

Xerox Nuvera[®] 100/120/144 EA and MX Production Systems

Optional Integrated Document Scanning*

Scan Rate

- Speed based on 8.5" x 11"/A4:
- Simplex: 120 images per minute
- Duplex: 120 images per minute

Resolution

- 600 x 600 dpi
- 8-bit Gray (256 shades)
- Maximum scan from platen: 12.0" x 18.0" (305 mm x 457 mm)
- High resolution, high signal-to-noise image sensor
- Scan to file resolution: 300, 400, 600, 1200 dpi

Automatic Document Feeder

- Capacity: 300 sheets (20 lb bond/75 gsm)
- Sizes: 5.5" x 8.5" to 11" x 17" (A5 to A3)
- Weights: 13 lb bond to 80 lb cover (49 – 220 gsm)

Print Controller

RIP

- Xerox[®] FreeFlow[®] Print Server
- Server Class Processors:
 - Opteron[™] Technology
 - Sun Solaris 10
- 2.8 GHz Dual Core Processor with 2 GB memory
- 19" Color flat panel monitor (attached), USB keyboard, USB mouse
- Data Stream Options:
 - TIFF/PCL 5e & PCL6/ASCII-standard Adobe PDF; Adobe PostScript Level 3; Multi-page TIFF; PPML; LCDS/Metacode; IPDS
- Connectivity:
 - Ethernet interface (10/100BaseT; 1 GB)
 - S/370 or S/380 Bus and Tag (optional)

Storage

- Memory: 2 GB (RAM)
- Hard Drive: 160 GB SATA
- DVD+RW Drive (CD write only)
- Second Hard Drive: 1 TB SATA Drive (optional)

*Not available on MX Configuration

Print Submission Drivers

- Microsoft Windows[®] 95 through Windows Vista
- Apple Macintosh[®] OS 8 through Macintosh OS X
- Sun Microsystems[®] Solaris[®] 2.6, 7.x, 8.x, 9.0, 10
- Linux[®] 2.x
- FreeFlow Print Manager for direct PDL submission
- Xerox Web User Interface

Management Tool Support

- IBM[®] Tivoli[®]
- CA[™] Unicenter[®]
- HP OpenView
- SNMP V.1, IETF and Xerox MIB's, Trap Support
- CentreWare[®] Web

Printer Module

Image Quality

- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screens: 125 lpi standard; Optional enhanced line screens: 85, 106, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast, sharpness, Toner Saver
- Semi Conductive Magnetic Brush Technology (SCMB) with Emulsion Aggregation (EA) Toner
- Silicon/Teflon[®] fusing for sharper halftones
- Dual beam Raster Output Scanner (ROS)
- Print path image-to-sheet and front-to-back registration ± .65 mm

Toner

- EA 210,000 prints/9 lb. Bottle (1 Bottle per system, 2nd optional)
- MICR 90,000 prints/11.1 lb. Bottle (2 Bottles per system)

Print Speed

- Simplex 8.5" x 11"/A4 speeds of 100, 120 or 144 impressions per minute
- Simplex 11" x 17"/A3 speeds of 60, 72 or 72 impressions per minute

Media Feeding & Insertion Options

Sheet-feed & Insertion Modules**

- 4-tray
- Total 5,800 sheets per module
- Vacuum Air Shuttle feed system
- Optional second module available
- Tray 1: 1,600 sheets; 5.5" x 8" to 9" x 12.6" (140 mm x 203 mm to 229 mm x 320 mm)
- Tray 2: 3,100 sheets; 5.5" x 8" to 9" x 12.6" (140 mm x 203 mm to 229 mm x 320 mm)
- Tray 3 & 4: 550 sheets each; 7.2" x 8" to 12.6" x 18.5" (182 mm x 203 mm to 320 mm x 470 mm)

High Capacity Sheet-feed & Insertion Modules**

- 2-tray
- Total 3,200 sheets per module
- Vacuum Air Shuttle feed system
- Optional second sheet-feed module available
- Tray 1: 1,600 sheets; 7.2" x 8" to 12.6" x 18.5" (182 mm x 203 mm to 320 mm x 470 mm)
- Tray 2: 1,600 sheets; 7.2" x 8" to 12.6" x 18.5" (182 mm x 203 mm to 320 mm x 470 mm)

EA Media Latitude

- Coated: 60 lb text to 90 lb cover (90 – 250 gsm)
- Uncoated: 16 lb Bond to 90 lb cover (56 – 250 gsm)

MICR Media Latitude

- Coated: 140 gsm or less
- Uncoated: 56 – 250 gsm

**Capacity based on 20 lb bond/75 gsm



Xerox Nuvera® 100/120/144 EA and MX Production Systems

Sheet Enhancement Module

- Post process module provides:
 - Outstanding stack quality
 - Sheet flatness for enhanced reliability of finishing options (booklet makers, perfect binders, stackers, etc.)
 - Automatically adjusts per individual media type
 - Standard with all Basic Finisher Modules and Finishing Transport Module configurations

Multifunction Finisher Professional and Multifunction Finisher Pro Plus

Xerox Nuvera 100/120 EA only

- Top tray: 250 sheet capacity (20 lb bond/75 gsm)
- Stacker: 2,000 sheet capacity (20 lb bond/75 gsm)
- Staple sets of 2 – 100 pages
 - Choice of 50 or 100 sheet staple cartridge
- C-fold (single sheet) 8.5" x 11"/A4
- Z-fold (single sheet) 8.5" x 11"/A4
- Bi-fold (up to 5 sheets) 8.5" x 11"/A4, 8.5" x 13", 8.5" x 14", 11" x 17"/A3
- Saddle-stitch booklet making up to 15 sheets/60 imposed page images (20 lb bond/75 gsm)
- Media Latitude: Uncoated 16 lb bond to 120 lb index (56 – 220 gsm)

