

c.p. bourg®

Your Partner in Print Finishing

Booklet Making Solutions

In-Line/Dual-Mode configurations



Bourg Booklet Maker
BCM-e + BM-e



Bourg Booklet Maker
BSF + BCM-e + BM-e



Bourg Booklet Maker
BSF + BCM-e + BM-e + SQE



Bourg Booklet Maker
BSF + BSF + BCM-e + BM-e

Meet the excellence



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WHO WE ARE

Overview

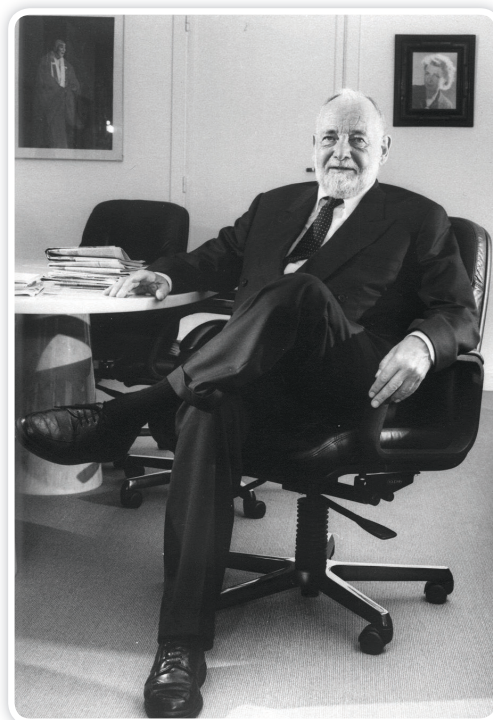
C.P. Bourg maintains its leadership position in designing and manufacturing print finishing equipment for both the traditional graphic arts market and the digital printing environment.

Christian-Pierre Bourg, the founder of the C.P. Bourg Group, based its headquarters in Ottignies (Belgium) and New Bedford, Massachusetts (USA) for optimal worldwide positioning.

For over fifty years, the C.P. Bourg group has pioneered and promoted new technologies meeting the requirements of industry professionals around the world who turn print on paper into quality finished products.

Our company depends on its highly-skilled employees and its core values - quality, innovation and efficiency - to bring you the best finishing solutions.

Our dedicated team of specialists will help you define and grow your business.



WHAT WE ENABLE YOU TO DO



With our products, your company can produce:

STITCHED BOOKLETS

Brochures, magazines, leaflets, menus, greeting cards, calendars, trans-promotional materials, to cite a few.

PERFECT BOUND BOOKS

Photo albums, novels, catalogues, prescription books, note pads, sticky notes, product manuals, and much more.





OUR MISSION STATEMENT



“We empower our customers with the best flexible automated solutions that enable them to produce on-demand and personalized stitched booklets and perfect bound books.”

C.P. Bourg team

OUR CORE VALUES



For over fifty years, C.P. Bourg plays a pioneering role and promotes new technologies to adapt to the modernization of the printing industry. Our success is founded on our core company values of quality, innovation and efficiency.



QUALITY

Our employees pride themselves in consistently delivering the highest value across all stages of production of our machines.

We perform extensive chemical, physical and mechanical research during the development stage, rigorous stress tests during the product validation stage and dedicated production testing throughout the manufacturing stage.

Our Customer Service is friendly, attentive and efficient.

Our Quality Management System is ISO 9001 certified.

It is because we focus on quality that we maintain privileged relationships with companies such as HP INDIGO®, KODAK®, OCE/CANON®, RICOH® and XEROX®.



INNOVATION

Our employees are determined to stay ahead of the competition and to improve existing products or to produce new products that go beyond industry standards. How does this happen?

You send us your feedback, our after-sales team takes this information and together with the engineering team, work on constantly evolving our machines. With this kind of cooperation, we can guarantee a reliable present and future relationship between our company and your company.

Good examples of such collaborations led to the success of the Bourg Book Factory BBF2005, which won the GATF InterTech Technology Award, and the Bourg Binder BB3202 which won the PRINT 13 MUST SEE 'EMS award.



EFFICIENCY

Our efficiency is a result of continuous investments in our people and facilities. These investments enable the integration of the latest technologies into our manufacturing process, as well as the development of high-performance products that are both dependable and competitive.

At C.P. Bourg, we develop and manufacture post-print paper handling products, and on demand print-finishing products through collaborations with world leaders in the digital-printing industry who have their own worldwide distribution networks.

C.P. Bourg's manufacturing site is located in Belgium. Through our subsidiaries in Luxembourg, and France, and our comprehensive network of dealers, we have direct access to our global customer base, providing high quality sales and service support for our products.

Throughout North and South America, Bourg products are distributed by C.P. Bourg Inc., our sister company, headquartered in New Bedford, Massachusetts.

More than 80,000 customers can testify to our continuous commitment to building products of quality, innovation, and efficiency for the future.

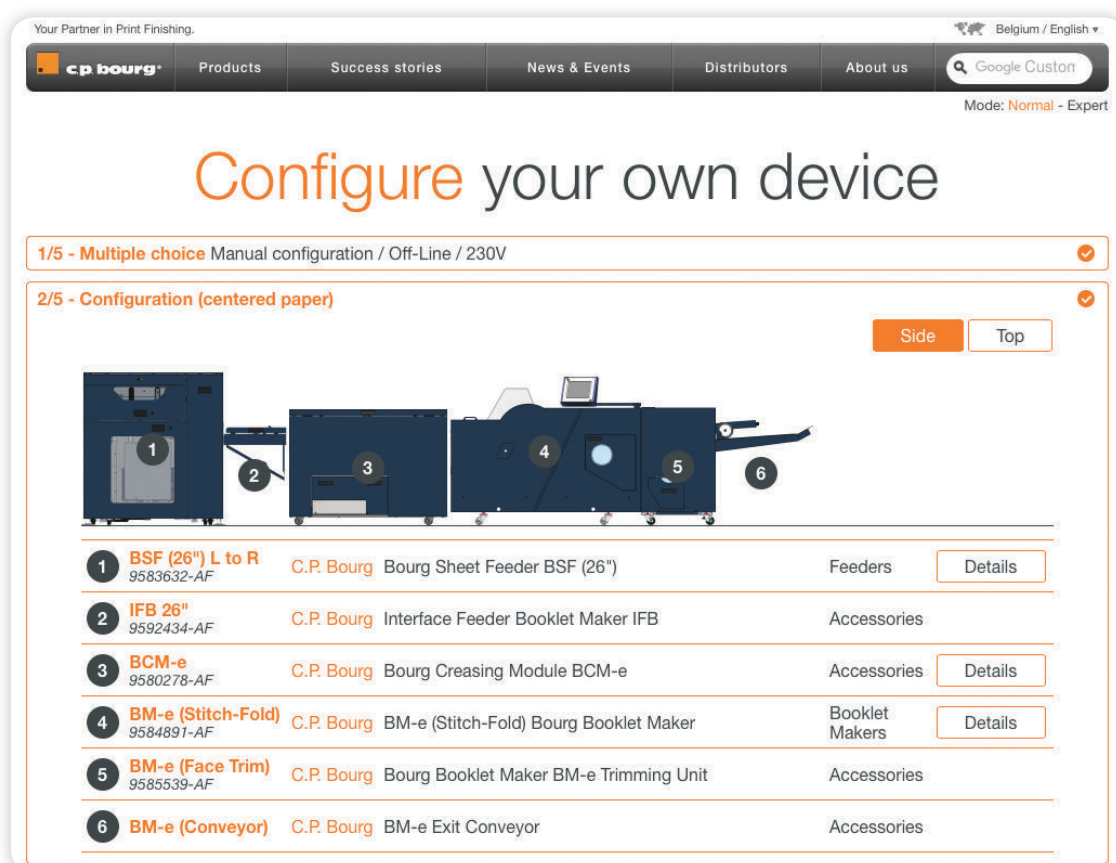
QUALITY CERTIFICATIONS





CONFIGURE YOUR SOLUTION

Our C.P. Bourg website allows you to configure solutions that correspond to your needs. This is the ideal starting point to discuss and evaluate your ROI with your nearest C.P. Bourg distributor.



