

Xerox Nuvera[®] 200/288/314 EA and MX Perfecting Production Systems

Print Controller

RIP

- Xerox[®] FreeFlow[®] Print Server
- Parallel RIP (available for PDF, PS, VIPP[®] data streams)
- 3.0 GHz Dual Core Processor (optional second dual core processor with additional 8 GB memory)
- Server Class Processors:
 - AMD Opteron[®] Technology
 - Sun[™] Solaris[™] 10 OS
- 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[™] – includes support for QR barcodes, TrueType fonts (UTF-8)
 - S/370 or S/380 Bus and Tag (optional)
- Connectivity:
 - Ethernet interface (10/100BaseT; 1 GB)

Storage

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

Print Submission Drivers

- Microsoft[®] Windows[®] 95 through Windows 7.0
- 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

Security

- Solaris 10 OS
- Four administrator-selectable security modes and levels
- Fully customizable profiles for each level
- Encrypted job-submission modes
- Secure print mode (restricts page reprints)
- IP address access filtering
- Strong password support
- Data overwrite option

Management Tool Support

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

Printer Module

Image Quality

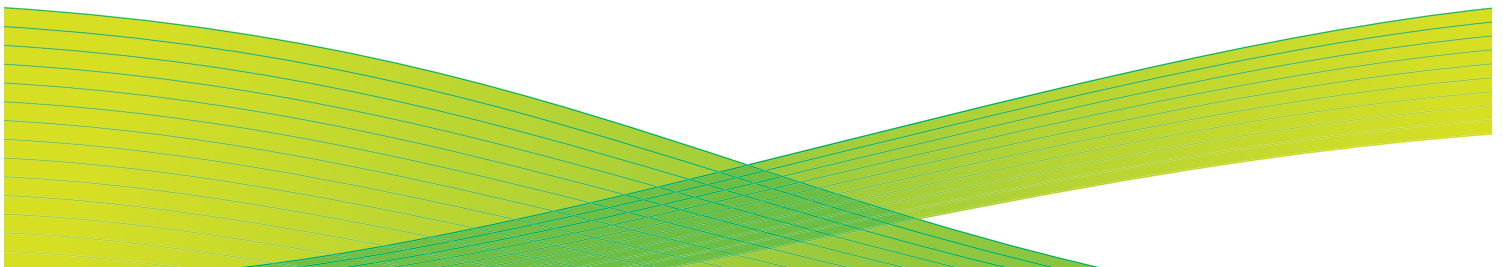
- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screen: 85, 106, 125, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast, Toner Saver
- Semi Conducting Magnetic Brush Technology (SCMB) with Emulsion Aggregation (EA) toner
- Silicon/Teflon fusing for sharper halftones
- Dual beam Raster Output Scanner (ROS)
- Print path image-to-sheet and front-to-back registration ± 0.65 mm

Toner

- EA Toner: 210,000 prints/9 lb bottle (1 bottle per system, second optional)
- MICR Toner: 90,000 prints/11.1 lb bottle (2 bottles per system)

Print Speed

- Duplex 8.5" x 11"/A4 speeds of 200, 288 or 314 impressions per minute
- Duplex 11" x 17"/A3 speeds of 120, 144 or 157 impressions per minute



Xerox Nuvera® 200/288/314 EA and MX Perfecting 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

Media Feeding and Insertion Options

Sheet-feed and Insertion Modules*

- 4-tray
- Total 5,800 sheets per module
- Vacuum Air Shuttle feed system
- Optional: up to four modules available in any combination
- Tray 1: 1,600 sheets; 5.5" x 8.3" to 9" x 12.6" (140 mm x 210 mm to 229 mm x 320 mm)
- Tray 2: 3,100 sheets; 5.5" x 8.3" to 9" x 12.6" (140 mm x 210 mm to 229 mm x 320 mm)
- Tray 3 and 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)

