

# Xerox Nuvera<sup>®</sup> 200/288 EA 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 4 GB memory)
- Server Class Processors:
  - Opteron<sup>™</sup> 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)
  - S/370 or S/380 Bus and Tag (optional)

### Storage

- Memory: 4 GB
- Hard Drive: 160 GB SATA
- DVD+RW Drive (CD write only)
- Second Hard Drive: 1 TB SATA (optional)

### Print Submission Drivers

- Microsoft Windows<sup>®</sup> 95 through Windows<sup>®</sup> XP Professional. Windows<sup>®</sup> Vista will be available post launch
- Apple Macintosh<sup>®</sup> OS 8 through Macintosh<sup>®</sup> OS X
- Sun Microsystems<sup>®</sup> Solaris<sup>®</sup> 2.6, 7.x, 8.x, 9.0, 10
- Linux<sup>®</sup> 2.x
- FreeFlow<sup>®</sup> Print Manager for direct PDL submission
- Xerox Web User Interface

## Management Tool Support

- IBM<sup>®</sup> Tivoli<sup>®</sup>
- CA<sup>™</sup> Unicenter<sup>®</sup>
- HP OpenView
- SNMP V.1, IETF and Xerox MIB's, 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<sup>®</sup> fusing for sharper halftones
- Dual beam Raster Output Scanner (ROS)
- Print path image-to-sheet and front-to-back registration ± .65 mm

### Toner

- EA Toner: 210,000 prints/4Kg Bottle (1 Bottle per system, 2nd optional)

### Print Speed

- Duplex A4 speeds of 200 or 288 impressions per minute
- Duplex A3 speeds of 120 or 144 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 three modules available in any combination
- Tray 1: 1,600 sheets; 140 mm x 203 mm to 229 mm x 320 mm
- Tray 2: 3,100 sheets; 140 mm x 203 mm to 229 mm x 320 mm
- Tray 3 & 4: 550 sheets each; 182 mm x 203 mm to 320 mm x 470 mm

\* Capacity based on 80 gsm



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## 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: 90-250 gsm
- Uncoated: 56-250 gsm

## Basic Finisher Module (BFM), Basic Finisher Module ByPass, and Basic Finisher Module-Direct Connect (BFM-DC)\*

- Top tray: 250 sheet capacity (BFM only)
- Stacker: 3,000 sheet capacity; offset between sets or jobs
- One or two staples, up to 100 sheets
- Size: A5 and SRA3, papers >A4 in cross process direction to top tray only
- Size: B5 to A3
- BFM-DC is Document Finishing Architecture (DFA) compliant and provides direct connection to centre-registered finishing devices such as the Xerox Tape Binder, Watkiss PowerSquare™ 200, and CEM DocuConverter™
- BFM-DC top tray: 144 mm x 491 mm
- GBC eBinder

## Xerox® DS3500 Stacker

- Replaces Finishing Transport Module
- Capacity of 3,500 sheets
- Document transport capability and full DFA to support Centre or Edge registered output.
- Sheet level jam recovery
- Unload while run/unload on demand functionality
- Interface to all in-line production finishing devices

\*Capacity based on 80 gsm

## Duplo DBM-5001

- Hohner stitcher heads, push-button setup and push-button changeover make the booklet maker solution easy to use
- A four-head stitch option allows booklets to be produced two-up on a single sheet
- Pre-printed output can be fed into the DBM-5001 Inline Booklet Maker Walk-up Feeder
- Handles weights from 80 gsm to 300 gsm and sheet sizes 120 x 170 mm to 356 x 500 mm

## New! Dual Xerox Tape Binders

- Sheets/Book size: 15 to 120 sheets (80 gsm)
- Tray capacity up to 1,500 sheets (maximum 30 books)
- Binder Tape Strips: 100/cartridge (Black, Dark Blue and White; Red in A4 only)
- Compatible with BFM-DC or Xerox DS3500 Stacker for in-line access to other finishing devices
- Available in a dual configuration that allows print engine to utilise both finishers within the same job for added productivity

## Xerox Tape Binder Media Latitude

- A4
  - Body/Insert Stock: 60-220 gsm uncoated
  - Covers: 60-250 gsm uncoated, 90-220 gsm coated
  - Transparencies
- Tabs up to 12.5 mm wide

## Electrical Requirements

- 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 240 VAC, 50 Hz line service
- Power consumption: 1.316 kw (standby); 8.300 kw (running)
- Consult *Installation Planning Guide* for detailed power requirements

## Environmental Requirements

- Temperature: 10° to 31° C
- Relative humidity: 15% to 85%; wet bulb limitation 25° C
- 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	711.2 mm	1,133 mm	192 kg
Print Engine(s)			
Width	Depth	Height	Weight
2,229 mm	737 mm	1,565 mm	726 kg <sup>1</sup>
Sheet Enhancement Module			
Width	Depth	Height	Weight
381 mm	711.2 mm	1,054 mm	76.2 kg
Basic Finisher Module			
Width	Depth	Height	Weight
838 mm	711.2 mm	1,133 mm	167.4 kg
Basic Finisher Module ByPass and Basic Finisher Module-Direct Connect			
Width	Depth	Height	Weight
1,233 mm	711.2 mm	1,133 mm	254 kg
Xerox DS3500 Stacker			
Width	Depth	Height	Weight
889 mm	711.2 mm	1,137 mm	218 kg
Xerox Tape Binder <sup>2</sup>			
Width	Depth	Height	Weight
870 mm	708 mm	1,080 mm	160 kg

<sup>1</sup>With consumables loaded.

<sup>2</sup>Double the dimensions for a Dual Xerox Tape Binder

Please reference the specification sheets for Xerox FreeFlow Makeready®, FreeFlow Process Manager® and FreeFlow® Web Services for complete details.

[www.xerox.com](http://www.xerox.com)

