

Xerox Nuvera® 200/288/314 EA 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" 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™
- 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 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

Management Tool Support

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

Printer Module

Image Quality

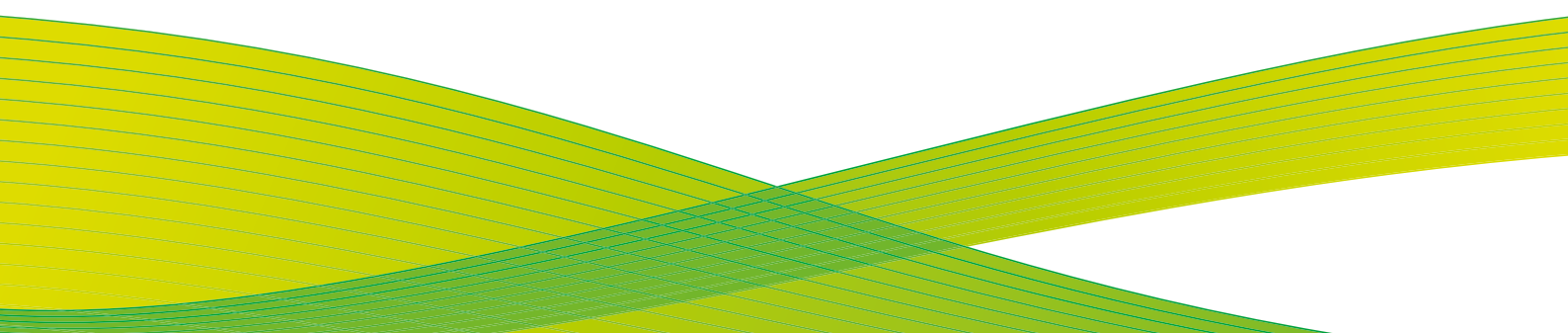
- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screen: 85, 106, 125, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast, Toner Saver
- Semi Conducting Magnetic Brush Technology (SCMB) with Emulsion Aggregation (EA) toner
- Silicon/Teflon fusing for sharper 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/4 kg bottle (1 bottle per system, second optional)
- MICR Toner: 90,000 prints/5 kg bottle (2 bottles per system)

Print Speed

- Duplex A4 speeds of 200, 288 or 314 impressions per minute
- Duplex 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 three modules available in any combination
- Tray 1: 1,600 sheets; 140 mm x 210 mm to 229 mm x 320 mm
- Tray 2: 3,100 sheets; 140 mm x 210 mm to 229 mm x 320 mm
- Tray 3 and 4: 550 sheets each; 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; 182 mm x 203 mm to 320 mm x 491 mm
- Tray 2: 1,600 sheets; 182 mm x 203 mm to 320 mm x 491 mm

EA Media Latitude

- Coated: 90 – 280 gsm
- 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)

- Media Sizes:
 - Top Tray: 140 mm x 203 mm to 320 mm x 491 mm
 - Bypass with Rotation: 177.8 mm x 254 mm to 320 mm x 364 mm
 - Bypass without Rotation: 140 mm x 203.2 mm to 320 mm x 491 mm
 - Stacker: 177.8 mm x 203.2 mm to 320 mm x 491 mm
- Speciality Media: Carbonless, Tabs, NeverTear and Pre-printed Offset
- Compatibility: Xerox Nuvera 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.
- 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

- Dual 187 – 240 VAC (Nominal), 30 Amp (one for each Print Engine and Sheet Enhancement Module)
 - Feeders and Finisher Modules will require additional power
 - DS3500 and DFA Finishers will require additional line power
- Optional modules require standard 200 – 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: 10° to 31° C
- Relative humidity: 15% to 85%
- 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
805 mm		1,133 mm	192 kg
Print Engine(s)			
Width	Depth	Height	Weight
2,229 mm	737 mm	1,565 mm	726 kg*
Sheet Enhancement Module			
Width	Depth	Height	Weight
381 mm	711 mm	1,054 mm	76.2 kg
Xerox® Production Stacker			
Width	Depth	Height	Weight
889 mm	769 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.

*Capacity based on 75 gsm