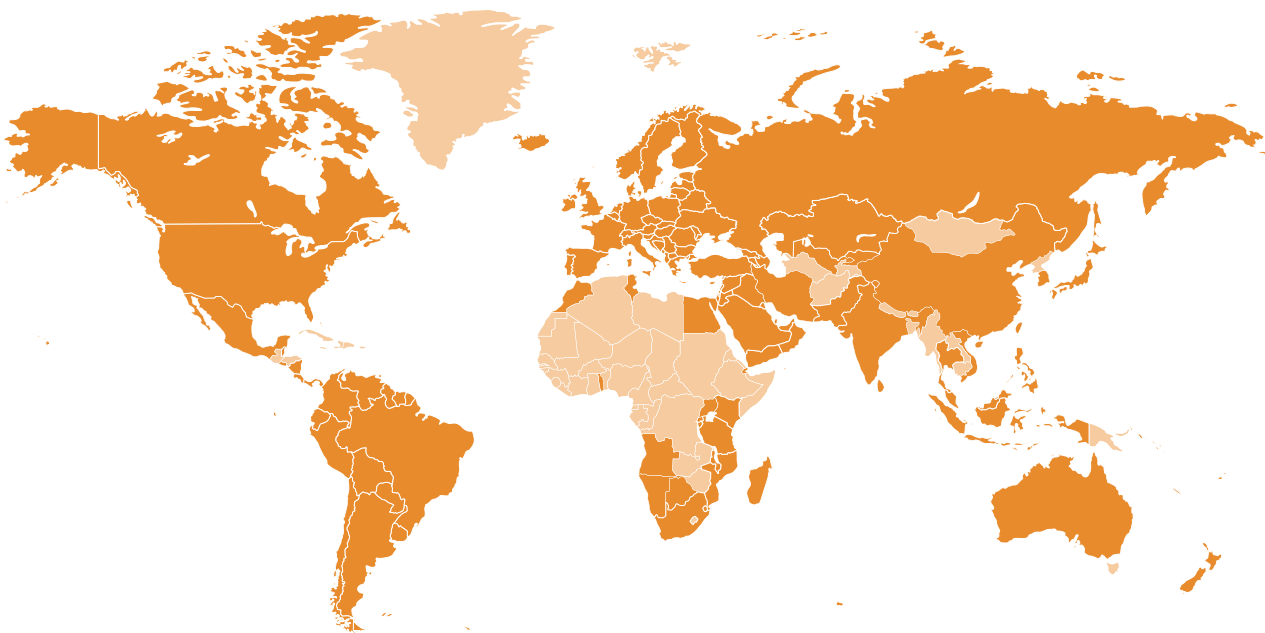
- 1 Visit www.cpbourg.com
- 2 Click on “Products” and select the product you are interested in
- 3 Click on “Configure & order” to identify if your production printer/press is compatible with the C.P. Bourg In-Line/Dual-Mode solutions

WHERE TO FIND US

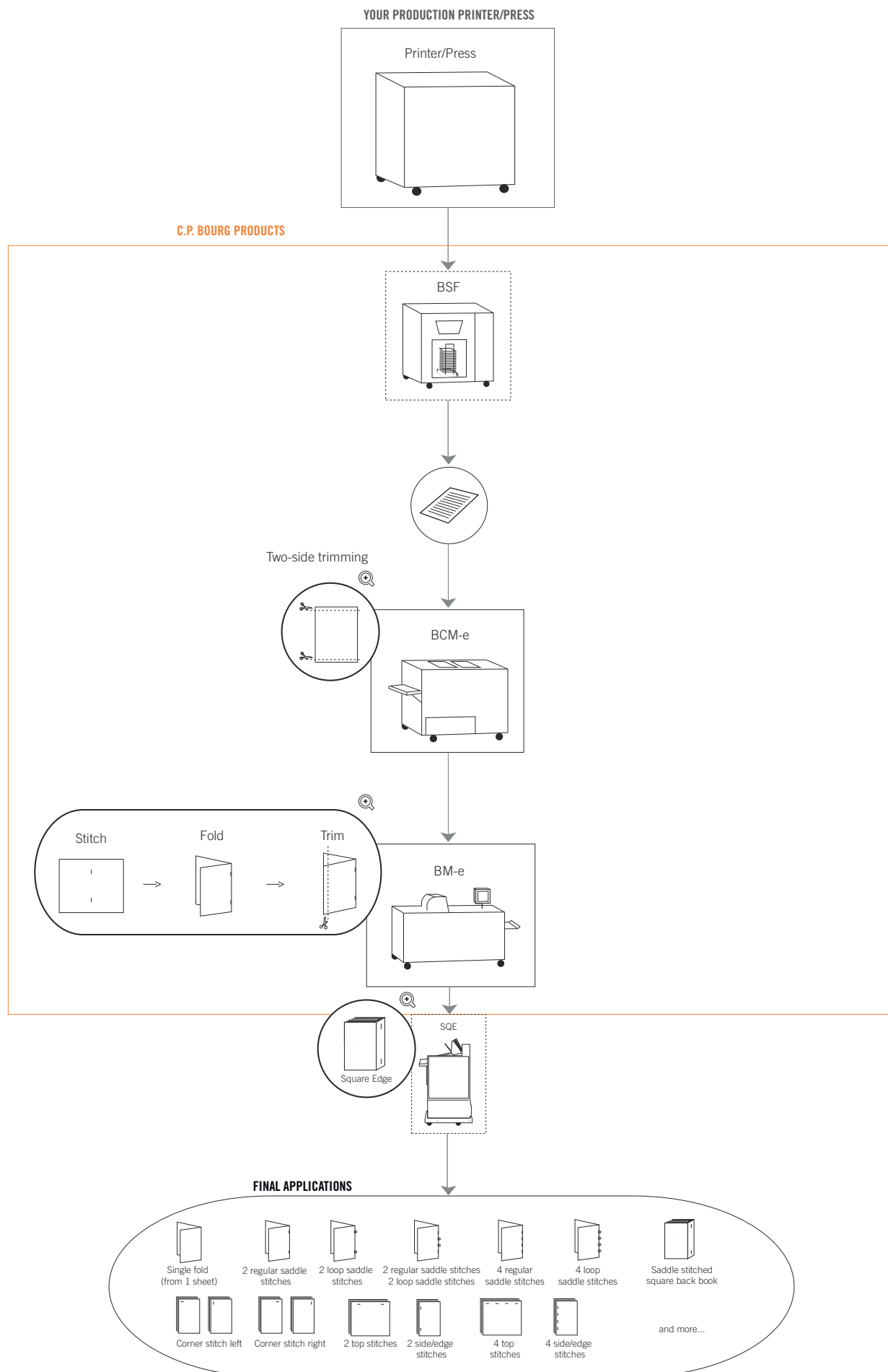


C.P. Bourg has over 150 distributors present **in nearly 100 countries**: an effective way to sell and provide after-sales support locally to global customers.

