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
• 6800 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 half tones
• 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
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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

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)

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 215 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)
• Stackers: 7’’ x 8’’ to 12.6’’ x 19.3’’ (177.8 mm x 203.2 mm to 320 mm x 491 mm)

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
• Feeder and Finisher Modules will require additional power
• DS3500 and DFA Finishers will require additional line power

Sheet enhancement modules
• 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**

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<tr>
<th>Sheet Feed and Insertion Module</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>31.7”</td>
<td>28”</td>
<td>44.6”</td>
<td>1,133 mm</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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<table>
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<tr>
<th>Print Engine(s)</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
<th>Weight</th>
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<tbody>
<tr>
<td>88”</td>
<td>2,229 mm</td>
<td>737 mm</td>
<td>1,565 mm</td>
<td>726 kg</td>
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<tr>
<td>29”</td>
<td>1,565 mm</td>
<td>1,133 mm</td>
<td>76.2 kg</td>
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<table>
<thead>
<tr>
<th>Sheet Enhancement Module</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>15”</td>
<td>381 mm</td>
<td>711.2 mm</td>
<td>1,054 mm</td>
<td>168 lb</td>
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<tr>
<td>28”</td>
<td>77.5”</td>
<td>44.6”</td>
<td>72.5”</td>
<td>899 mm</td>
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<tr>
<td>889 mm</td>
<td>1,133 mm</td>
<td>237 kg</td>
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</table>

*Capacity based on 20 lb bond/75 gsm
**With consumables loaded.

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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