.COM OR CONTACT YOUR LOCAL DISTRIBUTOR



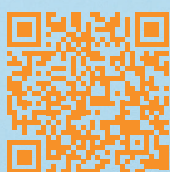
C.P. Bourg S.A./N.V. Belgium

European Headquarters
22 rue des Technologies
BE - 1340 Ottignies - Belgium
Phone +32 (0)10 62 22 11
Fax +32 (0)10 62 22 22

C.P. Bourg INC. USA

USA Headquarters
50 Samuel Barnet Blvd.
New Bedford, MA 02745 USA
Phone +1 508 998 21 71
Fax +1 508 998 23 91

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and follow us on our social medias :



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