Find your local C.P. Bourg distributor at
www.cpbourg.com/distributors

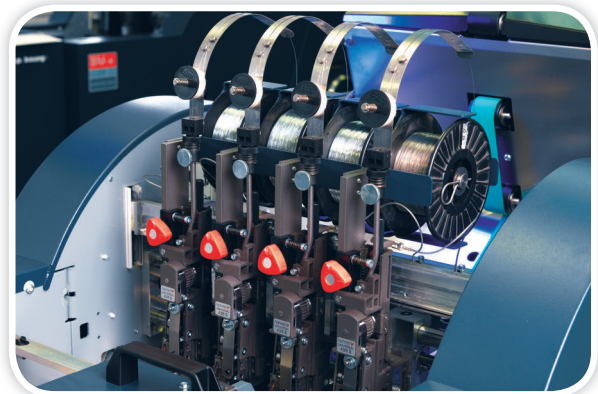
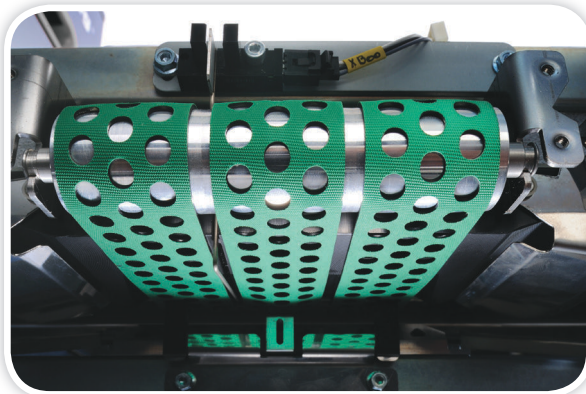


IN-LINE PRODUCTS' WORKFLOW



IN-LINE PRODUCTS

Thanks to C.P. Bourg continuous innovation, users of a large number of digital production printers/presses can now operate their print engine In-Line with several C.P. Bourg print finishing equipments.





Overview

For customers hesitating between Off-Line and In-Line finishing, C.P. Bourg offers the best of both worlds with the Dual-Mode Bourg Sheet Feeder (BSF). It allows multiple printers/presses to share one finishing device. Positioned In-Line between a production printers/presses and the finishing equipment, the BSF allows digital and offset print shops with different printers to easily shift and/or merge job production using the Dual-Mode (by shifting between In-Line and Off-Line/Near-Line modes), achieving productivity increases while maintaining integrity of collated output.



- 1 Dual feeding station
- 2 Compatibility with over 20 carts/trolleys from most print vendors
- 3 Compressed airflow positioning
- 4 Suction belt & air sheet separation technology
- 5 Optical Mark Recognition sensors (OMR)
- 6 Accuracy adjustments in operation at 1mm (0.04 in) in increments of 0,02 mm (0.0008 in)
- 7 Jam detection
- 8 Ultrasonic Double Miss Control (DMC) enables optimal feeding without manual calibration
- 9 Automatic purge feature for faulted jobs
- 10 User-friendly Graphical User Interface (GUI) (optional)
- 11 Barcode capabilities 1D and 2D (optional)
- 12 Enables manual feeding and ejects double feeds (IFB) (optional)

TO VIEW OUR LATEST VIDEOS, VISIT: CPBOURG.COM/BSF/VIDEOS



FOR TECHNICAL INFORMATION, GO TO PAGE 36





Key benefits

FAST AND FLEXIBLE



The BSF is the only one in its category that is able to feed up to 18,000 sheets/hour and accept wide paper formats – the perfect complement to most digital presses/printers.

The BSF offers three possible applications for greater job flexibility:

- 1 Automatic flow of sheets from the printer/press through the BSF and into the C.P. Bourg Finishing products (standard In-Line application). Sheets, such as laminated covers, may be inserted via the BSF during the In-Line process.
- 2 Autonomous running of a C.P. Bourg Finishing product in an Off-Line/Near-Line mode while the printer/press is turned off.
- 3 Dual-Mode enables your print engine to pass sheets to an attached In-Line finisher or accepts stacks from other printers/presses in order to feed the In-Line finishing device while your press is not in use or printing to the stacker.

UNIQUE BSF TANDEM OFFERS UNPARALLELED PRODUCTIVITY

By connecting two BSFs together, you get a Tandem BSF which automatically switches between units to allow non-stop finishing of jobs from In-Line and Off-Line production printers/presses, and ensures peak finishing efficiency. Once the first feeder runs out of paper, the system automatically switches to the second one. Output is uninterrupted and productivity is maintained at 100%.



NO MANUAL TRANSFER OF COLLATED PAPER SETS SAVES YOU TIME AND MONEY

The BSF consists of two feeding stations which allows for a wide range of applications and flexibility:

- 1 The lower feeding station has the capacity to accept a trolley fully stacked with collated sets of paper directly from your printer's/press's trolley/cart/pallet. No manual transfers of heavy stacks of collated paper sets from stacker carts to a sheet feeder is required. The cart/trolley is easily inserted in the machine. Productivity is increased and the risk of damaged sheets, stacking errors and personal injuries is reduced.
- 2 The top feeding station has the capacity to load up to 140 mm (5.51 in) of printed papers, laminated or coated materials and maintains high feeding speeds even when the media is waved or curled.

By automatically transferring print output from most print vendors' stacker carts into the sheet feeder and centering the stack, the BSF makes it easier for users in on-demand print environments to reap the productivity benefits offered by Off-Line/Near-Line volume finishing.

GREAT CONNECTABILITY

The Bourg BSF can be connected to most C.P. Bourg finishing modules, including booklet-making, perfect binding and accessories.

The BSF also allows stacks of pre-collated documents to be fed into the BB3202 perfect binder. Furthermore, the BSF can also be connected to various machines such as the Epic Coater, the Watkiss PowerSquare 224, the Rollem machines and many others. The list continues to grow as we validate other partner products. The BSF, with its Bourg Box technology, offers a large range of solutions & flexibility to the printers!



BM-e

BOURG BOOKLET MAKER

IN-LINE / OFF-LINE / NEAR-LINE / DUAL-MODE



Overview

The Bourg Booklet Maker (BM-e) is C.P. Bourg's high-end award winning booklet maker that utilizes the latest technology with unparalleled quality and speed to produce on-demand booklets.

This booklet maker is designed to be connected directly to a growing number of production printers/presses as well as to various C.P. Bourg products.

The BM-e responds to the needs of commercial printers and in-plant printing institutions that have shorter turnaround time, smaller job runs and tightening budgets.



- 1 Accepts large range of paper formats
- 2 Maximum speed of 5000 booklets/hour
- 3 Automated tool-less set-up capability
- 4 User-friendly Graphical User Interface (GUI)
- 5 In-operation job adjustments
- 6 Suction belt & air sheet separation technology
- 7 Automatic stitch head adjustment
- 8 2 to 4 regular stitch heads
- 9 Tool-less cassette replacement
- 10 Automatic purge feature for faulted jobs
- 11 Secondary exit for jobs that do not require folding
- 12 Complete job visibility enables traceability
- 13 Automated face trimmer (optional)
- 14 2 to 4 loop stitch heads (optional)

TO VIEW OUR LATEST VIDEOS, VISIT: CPBOURG.COM/BM-E/VIDEOS





Key benefits



HIGHEST QUALITY AND SPEED BOOKLET PRODUCTION

Final dimensions of booklets produced by the BM-e range from 70 x 119 mm (2.75 x 4.68 in) up to 300 mm x 370 mm (11.81 x 14.56 in) to a maximum speed of 5000 booklets/hour – the best of its category.

