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®Se 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

**PRINT 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
- MICR Toner: 90,000 prints/11.1 lb bottle

**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

**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 18.5" (182 x 203 mm to 320 x 470 mm)
- Tray 2: 1,600 sheets; 7.2 x 8" to 12.6 x 18.5" (182 x 203 mm to 320 x 470 mm)
- Capacity based on 20 lb Bond/75 gsm
- **EA Configuration only**

**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)
- **EA Configuration only**

**CAPACITY BASED ON 20 LB BOND/75 GSM**

**CAPACITY BASED ON 20 LB BOND/75 GSM**
Xerox Nuvera® 200/288/314 EA and MX
Perfecting Production System

**Environmental Requirements**
- Temperature: 50°F to 87°F (10°C 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**

<table>
<thead>
<tr>
<th>Component</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet-Feed and Insertion Module</td>
<td>31.7&quot;</td>
<td>28&quot;</td>
<td>44.6”</td>
<td>423 lb</td>
</tr>
<tr>
<td></td>
<td>805 mm</td>
<td>711.2 mm</td>
<td>1,133 mm</td>
<td>192 kg</td>
</tr>
<tr>
<td>Print Engine</td>
<td>88&quot;</td>
<td>29&quot;</td>
<td>61.6”</td>
<td>1,600 lb</td>
</tr>
<tr>
<td></td>
<td>2,229 mm</td>
<td>737 mm</td>
<td>1,565 mm</td>
<td>726 kg</td>
</tr>
<tr>
<td>Sheet Enhancement Module</td>
<td>15&quot;</td>
<td>28&quot;</td>
<td>41.5”</td>
<td>168 lb</td>
</tr>
<tr>
<td></td>
<td>381 mm</td>
<td>711.2 mm</td>
<td>1,054 mm</td>
<td>76.2 kg</td>
</tr>
<tr>
<td>Xerox® Production Stacker</td>
<td>35&quot;</td>
<td>30.25&quot;</td>
<td>44.6”</td>
<td>532 lb</td>
</tr>
<tr>
<td></td>
<td>889 mm</td>
<td>768.4 mm</td>
<td>1,133 mm</td>
<td>237 kg</td>
</tr>
</tbody>
</table>

**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

**Specifications**
- Xerox® Integrated Plus 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

**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**

<table>
<thead>
<tr>
<th>Component</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Stack Capacity</td>
<td>2,850/2,600 with Stack Cart Kit</td>
<td>15.5 x 8.3” to 12.6 x 19.3” (140 x 203.2 mm to 320 x 491 mm)</td>
<td>177.8 x 203.2 mm to 320 x 491 mm</td>
<td>20 lb Bond/75 gsm</td>
</tr>
<tr>
<td></td>
<td>Top Tray: 250 sheets (80 gsm)</td>
<td>Bypass with Rotation: 7 x 8” to 12.6 x 19.3” (140 x 203.2 mm to 320 x 491 mm)</td>
<td>Bypass without Rotation: 5.5 x 8” to 12.6 x 19.3” (140 x 203.2 mm to 320 x 491 mm)</td>
<td>20 lb Bond/75 gsm</td>
</tr>
<tr>
<td></td>
<td>Xerox® DS3500 Stacker: 3,500 single sheets (80 gsm), 7,000 dual sheets (80 gsm) and 13.8” (350.5 mm)</td>
<td>Stack: 7 x 8” to 12.6 x 19.3” (177.8 x 203.2 mm to 320 x 491 mm)</td>
<td>Specialty Media: Carbonless, Tabs, NeverTear, and Pre-printed Offset</td>
<td>20 lb Bond/75 gsm</td>
</tr>
<tr>
<td></td>
<td>Xerox® Nuvera® 100/120/144/157 EA and MX</td>
<td>Compatibility: Xerox Nuvera® 100/120/144/157 EA and MX</td>
<td>Maximum number of stackers per configuration: 3</td>
<td>20 lb Bond/75 gsm</td>
</tr>
<tr>
<td></td>
<td>Optional Stack Cart</td>
<td>Optional Stack Cart</td>
<td>Optional Stack Cart</td>
<td>20 lb Bond/75 gsm</td>
</tr>
</tbody>
</table>

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