

c.p. bourg®

The Print Finishing Experts

BSF SPECIFICATIONS

MEDIA SIZES

Media width (cross track) from 7" to 14.33"
(177.8 to 364 mm)
Media length (in track) from 8" to 22.5"
(203.2 to 571.5 mm)

MEDIA TYPES AND WEIGHTS

Uncoated: 16 to 110 Lbs (60 to 300 GSM)
Coated: 24 to 130 Lbs (90 to 350 GSM)

FEEDING STATIONS

2 (upper and lower)
Upper station:
Capacity: 6" (152 mm)
Lower station:
Capacity: up to 19.7" (500 mm)
Stack central positioning by means of
compressed air flow stack lift.

ELECTRICAL RATINGS – POWER AND HEAT EMISSIONS

120 / 230 VOLTS AC – single phase
+6%/-10% 50/60 HZ
9 A in 120 VAC or 4.5 A in 230 VAC
Power consumption in standby mode:
160W – 546 BTU/h – 200 VA
Power consumption in operation mode:
720 W – 2460 BTU/h – 980 VA

FEED RATE

In track Media dimension	To BMe	To BDFe	With BCMe
8.5" Letter Long Edge First	15000 sheets/hour	14000 sheets/hour	12000 sheets/hour
11" Letter Short Edge First	12000 sheets/hour	11800 sheets/hour	10000 sheets/hour
17" Ledger	10000 sheets/hour	9700 sheets/hour	7900 sheets/hour
450 mm SRA3	9500 sheets/hour	9300 sheets/hour	7500 sheets/hour

Cover: BSF, BCMe and BMe

Subject to change without notice

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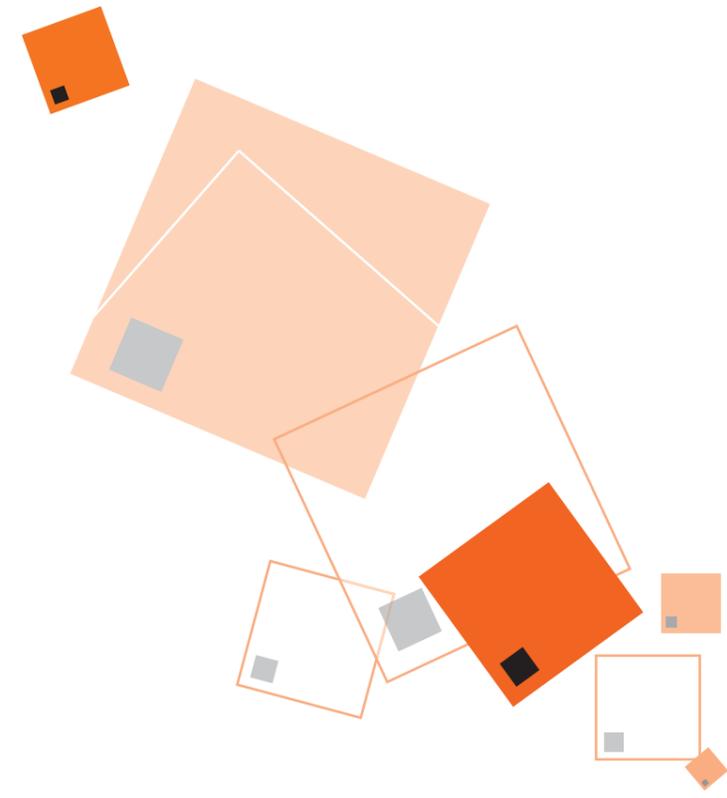
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SHEET FEEDER



NO NEED TO SELECT BETWEEN ON-LINE AND OFF-LINE ANY MORE !

CP Bourg is presenting a Near-Line high volume sheet feeder that converts your stacks of pre-collated documents, coming from color or monochrome digital printers, or from offset presses, into stitched – fold – trimmed booklets, with a guaranteed set integrity. This new sheet feeder is the finishing solution for shops using digital and / or traditional printing processes. A paper feed system, extremely reliable, based on almost 50 years paper handling experience, together with the capability of transferring directly stacks from printer to feeder provide this solution with optimal productivity.

Together with the booklet making accessories from CP Bourg, this feeder offers a flexible, reliable and high performance finishing solution. Furthermore, as the full finishing line is controlled from a unique user interface, data used for setting up the different modules are checked automatically for consistency before starting operation. This unique feature is not only reducing setup time but as well minimizing opportunities for operator mistakes. Controller open architecture design enables connection to print flow servers and cost or productivity audit systems.

- Equipped with large suction belts, the paper feed device is able to reliably feed a very broad range of printed media. It also is capable of handling stacks that are not perfectly flat.



Suction belt system

- In case of miss feed, the feeder is trying again to feed the sheet. In case of double feed, feeding process is stopped to avoid stitching corrupt sets. Double feed detection is using ultrasonic sensors, that do not require calibration.

- System configuration (accessories connected) and parameters setup allow operator to define system behavior in case of double feed (eject corrupt set with or without stop, continue,...)



Reject tray
Manual feed input

- BSF feeder is supplied with OMR (Optical Mark Recognition) sensors to check for job integrity.
- BSF feeder can be delivered, as an option, with BCR (Bar Code Readers) to check for job integrity or other purposes.



Stack loading with Xerox iGen3® or iGen4® carts



Double feed control (ultrasonic sensors)



BSF with BCMe, BMe and SQE

POSSIBLE CONFIGURATIONS



The BSF will receive the carts, dollies or pallets supplied with the following digital printers:

- Xerox DocuTech® and Nuvera® – DS5000 and DS3500 stackers
- Kodak Digimaster® High Capacity Stackers (5000 sheets)

- Océ Varioprint® 5000 High Capacity Stackers (5000 sheets)
- Presses HP Indigo 3500, 5000, 5500 et 7000

Furthermore, stacks created on stackers connected to iGen 3® and iGen 4® may easily be moved from iGen cart, equipped with optional

adapter, to special tray inside BSF. Manual loading for stacks coming from not supported printers or offset presses is of course possible. Manual loading tray is supplied with all BSFs.