Large sheet sizes can be processed through the BM-e with ease and create, for example, oversized B3 calendars formats and A4 (US Letter) landscape booklets.

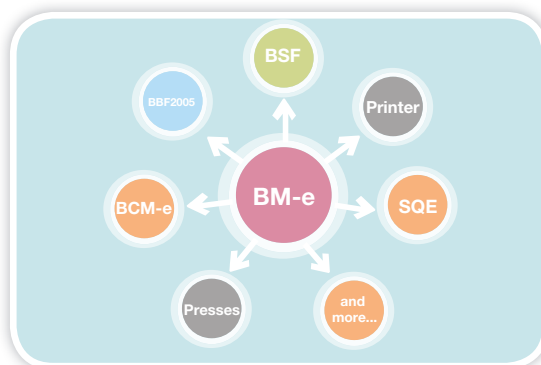
The BM-e is able to stitch fold trim up to 30 sheets, stitches up to 55 sheets, and folds up to 120 pages booklets without marking, scuffing or scratching.

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.

CONNECTABILITY

Within the BM-e, the paper-path can follow either a right to left process or a left to right process and work In-Line with most production printers/presses - offering a great flexibility!

The BM-e can also be connected to various C.P. Bourg modules such as to the BST-e collator to accommodate offset production needs.



Examples of what the BM-e enables you to do



FOR TECHNICAL INFORMATION, GO TO PAGE 37

BCM-e

BOURG BLEED CREASE MODULE

IN-LINE / OFF-LINE / NEAR-LINE / DUAL-MODE



Overview

The Bourg Bleed Crease Module (BCM-e) has a unique design which enables it to process individual sheets at very high speeds while maintaining extreme precision in creasing and bleed/trim. Offering the highest quality knife creasing – superior to wheel creasing – the BCM-e can adapt to the variable speeds of connected equipment.

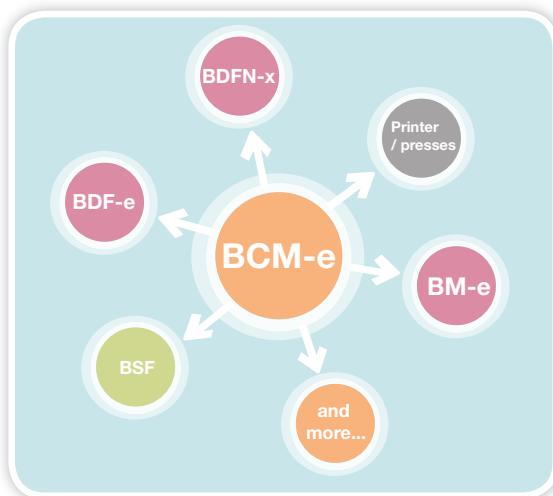


- 1 Accepts large range of paper formats
- 2 Able to match the full rate speed of your production printer/press
- 3 User-friendly Graphical User Interface (GUI) shared with the booklet maker
- 4 Bleed trim function
- 5 Capable of correcting printing imperfections with asymmetric trimming
- 6 Highest quality knife creasing
- 7 Up to 4 hours of operation in terms of waste bin capacity
- 8 Enables manual feeding and ejects double feeds (IFB)

TO VIEW OUR LATEST VIDEOS, VISIT: CPBOURG.COM/BCM-E/VIDEOS



Key benefits



CONNECTION FLEXIBILITY

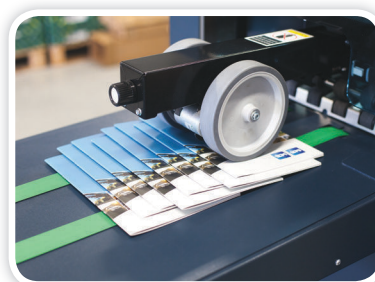
Used In-Line, the BCM-e is the only bleed-crease system on the market able to match the full rated speed and large format size of a large number of production printers/presses.

The BCM-e can also be used for Off-Line/Near-Line production with the Bourg Sheet Feeder (BSF) and the Bourg Document Finishers (BDF-e), or with the Bourg Booklet Maker (BM-e) for stitch-fold-trim finishing.

Finally, in a Dual-Mode environment with digital printers/presses, utilizing the same production line to stitch, fold and trim documents (e.g., BSF + BCM-e + BM-e) coming from various digital print workflows dramatically enhances productivity, and boosts utilization of the finishing equipment to further maximize the user's return on investment.

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

The BCM-e is capable of precision trimming up to 350 gsm coated or uncoated stock in sizes from 178 x 203 mm (7 x 7.99 in) to 364 x 600 mm (14.33 x 23.62 in) – the largest format of any bleed-trim device designed for digital printing. Advanced stepper-motor scoring cylinder technology unique to C.P. Bourg creases sheets on the fly as they travel through the machine, without impeding productivity. An oversized waste bin makes it possible for the BCM-e to run up to four hours before being emptied on the fly as the machine continues production, while a bypass function affords BCM-e model the flexibility to crease without trimming, or to allow sheets to pass through with no action taken.



FOR TECHNICAL INFORMATION, GO TO PAGE 37



Overview

The Square Edge accessory takes traditional stitch-fold-trim booklets and transforms them into square edge booklets. Similar in appearance to perfect bound books, these booklets lay flat, stack easily and allow printing on the spine.

The SQE is connectable with C.P. Bourg high end In-Line, Off-Line, and Near-Line booklet making equipment.



- 1 Accepts maximum booklet thickness from 1 mm to 6,5 mm (0.04 to 0.26 in)
- 2 Can take booklet formats of up to 350 x 250 mm (13.78 x 9.84 in)
- 3 Maximum speed of 1,750 booklets/hour (single pass) and of 1,150 booklets/hour (double pass)
- 4 Booklets can be opened flat without damaging the spine
- 5 Overall bulk is reduced by at least one third
- 6 Connectable to the all Bourg booklet making products & solutions

TO VIEW OUR LATEST VIDEOS, VISIT: CPBOURG.COM/SQE/VIDEOS



FOR TECHNICAL INFORMATION, GO TO PAGE 38





Overview

The Bourg Box acts as a protocol converter that allows C.P. Bourg products to communicate with virtually any type of digital production printer/press and finishing equipment through electronic job tickets. These job tickets – initially generated automatically by a customer's electronic order for print services – can be written in Job Definition Format (JDF) and Job Messaging Format (JMF), the industry-standard file formats for information exchange in the graphic arts.

This communication between digital printers/presses and finishers allows you to synchronize production instructions, prevents production of «impossible jobs» and handles automatic document size changeovers to accommodate, with peak efficiency, any type of job in the production system. As a result, no manual setup or operator intervention is required, just a touchless Web-to-Finish workflow.



- 1 Maximize throughput and time between jobs
- 2 Minimize potential for human errors and waste
- 3 Optimize turnaround time



FOR TECHNICAL INFORMATION, GO TO PAGE 38

INTERFACE FEEDER BOOKLET MAKER & PERFECT BINDER

IN-LINE / OFF-LINE / NEAR-LINE / DUAL-MODE



Overview

The Interface Feeder (IFB) is a recommended accessory to connect the Bourg Sheet Feeder (BSF) to any Bourg booklet making and perfect binding modules: the Bourg Document Finisher (BDF-e), the Bourg Bleed Crease Module (BCM-e), the Bourg Booklet Maker (BM-e) and the Bourg Binder BB3202 EVA / hot melt / PUR-Compact.

