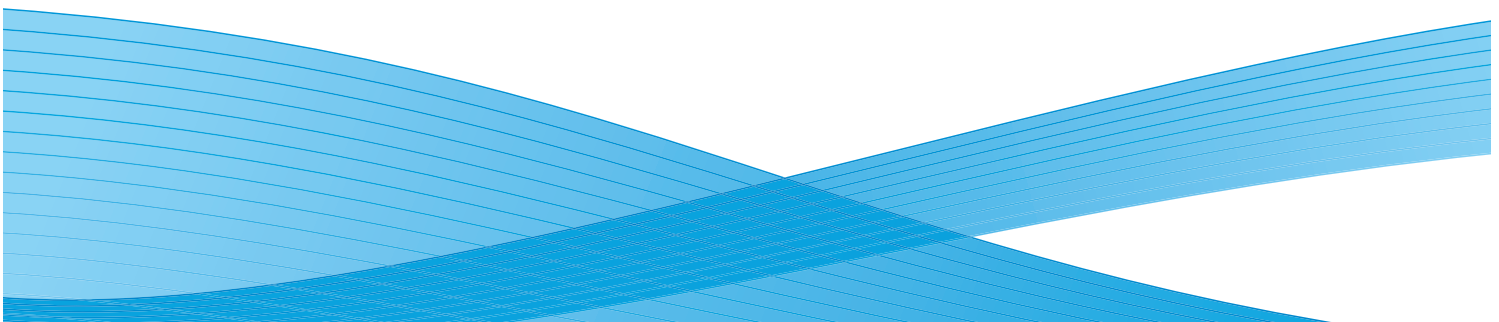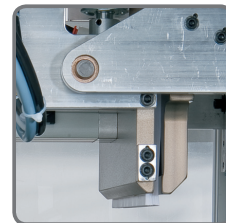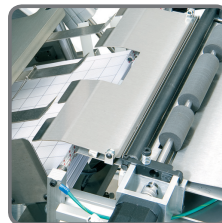**xerox** ®

Espresso Book Machine®
Build books and build your revenues, one volume at a time.

The Espresso Book Machine®, A Xerox® Solution (EBM), is a fully integrated high-speed, compact solution that automatically prints, binds and trims—on demand, at point of sale—perfect bound, library quality paperback books.

Teamed with the Xerox® D95/D110 Copier/Printer, the EBM has the potential to produce 40,000 books per year and can print a 300-page book in a few minutes.

EspressNet℠ custom software links the EBM to a constantly growing network of millions of titles from which your customers can choose. And you can take advantage of the exploding self-publishing opportunity!

Specifications for the Espresso Book Machine®
A Xerox® Solution

Xerox® D95/D110 Copier/Printer

Print Engines

- Monochrome Xerographic Engine
- Print Speed
  - 95/110/125 ppm - 8.5 x 11 in. (A4)
- First Copy-out-time: 3 seconds
- Simplex or duplex printing
- Up to 1200 x 1200 dpi RIP resolution and up to 2400 x 2400 dpi resolution with halftone screen 106 lpi (default) or 150 lpi (high quality mode)
- Front to back registration +/- 0.7 mm
- Automatic Meter Read (AMR) capable (where available)

Paper Handling

Stock weights and capacity:

- Tray 1*: 1,100 sheets – (8.5 x 11 in./A4)
- Tray 2*: 1,600 sheets – (8.5 x 11 in./A4)
- Tray 3-4*: 550 sheets each – 5.5 x 7.2 in. to 13.0 x 19.2 in. (140 x 182 mm (A5) to 330 x 488 mm (SRA3))
- Tray 5 Bypass Tray: 250 sheets – 4 x 6 in. to 13 x 19.2 in. (102 x 152 mm to 330 x 488 mm); 16 lb bond to 140 lb index (52 gsm to 253 gsm)
- Optional High-Capacity Feeder: 2 trays, 2,000 sheets each – 8.5 x 11 in. (A4); 16 lb bond to 80 lb cover (52 to 216 gsm)
- Optional Oversized High-Capacity Feeders: 1- or 2-Tray Feeders; 2,000 sheets in each tray – 8 x 10 in. to 13 x 19.2 in. (B5 to SRA3); 18 lb bond to 110 lb cover (64 to 253 gsm)
- Coated Stocks: Refer to Customer Expectation

*Capacity based on 20 lb bond (75 gsm) to 24 lb bond (90 gsm) uncoated media, white or cream color only

Electrical Requirements**

- Print Engine:
  - 208 – 240 VAC, 60/50 Hz, 15/13 amp service
  - KVA Rating: Max Power Consumption: 2.8 – 3.1 KVA
  - Agency certification: Energy Star®, CSA
  - Europe: CE, NEMKO, WEEE compliance
- Optional Feeding/Finishing:
  - Each module requires 100 – 240 VAC, 60/50 Hz power

** Refer to the Xerox® D95/D110 Copier/Printer Install Planning Document for installation details.

Espresso Book Machine® (EBM)

- Library Quality Perfect-bound books

  Output Book Size Limits:
  - Book sizes from 40 to 830 pages
  - Book thickness range from 0.100" (2.54 mm) to 1.875" (47.625 mm)

  Height and width limit:
  - Height from 5" (127 mm) to 10.5" (267 mm) for 8.5" x 11"/A4
  - Width from 4.5" (114 mm) to 8.25" (210 mm)

  Epson Color Ink Jet Cover Printer:
  - Book covers printed on 10 mil (270 gsm) water resistant 2-side coated coverstock, 11" x 17"/A3
  - 8 ink jet cartridges: Photo black, Matte black, Cyan, Magenta, Yellow, Red, Orange, Gloss Optimizer
  - Electrical requirements: 110 at 15 A for 60 Hz/220 – 240 V at 15 A for 50 Hz

- First Book Out Time – once complete printed book block is in the vertilamer and the book cover is printed and in bind position, the completed bound book output time is less than or equal to four minutes
- Power on cycle up time: 60 minutes

- Web Cam – can be used for remote diagnosis by service personnel while the operator positions the web cam at the machine
- Hot Melt Adhesive – Henkel Cool-Bind 34-680C
- Electrical Requirements
  - 208 – 240 V at 15 A, 50/60 Hz
  - 0.99 – 1.21 KVA
  - Agency certification: WEEE, CE, TUV

EspressNet℠ Software

- EspressNet℠ connects the EBM to a network of content sources
  - Content sources available at launch include Public Domain Google Books, permissioned in copyright titles from Ingram Lighting Source
  - Millions of titles are available
- EspressNet℠ tracks downloaded books and fees for accounting purposes
- EspressNet℠ Books are downloaded as encrypted files that can only be opened by that EBM
- Books come as two PDF files – a cover and a book block
- Requires high speed Internet connection (10 Mbs or better) with a static IP address for EBM with enabled on ports 22 (ssh), 5900 (vnc), 18245 and 18246 (GE-Fanuc)

Data Security

- Data encryption on downloaded book files

Options

- SelfEspress℠ Self-Publishing Toolset

Overall Footprint
Xerox® D95/D110 Copier/Printer and EBM

- 63.8" (1,620 mm) H x 34.5" (876 mm) D x 80.79" (2,052 mm) W

For more information on the Espresso Book Machine®, A Xerox® Solution, visit us at www.xerox.com, contact your Authorized Xerox Reseller or call 1-800-ASK-XEROX.

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