

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

Optional Integrated Document Scanning*

Scan Rate

Speed based on A4:

- Simplex: 120 images per minute, 60 sheets per minute
- Duplex: 120 images per minute, 60 sheets per minute

Resolution

- 600 x 600 dpi
- 8-bit Grey (256 shades)
- Maximum scan from platen: 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 (75 gsm)
- Sizes: A5 to A3
- Weights: 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" Colour 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/4Kg Bottle (1 Bottle per system, 2nd optional)
- MICR 90,000 prints/5Kg Bottle (2 Bottles per system)

Print Speed

- Duplex A4 speeds of 100, 120 or 144 impressions per minute
- Simplex A4 speeds of 60 or 72 impressions per minute
- Duplex A3 speeds of 60 or 72 impressions per minute

Media Feeding and Insertion Options

Sheet-feed and Insertion Modules**

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

High Capacity Sheet-feed and 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; 182 mm x 203 mm to 320 mm x 470 mm
- Tray 2: 1,600 sheets; 182 mm x 203 mm to 320 mm x 470 mm

EA Media Latitude

- Coated: 90 – 250 gsm
- Uncoated: 56 – 250 gsm

MICR Media Latitude

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

**Capacity based on 75 gsm



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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 (75 gsm)
- Stacker: 2,000 sheet capacity (75 gsm)
- Staple sets of 2 – 100 pages
 - Choice of 50 or 100 sheet staple cartridge
- C-fold (single sheet) A4
- Z-fold (single sheet) A4
- Bi-fold (up to 5 sheets) A4, A3
- Saddle-stitch booklet making up to 15 sheets/ 60 imposed page images (75 gsm)
- Media Latitude: Uncoated 56 – 220 gsm

Multifunction Finisher Pro Plus only

Insertion Tray

- 200 sheet capacity (75 gsm)
- Minimum paper size: B5
- Maximum paper size: A3

Hole Punch

- 2/4 (standard) or 2/3 (optional) Hole Punch Customer Replacement Unit for Europe
- Minimum paper size: B5
- Maximum paper size: SRA3
- Media Latitude: Uncoated 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: A5 and SRA3, papers >A4 in cross process direction to top tray only
- Size: B5 to A3
- BFM-DC is Document Finishing Architecture (DFA) compliant and provides direct connection to centre-registered finishing devices such as the Xerox Tape Binder, Watkiss PowerSquare™ 200
- BFM-DC top tray: 144 mm x 491 mm

Xerox® DS3500 Stacker

- Replaces Finishing Transport Module
- Capacity of 3,500 sheets
- Document transport capability and full DFA to support Centre or Edge registered output.
- Sheet level jam recovery
- Unload while run/unload on demand functionality
- Interface to all in-line production finishing devices

Xerox Tape Binder**

- Sheets/Book size: 15 to 125 sheets (75 gsm)
- Tray Capacity up to 1,500 sheets
- Binder Tape Strips: 100/cartridge (Black, Dark Blue and White)
- Compatible with BFM-DC or Xerox DS3500 Stacker for in-line access to other finishing devices

Xerox Tape Binder Media Latitude

- A4
 - Body/Insert Stock: 60 – 220 gsm uncoated
 - Covers: 60 – 250 gsm uncoated, 90 – 220 gsm coated
 - Transparencies
- Tabs up to 12.5 mm wide

Electrical Requirements

- 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: 10° to 31° C
- Relative humidity: 15% to 85%; wet bulb limitation 25° C
- 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.

*Capacity based on 75 gsm

**Not compatible with Multifunction Finishers

Physical Characteristics

Sheet Feed and Insertion Module			
Width	Depth	Height	Weight
805 mm	711.2 mm	1,133 mm	192 kg
Feeder Module with Integrated Scanner			
Width	Depth	Height	Weight
805 mm	711.2 mm	1,257.3 mm	229 kg
Print Engine			
Width	Depth	Height	Weight
1,092.2 mm	737 mm	1,565 mm	359.23 kg*
Sheet Enhancement Module			
Width	Depth	Height	Weight
381 mm	711.2 mm	1,054 mm	76.2 kg
Basic Finisher Module			
Width	Depth	Height	Weight
838 mm	711.2 mm	1,133 mm	167.4 kg
Basic Finisher Module Plus & Basic Finisher Module-Direct Connect			
Width	Depth	Height	Weight
1,233 mm	711.2 mm	1,133 mm	254 kg
Xerox DS3500 Stacker			
Width	Depth	Height	Weight
889 mm	711.2 mm	1,137 mm	218 kg
Multifunction Finisher Professional			
Width	Depth	Height	Weight
1,433 mm	711.2 mm	1,054 mm	202 kg
Multifunction Finisher Pro Plus			
Width	Depth	Height	Weight
1,433 mm	711.2 mm	1,176 mm	220 kg
Xerox Tape Binder			
Width	Depth	Height	Weight
870 mm	708 mm	1,080 mm	160kg

*With consumables loaded.

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

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