The IFB can also be connected to several validated downstream finishing partner products.

The paper-path can follow either a right to left or a left to right process, and work In-Line with multiple digital printers/presses.

The IFB automatically ejects jobs in case of a double feed or a wrong barcode sequence. Once the operator corrected the issue with the faulty job, it can be manually fed back through the IFB. As a result, the IFB minimizes the downtime associated with faulted jobs.



- 1 Minimal time lost to faulted jobs
- 2 Enables manual feeding of faulted jobs

CARTS AND TROLLEYS FOR THE BSF

IN-LINE / OFF-LINE / NEAR-LINE / DUAL-MODE

Overview



We offer over 20 carts and trolleys compatible with various printers/presses and stackers that can easily feed stacks of pre-collated documents (digital color, digital monochrome or from offset presses) in the Bourg Sheet Feeder (BSF).



and
more...

C.P. Bourg Universal 26" Cart

BARCODE UPGRADE FOR THE BSF



Overview

The latest barcode 1D and 2D reading technology can be incorporated to your BSF allowing your production to achieve record breaking efficiency. Each page is scanned guaranteeing a complete job and a systematic traceability. In case of faulted job, page can be easily reprinted.



- 1 Automatic job integrity check
- 2 Automatic job set-up on finishing device through JDF or pre-saved jobs (on selected finishers only)
- 3 Real-time statistics
- 4 Hand-held external barcode reader or integrated barcode reader in BSF

BARCODE IMPOSITION SOFTWARE



Overview

C.P. Bourg's products can be enhanced with the barcode reading technology allowing you to increase productivity on each job. With this imposition software, you can create customized barcodes.

This software offers great flexibility as it is compatible with any finishing equipment and can be integrated with any PDF workflow. This solution is ideal for customers with web-to-finish workflow.



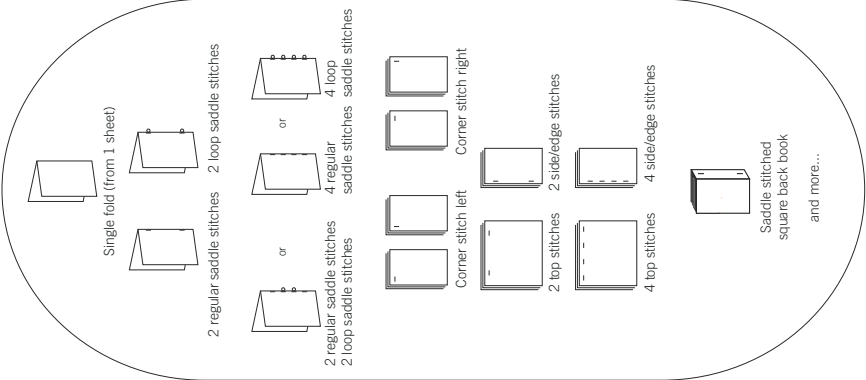
- 1 Uses impositrip's JDF/XML Automation Director to automate printing and finishing processes
- 2 Real-time job tracking



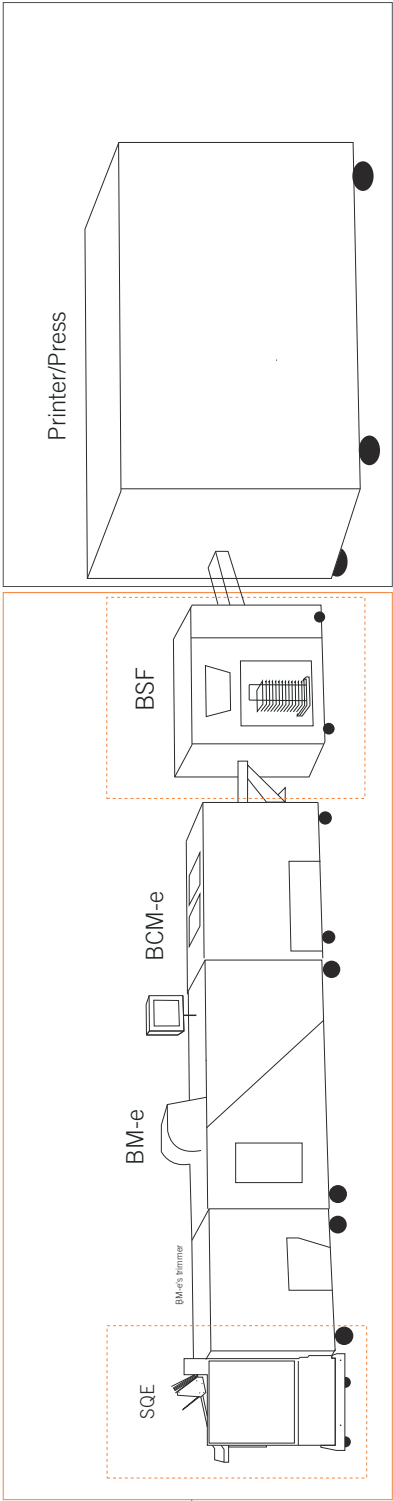
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IN-LINE BOOKLET MAKING CONFIGURATIONS' WORKFLOW

FINAL APPLICATIONS



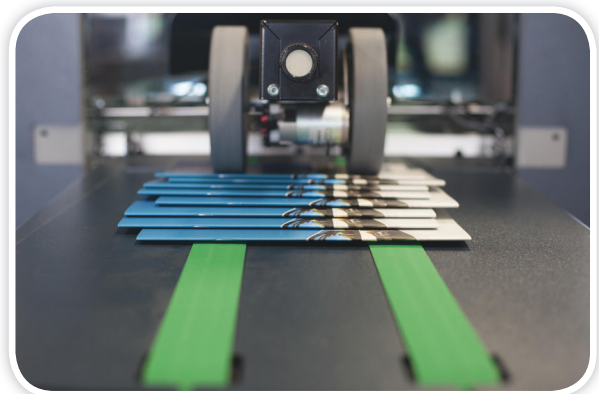
C.P. BOURG PRODUCTS



Bi-directional solution

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.

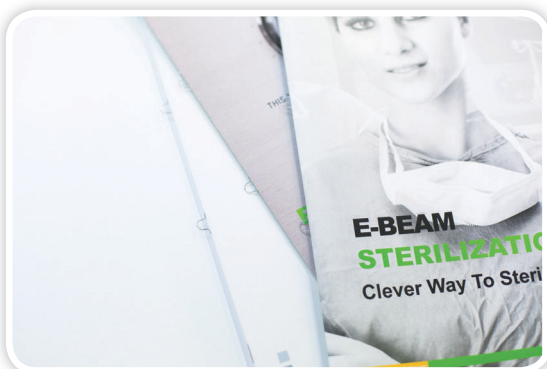


- 1 Maximum speed of 3,000 booklets/hour
- 2 User-friendly Graphical User Interface (GUI)
- 3 In-operation job adjustments
- 4 Automatic stitch head positioning
- 5 2 to 4 regular stitch heads
- 6 Tool-less cassette replacement
- 7 Automatic purge feature for faulted jobs
- 8 Secondary exit for jobs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





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.



FOR TECHNICAL INFORMATION, GO TO PAGE 37



Overview



Right to left or left to right paper path process

The combination of your production printer/press, a JDF/DFA communication interface and the C. P. Bourg Booklet Maker BCM-e + BM-e with the Bourg Sheet Feeder (BSF) option delivers a new level of increased efficiency, called «dual-mode finishing».

What does this mean for you ?

