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; PPMI; 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 (RAM)
- Hard Drive: 500 GB SATA
- DVD+RW Drive (CD write only)
- Second Hard Drive: 1 TB SATA Drive (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
- 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 MIBs, Trap Support
- Xerox® CentreWare® Web Software

PRINTER MODULE

Image Quality
- 1200 x 1200 dpi RIP resolution
- 6800 x 600 dpi print resolution
- Halftone 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 Fuser
- 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

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 8.5” to 9” x 12.6” (140 mm x 210 mm to 229 mm x 320 mm)
- Tray 2: 3,100 sheets; 5.5” x 8.5” 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)

*Capacity based on 20 lb bond/75 gsm
EA MEDIA LATITUDE
- Uncoated: 52 – 300 gsm
- Coated: 90 – 300 gsm

MICR MEDIA LATITUDE
- Uncoated: 52 – 300 gsm
- Coated: 90 – 140 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” (350.5 mm)
- 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 203.2 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® INTEGRATED PLUS 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
- DS35000 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 60950-1

**PHYSICAL CHARACTERISTICS**

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<th>Sheet Feed and Insertion Module</th>
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<th>Depth</th>
<th>Height</th>
<th>Weight</th>
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<tbody>
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<td></td>
<td>31.7”</td>
<td>28”</td>
<td>44.6”</td>
<td>423 lb</td>
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<tr>
<td>805 mm</td>
<td>711.2 mm</td>
<td>1,133 mm</td>
<td>192 kg</td>
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<td>88”</td>
<td>29”</td>
<td>61.6”</td>
<td>1,600 lb*</td>
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<td>2,229 mm</td>
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<td>1,565 mm</td>
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<th>Weight</th>
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<td>1,054 mm</td>
<td>76.2 kg</td>
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*Capacity based on 20 lb bond/75 gsm
**With consumables loaded.


For more information visit [xerox.com](http://xerox.com)