

# Xerox Nuvera® 200/288/314 EA and MX Perfecting Production System

## SPECIFICATIONS



### PRINT CONTROLLER

#### RIP

- Xerox® FreeFlow® Print Server
- Parallel RIP (available for PDF, PS, Xerox® 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® 11 OS
- 19" color flat panel monitor (attached), USB keyboard, USB mouse
- Data Stream options:
  - TIFF/PCL®5e and PCL6/ASCII-standard Adobe® PDF; Adobe PostScript® Level 3; Multi-page TIFF; PPML; LCDS/Metacode; IPDS™—includes support for QR barcodes, True Type® fonts (UTF-8)
- Connectivity:
  - Ethernet interface (10/100BaseT; 1 GB)

### STORAGE

- Memory: 8 GB (RAM)
- Hard Drive: 500 GB SATA
- DVD + RW Drive (CD write only)
- Optional: 1 TB SATA Drive

### PRINT SUBMISSION DRIVERS

- Microsoft® Windows® up to Windows 10
- Apple® Macintosh® through OS X®
- Sun Microsystems™ Solaris 2.6, 7.x, 8.x, 9.0, 10
- Linux® 2.x
- Web User Interface

### SECURITY

- Solaris 11 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

### PRINTER MODULE

#### Image Quality

- 1200 x 1200 dpi RIP resolution
- 4800 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
- 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 (one bottle per system, second optional)
- MICR Toner: 90,000 prints/11.1 lb bottle (two 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\*

- Four trays
- 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 x 210 mm to 229 x 320 mm)
- Tray 2: 3,100 sheets; 5.5 x 8.3" to 9 x 12.6" (140 x 210 mm to 229 x 320 mm)
- Tray 3 and 4: 550 sheets each; 7.2 x 8" to 12.6 x 18.5" (182 x 203 mm to 320 x 470 mm)

### OVERSIZED HIGH CAPACITY SHEET-FEED AND INSERTION MODULES\*

- Two trays
- 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 x 203 mm to 320 x 491 mm)
- Tray 2: 1,600 sheets; 7.2 x 8" to 12.6 x 19.3" (182 x 203 mm to 320 x 491 mm)

\*Capacity based on 20 lb Bond/75 gsm

\*\*EA Configuration only

# Xerox Nuvera® 200/288/314 EA and MX

## Perfecting Production System

### SPECIFICATIONS

#### EA MEDIA LATITUDE

- Uncoated: 44–300 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 x 203 mm to 320 x 491 mm)
  - Bypass with Rotation: 7 x 8" to 12.6 x 14.3" (177.8 x 254 mm to 320 x 364 mm)
  - Bypass without Rotation: 5.5 x 8" to 12.6 x 19.3" (140 x 203.2 mm to 320 x 491 mm)
  - Stacker: 7 x 8" to 12.6 x 19.3" (177.8 x 203.2 mm to 320 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

\*Capacity based on 20 lb Bond/75 gsm

#### 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 inline 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
- 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

#### 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                    |          |          |            |
| 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"    | 532 lb     |
| 889 mm                          | 768.4 mm | 1,133 mm | 237 kg     |

\*\*With consumables loaded

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