Thanks to the BSF, it provides you with an optimized flexibility by enabling multiple printers to share one single finishing solution.



- 1 Maximum speed of 3,000 booklets/hour
- 2 Dual feeding station
- 3 Compatibility with over 20 carts/trolleys from various printer/press engines.
- 4 User-friendly Graphical User Interface (GUI)
- 5 Optical Mark Recognition sensors (OMR)
- 6 In-operation job adjustments
- 7 Automatic stitch head positioning
- 8 2 to 4 regular and loop stitch heads
- 9 Tool-less cassette replacement
- 10 Automatic purge feature for faulted jobs
- 11 Jam detection
- 12 Secondary exit for jobs that do not require folding
- 13 Bleed trim function
- 14 Highest quality knife creasing function
- 15 Complete job visibility enables traceability
- 16 Enables manual feeding and ejects double feeds (IFB) (optional)
- 17 Barcode capabilities 1D and 2D (optional)
- 18 Automated face trimmer (optional)





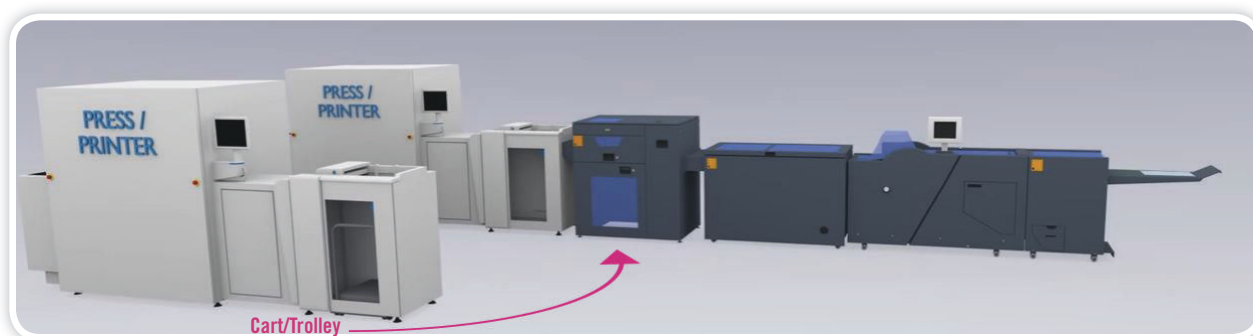
Extra benefits offered by the BSF in this booklet making configuration

DUAL-MODE FINISHING

The Bourg Sheet Feeder (BSF) uniquely enables dual-mode finishing. This provides users of large number of production printers/presses the ability to send jobs from Off-Line press streams to their dedicated In-Line finishers **to allows full asset utilization**.

Ideal for:

- a simultaneous delivery of output** into the stacker while the BSF feeds other jobs into the Bourg booklet making solution;
- or
- b production of urgent jobs** – In-Line production can be interrupted and the covers and content of an urgent job can be inserted directly into the BSF



OMR, ULTRASONIC AND BARCODE INTEGRITY SOLUTIONS ON-BOARD

The OMR mark recognition system and the ultrasonic double and miss control are standard features.

The optional barcode reader 1D and 2D enables automatic job set-up and integrity by reading the barcode on the first or on each sheet which contains specific job information (sheet size, number of pages, job ID, etc).



STACKER CARTS/TROLLEYS COMPATIBILITY

To provide you a great production flexibility, we offer **over 20 carts and trolleys compatible with various printers/presses and stackers** that can easily feed stacks of pre-collated documents (digital color, digital monochrome or from offset presses) in the Bourg Sheet Feeder (BSF). To get the full list of compatible carts/trolleys, visit our website.



FOR TECHNICAL INFORMATION, GO TO PAGES 36-37

BOURG BOOKLET MAKER

BSF + BCM-E + BM-E + SQE

IN-LINE / OFF-LINE / NEAR-LINE / DUAL-MODE



Overview



Right to left or left to right paper path process

This solution includes the Bourg Sheet Feeder (BSF), the Bourg Bleed Crease Module (BCM-e), the Bourg Booklet Maker (BM-e) and the Square Edge (SQE).

What is particularly great about this configuration ?

Thanks to the SQE, booklets lay flat, stack easily and allow printing on the spine.



- 1 Maximum speed of 3,000 booklets/hour
- 2 Flat booklets are easy to handle, stack and pack
- 3 Print on the spine
- 4 Overall bulk is reduced by at least one third
- 5 Dual feeding station
- 6 Compatibility with over 20 carts/trolleys from most print vendors
- 7 User-friendly Graphical User Interface (GUI)
- 8 Optical Mark Recognition sensors (OMR)
- 9 In-operation job adjustments
- 10 Automatic stitch head positioning
- 11 2 to 4 regular and loop stitch heads
- 12 Tool-less cassette replacement
- 13 Automatic purge feature for faulted jobs
- 14 Jam detection
- 15 Secondary exit for jobs that do not require folding
- 16 Bleed trim function
- 17 Highest quality knife creasing function
- 18 Complete job visibility enables traceability
- 19 Enables manual feeding and ejects double feeds (IFB) (optional)
- 20 Barcode capabilities 1D and 2D (optional)
- 21 Automated face trimmer (optional)

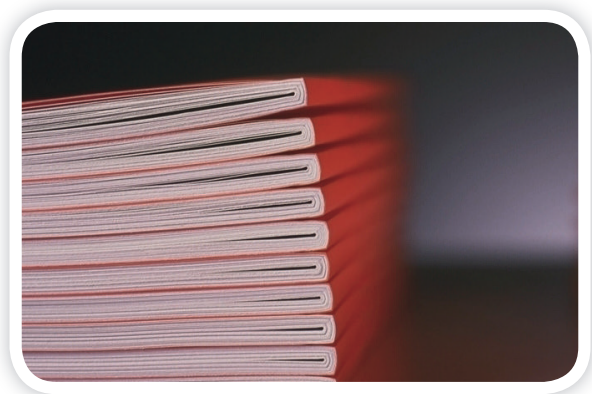




Extra benefits offered by the SQE in the this booklet making configuration

FLAT BOOKLETS

The Square Edge accessory takes traditional stitch-fold-trim booklets and transforms them into square edge booklets. Similar in appearance to perfect bound books, these **booklets lay flat, stack easily and allow printing on the spine.**



Examples of what the BSF + BCM-e + BM-e + SQE configuration enables you to do



FOR TECHNICAL INFORMATION, GO TO PAGES 36-38

BOURG BOOKLET MAKER

BSF + BSF + BCM-E + BM-E + SQE

IN-LINE / OFF-LINE / NEAR-LINE / DUAL-MODE



Overview



Right to left or left to right paper path process

This solution includes two Bourg Sheet Feeders (BSF), the Bourg Bleed Crease Module (BCM-e), the Bourg Booklet Maker (BM-e) and the Square Edge (SQE).

What is particularly great about this configuration?

Thanks to the second BSF, you can produce jobs without ever stopping the machine.