Multifunction Finisher Pro Plus only

Insertion Tray

- 200 sheet capacity (20 lb bond/75 gsm)
- Minimum paper size: 7" x 10"/B5
- Maximum paper size: Ledger/A3

Hole Punch

- 2/3 (standard) or 2/4 (optional) Customer Replacement Unit for North America
- 2/4 (standard) or 2/3 (optional) Hole Punch Customer Replacement Unit for Europe
- Minimum paper size: 7" x 10"/B5
- Maximum paper size: 12" x 18"/SRA3
- Media Latitude: Uncoated 16 lb bond to 110 lb index (56 – 200 gsm)

Basic Finisher Module (BFM), Basic Finisher Module Plus, and Basic Finisher Module-Direct Connect (BFM-DC)*

- Top tray: 250 sheet capacity (BFM only)
- Stacker: 3,000 sheet capacity; offset between sets or jobs
- One or two staples, up to 100 sheets
- Size: 5.5" x 8.5" (A5 and SRA3, papers > 12" in cross process direction to top tray only)
- Size: 7" x 10" to 12" x 18" (B5 to A3)
- BFM-DC is Document Finishing Architecture (DFA) compliant and provides direct connection to center-registered finishing devices such as the Xerox® Tape Binder, C.P. Bourg PowerSquare™ 200, and CEM DocuConverter™
- BFM-DC top tray: 5.7" – 19.3" (144 mm x 491 mm)

*Capacity based on 20 lb bond/75 gsm

Plockmatic Pro 30 Booklet Maker

- Easily produce a variety of booklets in one continuous operation
- Designed to support production run lengths
- Handles weights from 64 gsm to 250 gsm and sheet sizes 8.5" x 11" (A4), 11" x 17" (A3) and 12" x 18" (SRA3)
- Optional square fold module flattens the saddle stitch for a squared perfect bind look
- Option to add pre-printed front and back color covers

Duplo DBM-5001

- Hohner stitcher heads, push-button setup and push-button changeover make the booklet maker solution easy to use
- A four-head stitch option allows booklets to be produced two-up on a single sheet
- Pre-printed output can be fed into the DBM-5001 Inline Booklet Maker Walk-up Feeder
- Handles weights from 80 gsm to 300 gsm and sheet sizes 4.7" x 6.7" (120 x 170 mm) to 14.01" x 19.7" (356 x 500 mm)

Electrical Requirements

- 187 – 240 VAC (Nominal), 50 Amp, 50/60 Hz line service for North America
 - DS3500 and DFA Finishers require additional line service and power
- 187 – 240 VAC (Nominal) 30 Amp + 20 Amp, 50/60 Hz line service for Europe
 - Feeders and Finisher modules (BFMs) will require additional power
 - DS3500 and DFA Finishers require additional line service and power
- Power consumption: 0.658 kw (standby); 4.150 kw (running)
- Consult the *Installation Planning Guide* for detailed power requirements

Environmental Requirements

- Temperature: 50° to 87° F (10° to 31° C)
- Relative humidity: 15% to 85%; wet bulb limitation 77° F
- Run mode heat emissions: configuration dependent; consult *Installation Planning Guide*

Certifications

- Section 508 of the Rehabilitation Act
- Corporate Environmental Leadership Team policy of maintaining a waste-free customer office
- UL 60950-1, C-UL Approved for Canada CAN/CSAC222.2 No. 60950-1-3 and IEC 60950-1
- As an Energy Star partner, Xerox Corporation has determined that Xerox Nuvera EA meets the Energy Star guidelines for energy efficiency.

Physical Characteristics**

Sheet Feed and Insertion Module			
Width	Depth	Height	Weight
31.7"	28"	44.6"	423 lbs
805 mm	711.2 mm	1,133 mm	192 kg
Feeder Module with Integrated Scanner			
Width	Depth	Height	Weight
31.7"	28"	49.5"	505 lbs
805 mm	711.2 mm	1,257.3 mm	229 kg
Print Engine			
Width	Depth	Height	Weight
43"	29"	61.6"	793 lbs*
1,092.2 mm	737 mm	1,565 mm	359.23 kg*
Sheet Enhancement Module			
Width	Depth	Height	Weight
15"	28"	41.5"	168 lbs
381 mm	711.2 mm	1,054 mm	76.2 kg
Basic Finisher Module			
Width	Depth	Height	Weight
33"	28"	44.6"	369 lbs
838 mm	711.2 mm	1,133 mm	167.4 kg
Basic Finisher Module Plus & Basic Finisher Module-Direct Connect			
Width	Depth	Height	Weight
49"	28"	44.6"	560 lbs
1,233 mm	711.2 mm	1,133 mm	254 kg
Multifunction Finisher Professional			
Width	Depth	Height	Weight
56.4"	28"	41.5"	445 lbs
1,433 mm	711.2 mm	1,054 mm	202 kg
Multifunction Finisher Pro Plus			
Width	Depth	Height	Weight
56.4"	28"	46.3"	485 lbs
1,433 mm	711.2 mm	1,176 mm	220 kg

**With consumables loaded.

Please reference the specification sheets for Xerox FreeFlow Makeready®, FreeFlow Process Manager® and FreeFlow® Web Services for complete details.



For more information on the Xerox Nuvera EA and MX Production Systems, please contact your Xerox representative, call 1-800-ASK-XEROX, or visit us at www.xerox.com.