

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



## 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" colour 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 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

## 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 (1 bottle per system, second optional)
- MICR Toner: 90,000 prints/11.1 lb bottle (2 bottles per system)

### Print Speed

- Duplex A4/8.5 x 11" speeds of 200, 288 or 314\*\* impressions per minute
- Duplex A3/11 x 17" 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; 140 x 210 mm to 229 x 320 mm (5.5 x 8.3" to 9 x 12.6")
- Tray 2: 3,100 sheets; 140 x 210 mm to 229 x 320 mm (5.5 x 8.3" to 9 x 12.6")
- Tray 3 and 4: 550 sheets each; 182 x 203 mm to 320 x 470 mm (7.2 x 8" to 12.6 x 18.5")

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

\*Capacity based on 75 gsm/20 lb Bond  
\*\*EA Configuration only

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

## 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 350.5 mm (13.8")
- Media Sizes:
  - Top Tray: 140 x 203 mm to 320 x 491 mm (5.5 x 8.3" to 12.6 x 19.3")
  - Bypass with Rotation: 177.8 x 254 mm to 320 x 364 mm (7 x 8" to 12.6 x 14.3")
  - Bypass without Rotation: 140 x 203.2 mm to 320 x 491 mm (5.5 x 8" to 12.6 x 19.3")
  - Stacker: 177.8 x 203.2 mm to 320 x 491 mm (7 x 8" to 12.6 x 19.3")
- 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 75 gsm/20 lb Bond

## 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.
- 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), 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: 10° to 31°C (50° to 87°F)
- 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
805 mm	711.2 mm	1,133 mm	192 kg
31.7"	28"	44.6"	423 lb
Print Engine			
Width	Depth	Height	Weight
2,229 mm	737 mm	1,565 mm	726 kg**
88"	29"	61.6"	1,600 lb**
Sheet Enhancement Module			
Width	Depth	Height	Weight
381 mm	711.2 mm	1,054 mm	76.2 kg
15"	28"	41.5"	168 lb
Xerox® Production Stacker			
Width	Depth	Height	Weight
889 mm	768.4 mm	1,133 mm	237 kg
35"	30.25"	44.6"	532 lb

\*\*With consumables loaded.

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