- 1 Non-stop finishing of jobs from In-Line and Off-Line printers/presses
- 2 Maximum speed of 3,000 booklets/hour
- 3 Flat booklets are easy to handle, stack and pack
- 4 Print on the spine
- 5 Overall bulk is reduced by at least one third
- 6 Quadruple feeding station
- 7 Compatibility with over 20 carts/trolleys from most print vendors
- 8 User-friendly Graphical User Interface (GUI)
- 9 Optical Mark Recognition sensors (OMR)
- 10 In-operation job adjustments
- 11 Automatic stitch head adjustment
- 12 2 to 4 regular and loop stitch heads
- 13 Tool-less cassette replacement
- 14 Automatic purge feature for faulted jobs
- 15 Jam detection
- 16 Secondary exit for jobs that do not require folding
- 17 Bleed trim function
- 18 Highest quality knife creasing function
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- 20 Enables manual feeding and ejects double feeds (IFB) (optional)
- 21 Barcode capabilities 1D and 2D (optional)
- 22 Automated face trimmer (optional)

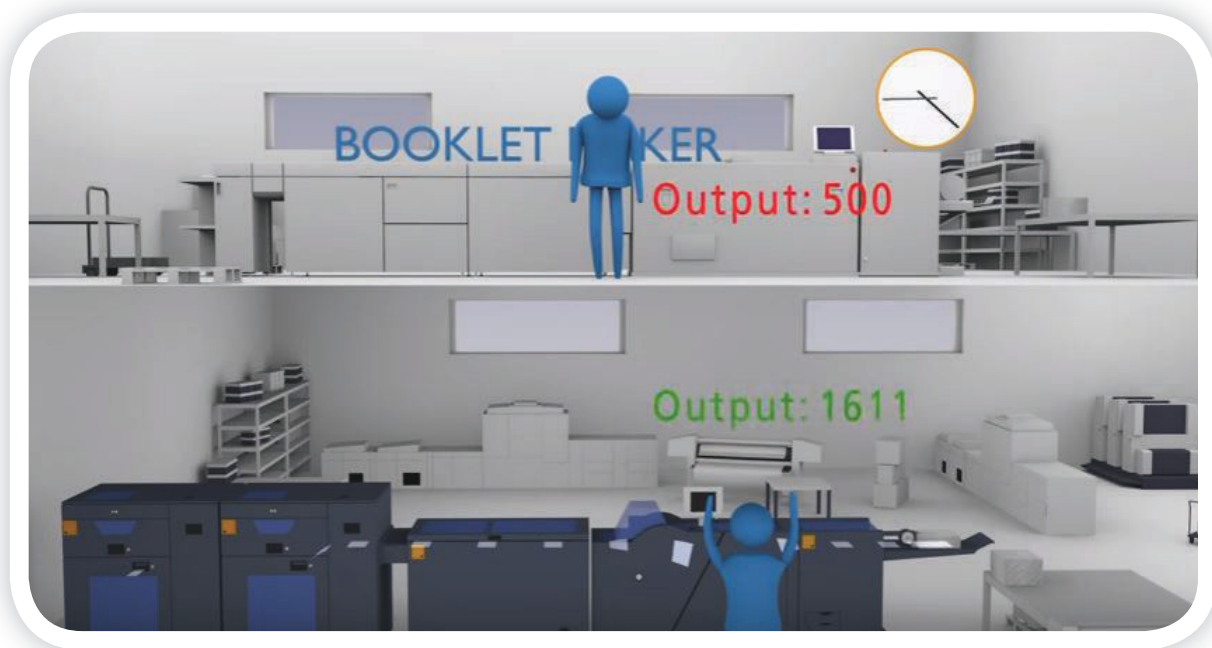




Extra benefits offered by the second BSF in this configuration

UNPARALLELED PRODUCTIVITY

By connecting two BSFs together, you get a Tandem BSF which automatically switches between units to allow non-stop finishing of jobs from In-Line and Off-Line printers/presses, and ensures peak finishing efficiency. Once the first feeder runs out of paper, the system automatically switches to the second one. Output is uninterrupted and productivity is maintained at 100%.



FOR TECHNICAL INFORMATION, GO TO PAGES 36-38

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

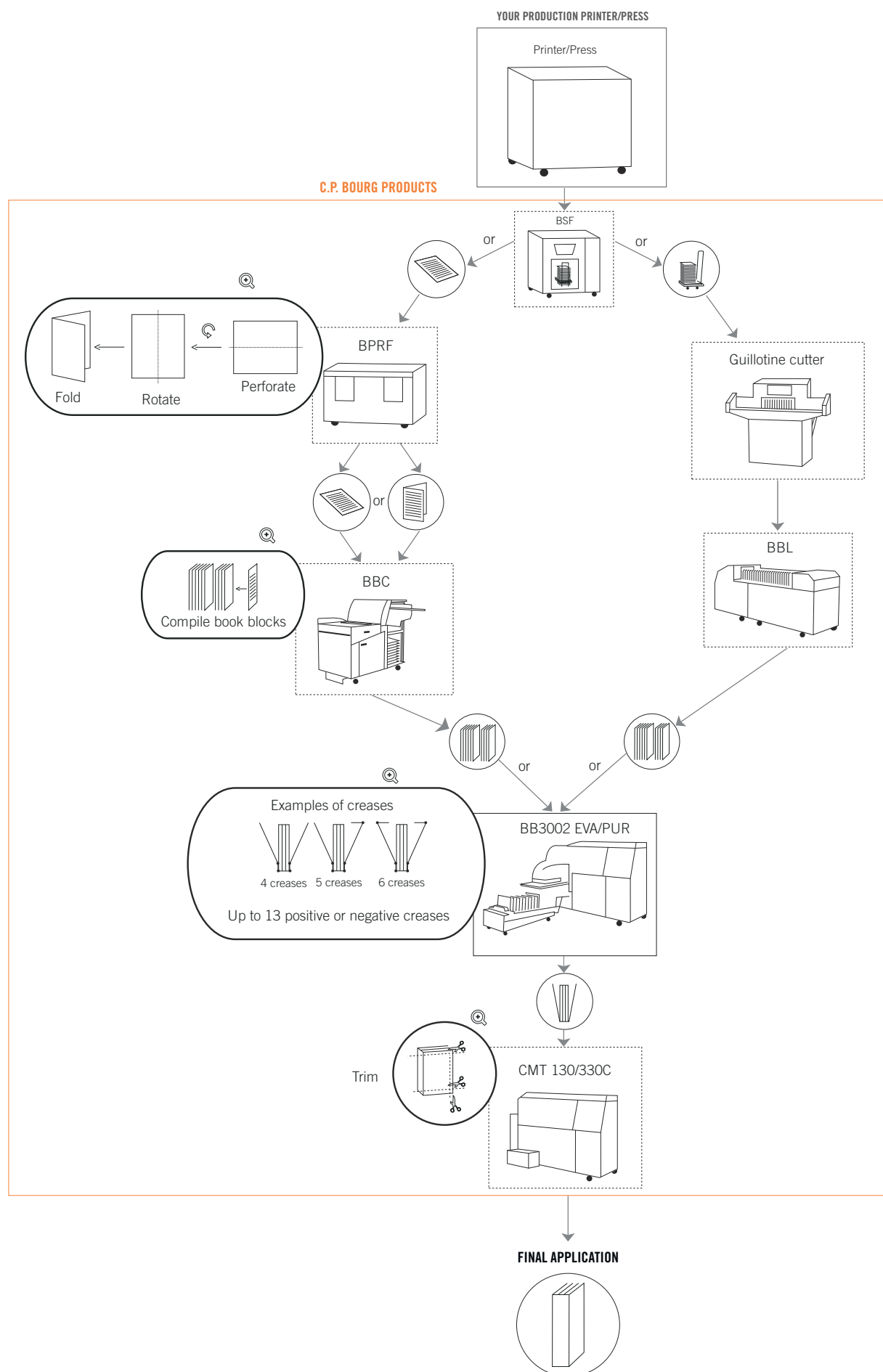
BOURG BOOKLET MAKER CONFIGURATIONS

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)

JUST TO OPEN YOUR MIND: EXAMPLES OF OTHER OFF-LINE / NEAR-LINE WORKFLOW SOLUTIONS



EXAMPLES OF OFF-LINE AND NEAR-LINE SOLUTIONS

C.P. Bourg's print finishing equipment integrates with your current and future workflow.

