

# Xerox Nuvera<sup>®</sup> 200/288/314 EA and MX Perfecting Production Systems

## Print Controller

### RIP

- Xerox<sup>®</sup> FreeFlow<sup>®</sup> Print Server
- Parallel RIP (available for PDF, PS, VIPP<sup>®</sup> data streams)
- 3.0 GHz Dual Core Processor (optional second dual core processor with additional 8 GB memory)
- Server Class Processors:
  - AMD Opteron<sup>®</sup> Technology
  - Sun<sup>™</sup> Solaris<sup>™</sup> 10 OS
- 19" color flat panel monitor (attached), USB keyboard, USB mouse
- Data Stream Options:
  - TIFF/PCL<sup>®</sup> 5e & PCL6/ASCII-standard Adobe<sup>®</sup> PDF; Adobe PostScript<sup>®</sup> Level 3; Multi-page TIFF; PPML; LCDS/Metacode; IPDS<sup>™</sup> – 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<sup>®</sup> Windows<sup>®</sup> 95 through Windows 7.0
- Apple<sup>®</sup> Macintosh<sup>®</sup> OS 8 through Macintosh OS X<sup>®</sup>
- Sun Microsystems<sup>™</sup> Solaris 2.6, 7.x, 8.x, 9.0, 10
- Linux<sup>®</sup> 2.x
- FreeFlow Print Manager for direct PDL submission
- Xerox<sup>®</sup> 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<sup>®</sup> Tivoli<sup>®</sup>
- CA Unicenter<sup>®</sup>
- HP<sup>®</sup> OpenView<sup>®</sup>
- SNMP V.1, IETF and Xerox<sup>®</sup> MIBs, Trap Support
- CentreWare<sup>®</sup> Web

## Printer Module

### Image Quality

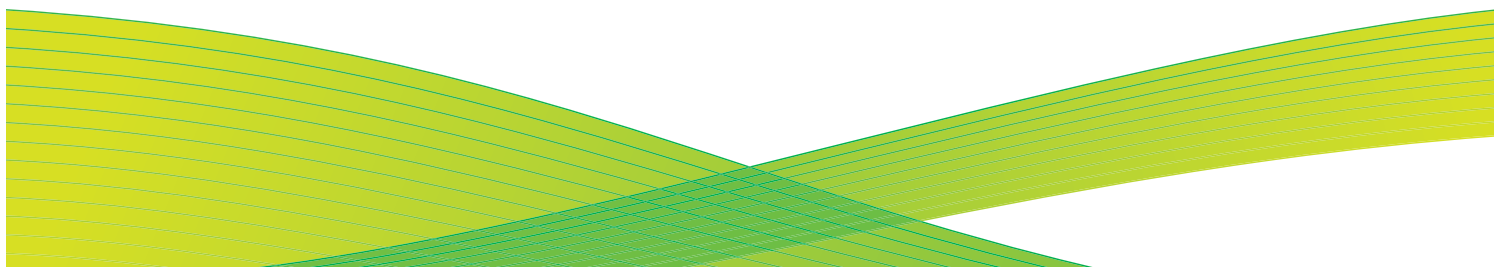
- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screen: 85, 106, 125, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast, Toner Saver
- Semi Conducting Magnetic Brush Technology (SCMB) with Emulsion Aggregation (EA) toner
- Silicon/Teflon fusing for sharper 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](http://www.xerox.com)

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