Oversized High Capacity Sheet-feed and Insertion Modules*

- 2-tray
- Total 3,200 sheets per module
- Vacuum Air Shuttle feed system
- Optional second module available
- Tray 1: 1,600 sheets; 7.2" x 8" to 12.6" x 19.3" (182 mm x 203 mm to 320 mm x 491 mm)
- Tray 2: 1,600 sheets; 7.2" x 8" to 12.6" x 19.3" (182 mm x 203 mm to 320 mm x 491 mm)

EA Media Latitude

- Coated: 60 lb text to 90 lb cover (90 – 280 gsm)
- Uncoated: 16 lb bond to 90 lb cover (56 – 280 gsm)

MICR Media Latitude

- Coated: 140 gsm or less
- Uncoated: 56 – 280 gsm

Xerox® Production Stacker

Maximum stack capacity

- (2,850/2,600 with Stack Cart Kit)
Stack-nesting design enables the delivery of up to 2,850 sheets at a time—without interruption. Unload while run (with one/each unit) keeps production moving.
- Top Tray: 250 sheets (80 gsm)
- Xerox® DS3500 Stacker: 3,500 single sheets (80 gsm), 7,000 dual sheets (80 gsm) and 13.8 in. (350.5 mm)

*Capacity based on 20 lb bond/75 gsm

- Media Sizes:
 - Top Tray: 5.5" x 8.3" to 12.6" x 19.3" (140 mm x 203 mm to 320 mm x 491 mm)
 - Bypass with Rotation: 7" x 8" to 12.6" x 14.3" (177.8 mm x 254 mm to 320 mm x 364 mm)
 - Bypass without Rotation: 5.5" x 8" to 12.6" x 19.3" (140 mm x 203.2 mm to 320 mm x 491 mm)
 - Stacker: 7" x 8" to 12.6" x 19.3" (177.8 mm x 203.2 mm to 320 mm x 491 mm)
- Specialty Media: Carbonless, Tabs, NeverTear and Pre-printed Offset
- Compatibility: Xerox Nuvera 100/120/144/157 EA and MX
- Maximum number of stackers per configuration: 3
- Optional Stack Cart

Xerox® IntegratedPLUS Finishing Solution for Booklets

- 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 (Xerox® and non-Xerox®) without the need for multiple, dedicated in-line finishing devices.
- Maximizes 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

- Dual 187 – 240 VAC (nominal), 50 Amp, 50/60 Hz line service for North America
- DS3500 and DFA Finishers will require additional line service and power
- Dual 187 – 240 VAC (Nominal), 30 Amp (one for each Print Engine and Sheet Enhancement Module) for Europe
- Feeders and Finisher Modules will require additional power
- DS3500 and DFA Finishers will require additional line power
- Optional modules require standard 100 – 240 VAC, 50/60 Hz line service
- Power consumption: 1.316 kW (standby); 8.300 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

- Corporate Environmental Leadership
Team policy of maintaining a waste-free customer office
- UL 60950-1, C-UL Approved for Canada CAN/CSA-C222.2 No. 60950-1-3 and IEC 60951-1

Physical Characteristics**

| Sheet Feed and Insertion Module | | | |
|---------------------------------|----------|----------|-----------|
| Width | Depth | Height | Weight |
| 31.7" | 28" | 44.6" | 423 lb |
| 805 mm | 711.2 mm | 1,133 mm | 192 kg |
| Print Engine(s) | | | |
| Width | Depth | Height | Weight |
| 88" | 29" | 61.6" | 1,600 lb* |
| 2,229 mm | 737 mm | 1,565 mm | 726 kg* |
| Sheet Enhancement Module | | | |
| Width | Depth | Height | Weight |
| 15" | 28" | 41.5" | 168 lb |
| 381 mm | 711.2 mm | 1,054 mm | 76.2 kg |
| Xerox® Production Stacker | | | |
| Width | Depth | Height | Weight |
| 35" | 30.25" | 44.6" | 523 lb |
| 889 mm | 768.4 mm | 1,133 mm | 237 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 Xerox Nuvera 200/288/314 EA and MX Perfecting Production Systems, call 1-800-ASK-XEROX or visit us at www.xerox.com

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