Our modules are scalable: they can be used in Off-Line/ Near-Line modes.

For example, you can start with a BB3002 EVA perfect binder and later upgrade it by connecting to a Bourg Book Loader (BBL) or a Bourg Book Complier (BBC) with a Bourg Sheet Feeder (BSF) and a trimmer CMT-130 or CMT-330C working In-Line, Dual-Mode, Near-Line and Off-Line with your production press(es)/printer(s) to increase efficiency.



EXAMPLES OF OFF-LINE AND NEAR-LINE SOLUTIONS



C.P. Bourg range of products

Using Off-Line/Near-Line solutions is ideal for customers who have limited investments capabilities, a lack of software automation integration, non-compatible digital press/printer, a lack of physical space or high production runs of books of many.



Perfect binder BB3102 + three-knife trimmer CMT-330C **OR** CMT-130TC



C. P. Bourg Universal 26" Cart



Sheet feeder BSF + Perfect binder BB3202



Barcode system

and many more...



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

TECHNICAL SPECIFICATIONS

BOURG SHEET FEEDER BSF

Media (in Off-Line mode)

Maximum speed	18,000 sheets/hour (A4/US Letter sheets, 90 GSM)
Paper weight	60 to 350 gsm

Physical

Dimensions (L x W x H)	133 x 97,3 x 131,6 cm (52.36 x 38.30 x 51.81 in)
Weight	470 kg (1036.17 lbs)
Number of stations	2 stations (drawer, high pile)
Drawer capacity (pile height)	140 mm (5.51 in)
High pile capacity (pile height)	500 mm (19.7 in)

Electrical

Power supply	120V ±10%, 60Hz, 10,5A 230V ±10%, 50Hz, 6,5A
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Options / Accessories

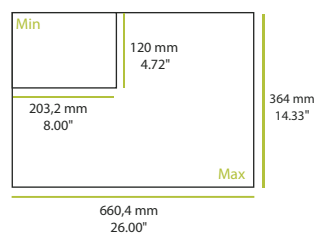
Trolleys / carts / pallets
IFB reject tray
GUI (touch screen interface)
Barcodes
Docking DFA
Registration plate
First aid kit
Bourg Box Communication Interface

Connectability

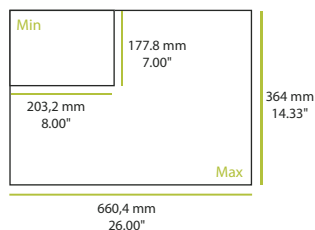
Bourg Document Finisher (BDF-e)
Bourg Booklet Maker (BM-e)
Bourg Binder 3202 Series (BB3202)
Bourg Book Compiler (BBC)
Bourg Book Factory 2005 EVA / Hotmelt (BBF2005)
Bourg Bleed Crease Module (BCM-e)
Bourg Perforating Rotating Folding (BPRF)
Bourg Sheet Rotator (BSR)
Document Finishing Architecture (DFA) enabled devices
+ Various production printers/presses & other partner products
(for more details, see the website)

MEDIA SIZES

Using the drawer or the bypass mode



Using the high pile



CARTS AND TROLLEYS FOR THE BSF

Universal 26" C.P. Bourg Cart for BSF
BSF Cart for Canon/Océ Varioprint 4000 and 6000 series - (Airtable not included)
Pallet Air Table HP Indigo 3500, 5000 and 7000 series
Cart Air Table HP Indigo 3500, 5000 and 7000 series
Cart Air Table Kodak Digimaster High Capacity Stackers
Cart Air Table Kodak Nexpress (SX2100+, 2700, 3300, 3900) 20.5" stacker
Cart Air Table Kodak Nexpress (SX2100+, 2700, 3300, 3900) 26" stacker
Cart Air Table Konica Minolta BizhubPress
Cart Air Table Kit Xerox ColorPress 800/1000
Cart Air Table Kit Xerox DocuColor DC 5000-8000 Series
Cart Air Table Kit Xerox DocuTech & Nuvera upgrade kit for DS3500 stacker
Cart Air Table Kit Xerox DocuTech & Nuvera upgrade kit for DS5000 stacker
Cart Air Table Kit Xerox iGen 150 26"
BSF kit for Xerox mediaCart device (6000, 7000, 8000)
BSF Option - Xerox ColorPress Compatibility (550, 560, 700, 800, 1000, 4112, 4127)
BSF Option - Xerox DocuColor Compatibility
BSF Option - Xerox iGen (3&4) 20.5" Compatibility
BSF Option - Xerox iGen (150) 26" Compatibility
and more...



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 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 sheets/sheets, 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)

BOURG BLEED CREASE MODULE BCM-E

Media

Bleed function (top & bottom cut)	4 to 25,4 mm (0.15 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

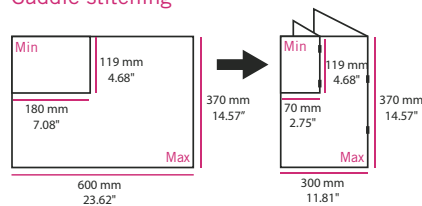
Docking DFA
Registration plate
First aid kit
Bourg Box Communication Interface

Connectability

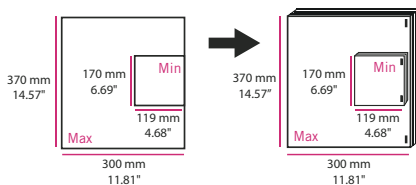
Bourg Sheet Feeder (BSF)
Bourg Document Finisher (BDF-e)
Bourg Booklet Maker (BM-e)
Bourg Book Factory 2005 EVA / Hotmelt (BBF2005)
+ Various production printers/presses & other partner products (for more details, see the website)

MEDIA SIZES

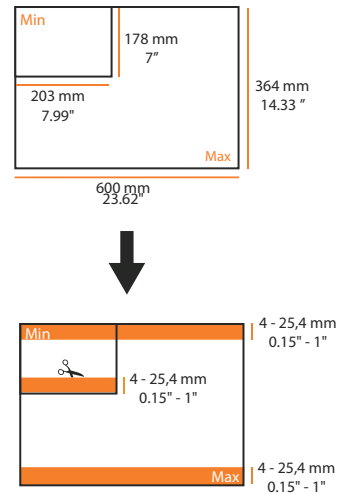
Saddle stitching



Top/side stitching



MEDIA SIZES



TECHNICAL SPECIFICATIONS

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)

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

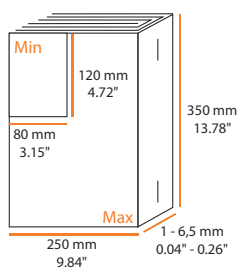
Bourg Sheet Feeder (BSF)
Bourg Booklet Maker (BM-e)
Bourg Document Finisher (BDF-e)
Bourg Binder 3202 EVA / Hotmelt / PUR-Compact (BB3202)
+ Various partner products (for more details, see the website)

BARCODE IMPOSITION SOFTWARE

Connectability

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

MEDIA SIZES



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.



NOTES

NOTES



c.p. bourg®

Your Partner in Print Finishing

Integrated solution partners



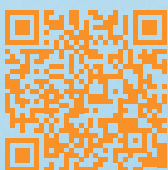
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