

Xerox Nuvera® 120/144/157 EA and MX Production Systems

Print Controller

RIP

- FreeFlow® Print Server
- Server Class Processors:
 - Oracle® Solaris® 11.3
- Quad Core 3.2 GHz processor with 8 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™ – includes support for TrueType fonts (UTF-8)
 - S/370 or S/380 Bus and Tag (optional)
- Connectivity:
 - Ethernet interface (10/100BaseT; 1 GB)

Storage

- Memory: 8 GB (RAM)
- Hard Drive: 500 GB SATA
- DVD+RW Drive (CD write only)
- Second Hard Drive: 1 TB SATA Drive (optional)

Security

- Oracle® Solaris® 11.3
- Four administrator-selectable security modes and levels
- Fully customisable profiles for each level
- Encrypted job-submission modes
- Secure print mode (restricts page reprints)
- IP address access filtering
- Strong password support
- Data overwrite option

Print Submission Drivers

- Windows® 7
- Windows Vista® [Service Pack 2]
- Windows® XP [Service Pack 3] or later
- Windows Server® 2008
- Windows Server® 2003 [Service Pack 2]
- Mac OS X 10.7 Lion
- Mac OS X 10.6 Snow Leopard
- Mac OS X 10.5 Leopard
- FreeFlow® Print Manager for direct PDL submission
- Web User Interface

Management Tool Support

- IBM Tivoli
- CA Unicentre
- HP OpenView
- SNMP V.1, IETF and MIBs, 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 ± 0.65 mm

Toner

- EA 210000 prints/4 kg bottle (1 bottle per system, second optional)
- MICR 90000 prints/5 kg bottle (2 bottles per system)

Print Speed

- Simplex/duplex A4 speeds of 120, 144 or 157 impressions per minute
- Simplex/duplex A3 speeds of 72 or 78 impressions per minute

Media Feeding and Insertion Options

Sheet-feed and Insertion Modules*

- 4-tray
- Total 5800 sheets per module
- Vacuum Air Shuttle feed system
- Optional second module available
- Tray 1: 1600 sheets; 140 x 210 mm to 229 x 320 mm
- Tray 2: 3100 sheets; 140 x 210 mm to 229 x 320 mm
- Tray 3 and 4: 550 sheets each; 182 x 203 mm to 320 x 470 mm

Large Format Sheet-feed and Insertion Modules*

- 2-tray
- Total 3200 sheets per module
- Vacuum Air Shuttle feed system
- Optional second sheet-feed module available
- Tray 1: 1600 sheets; 182 x 203 mm to 320 x 491 mm
- Tray 2: 1600 sheets; 182 x 203 mm to 320 x 491 mm

EA Media Latitude

- Uncoated: 49 to 300 gsm
- Coated: 90 to 300 gsm

MICR Media Latitude

- Uncoated: 49 to 300 gsm
- Coated: 90 to 140 gsm

* Capacity based on 75 gsm paper.



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Sheet Enhancement Module

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

Multifunction Finisher Professional and Multifunction Finisher Pro Plus

(Available on Xerox Nuvera® 120 EA only)

Multifunction Finisher Professional*1

- Top tray: 250 sheets
- Stacker: 2000 sheets
- Staple sets of 2 to 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 to 220 gsm

Multifunction Finisher Pro Plus also includes:

Insertion Tray*1

- 200 sheets
- Minimum paper size: B5
- Maximum paper size: A3

Hole Punch

- 2/4 (standard) Hole Punch
- Minimum paper size: B5
- Maximum paper size: SRA3 (320 x 450 mm)
- Media Latitude: Uncoated 56 to 200 gsm

Xerox® Production Stacker*1

Maximum stack capacity

- 2850 sheets
- 2600 sheets with Stack Cart kit (Option)
- Stack-nesting design enables the delivery of up to 2850 sheets at a time – without interruption.
- Unload while run (with one/each unit) keeps production moving.
- Top Tray: 250 sheets
- Media Sizes:
 - Top Tray: 140 x 203 mm to 320 x 491 mm
 - Bypass with Rotation: 178 x 203 mm to 320 x 364 mm
 - Bypass without Rotation: 140 x 203 mm to 320 x 491 mm
 - Stacker: 178 x 203 mm to 320 x 491 mm
- Specialty Media: Carbonless, Tabs, NeverTear and Pre-printed Offset
- Maximum number of stackers per configuration: 3
- Optional Stack Cart

Xerox® IntegratedPLUS Finishing Solution for Booklets*2

- Eliminates the need for skilled prepress operators to prepare files according to finisher specifications.
- Eliminates manual programming at the finishing device and reduces the risk of error because the necessary parameters (e.g., page imposition, page ordering and trimming) are set automatically when a job enters your workflow.
- Extends the convenience and cost effectiveness of automated finishing to multiple printers (Fuji Xerox and non-Fuji Xerox) without the need for multiple, dedicated in-line finishing devices.
- Maximises productivity by enabling prints to be output to stack carts at full rated print speed, while available finishing device binds other jobs at its full rated speed.
- Easy to manage a mix of jobs that includes diverse finishing requirements and short print runs.

Electrical Requirements

- AC200 - 240 V (Nominal), 30 A + 20 A, 50/60 Hz common
 - Feeders and Finisher modules (BFMs) will require additional power
 - Xerox® Production Stacker and DFA Finishers require additional line service and power

Environmental Requirements

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

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

Physical Characteristics*3

Sheet Feed and Insertion Module			
Width	Depth	Height	Weight
805 mm	711.2 mm	1133 mm	192 kg
Print Engine			
Width	Depth	Height	Weight
1092.2 mm	737 mm	1565 mm	359.23 kg
Sheet Enhancement Module			
Width	Depth	Height	Weight
381 mm	711.2 mm	1054 mm	76.2 kg
Xerox® Production Stacker			
Width	Depth	Height	Weight
889 mm	768.4 mm	1137 mm	237kg
Multifunction Finisher Professional			
Width	Depth	Height	Weight
1433 mm	711.2 mm	1054 mm	202 kg
Multifunction Finisher Pro Plus			
Width	Depth	Height	Weight
1433 mm	711.2 mm	1176 mm	220 kg

*1: Capacity based on 75 gsm paper.

*2: Availability depends on location.

*3: With consumables loaded.

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For more information or detailed product specification, please call or visit us at

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