Xerox Nuvera® 100/120/144/157 EA and MX Production Systems

**OPTIONAL INTEGRATED DOCUMENT SCANNING***

**Scan Rate**
- Speed based on 8.5" x 11"/A4:
  - Simplex: 120 images per minute
  - Duplex: 120 images per minute

**Resolution**
- 600 x 600 dpi
- 8-bit gray (256 shades)
- Maximum scan from platen: 12" x 18" (305 mm x 457 mm)
- High resolution, high signal-to-noise image sensor
- Scan to file resolution: 300, 400, 600, 1200 dpi

**Automatic Document Feeder**
- Capacity: 300 sheets (20 lb bond/75 gsm)
- Sizes: 5.5" x 8.5" to 11" x 17" (A5 to A3)
- Weights: 13 lb bond to 80 lb cover (49 – 220 gsm)

**Print Controller**
- RIP
  - Xerox® FreeFlow® Print Server
- Server Class Processors:
  - AMD Opteron™ Technology
  - Sun™ Solaris™ 10
- 3.0 GHz Dual Core Processor with 8 GB memory
- 19” color flat panel monitor (attached), USB keyboard, USB mouse
- Data Stream Options:
  - TIFF/PCL® 6e & PCL6/ASCII-standard
  - Adobe® PDF; Adobe PostScript® Level 3; Multi-page TIFF; PPMI; LCDS/Metacode; IPDS™ – includes support for QR barcodes, TrueType fonts (UTF-8)
  - S/370 or S/380 Bus and Tag (optional)
- Connectivity:
  - Ethernet interface (10/100BaseT; 1 GB)
- 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 210,000 prints/9 lb bottle
  (1 bottle per system, second optional)
- MICR 90,000 prints/11.1 lb bottle
  (2 bottles per system)

**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
- Web User Interface

**Management Tool Support**
- IBM® Tivoli®
- CA Unicenter®
- HP® OpenView®
- SNMP V.1, IETF and MIBs, Trap Support
- CentreWare® Web

**Printer Module**

**Image Quality**
- 1200 x 1200 dpi RIP resolution
- 1200 x 600 dpi print resolution
- Halftone screens: 125 lpi standard; optional enhanced line screens: 85, 106, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast sharpness, Toner Saver

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

**Print Speed**
- Simplex 8.5" x 11"/A4 speeds of 100, 120, 144 or 157 impressions per minute
- Simplex 11" x 17"/A3 speeds of 60, 72 or 78 impressions per minute

**Media Feeding and Insertion Options**

**Sheet-feed and Insertion Modules**
- 4-tray
- Total 5,800 sheets per module
- Vacuum Air Shuttle feed system
- Optional second module available
- Tray 1: 1,600 sheets; 5.5" x 8.3" to 9" x 12.6"
  (140 mm x 210 mm to 229 mm x 320 mm)
- Tray 2: 1,600 sheets; 5.5" x 8.3" to 9" x 12.6"
  (140 mm x 210 mm to 229 mm x 320 mm)
- Tray 3 and 4: 550 sheets each; 7.2" x 8" to
  12.6" x 18.5" (182 mm x 203 mm to
  320 mm x 470 mm)

**High Capacity Sheet-feed and Insertion Modules**
- 2-tray
- Total 3,200 sheets per module
- Vacuum Air Shuttle feed system
- Optional second sheet-feed module available
- Tray 1: 1,600 sheets; 7.2" x 8" to 12.6" x 19.3"
  (182 mm x 203 mm to 320 mm x 491 mm)
- Tray 2: 1,600 sheets; 7.2" x 8" to 12.6" x 19.3"
  (182 mm x 203 mm to 320 mm x 491 mm)

**EA Media Latitude**
- Uncoated: 52 – 300 gsm
- Coated: 90 – 300 gsm

*Not available on MX configuration

** EA MEDIA LATITUDE**

*Capacity based on 20 lb bond/75 gsm
Xerox Nuvera® 100/120/144/157 EA and MX Production Systems

**MICR MEDIA LATITUDE**
- Uncoated: 52 – 300 gsm
- Coated: 90 – 140 gsm

**SHEET ENHANCEMENT MODULE**
- Past 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
  - Standard with all Basic Finisher Modules and Finishing Transport Module configurations

**MULTIFUNCTION FINISHER PROFESSIONAL AND MULTIFUNCTION FINISHER PRO PLUS**
(Available on Xerox Nuvera® 100/120 EA)

- **Multifunction Finisher Professional**
  - Top tray: 250 sheet capacity (20 lb bond/75 gsm)
  - Stacker: 2,000 sheet capacity (20 lb bond/75 gsm)
  - Staple sets of 2 – 100 pages
    - Choice of 50 or 100 sheet staple cartridge
  - C-fold (single sheet) 8.5" x 11"/A4
  - Z-fold (single sheet) 8.5" x 11"/A4
  - Bi-fold (up to 5 sheets) 8.5" x 11"/A4, 8.5" x 13", 8.5" x 14", 11" x 17"/A3
  - Saddle-stitch booklet making up to 15 sheets/60 imposed page images (20 lb bond/75 gsm)
  - Media Latitude: Uncoated 16 lb bond to 120 lb index (56 – 220 gsm)

- **Multifunction Finisher Pro Plus also includes:**
  - Insertion Tray
    - 200 sheet capacity (20 lb bond/75 gsm)
    - Minimum paper size: 7" x 10"/BS
    - Maximum paper size: Ledger/A3
  - Hole Punch
    - 2/3 (standard) or 2/4 (optional)
  - Customer Replacement Unit for North America
  - 2/4 (standard) Hole Punch Customer Replacement Unit for Europe
  - Minimum paper size: 7" x 10"/BS
  - Maximum paper size: 12" x 18"/5RA3
  - Media Latitude: Uncoated 16 lb bond to 110 lb index (56 – 200 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 in. (350.5 mm)
    - Media Sizes:
      - Top Tray: 5.5" x 8.3" to 12.6" x 19.3" (139.7 mm x 210 mm to 320 mm x 491 mm)
      - Bypass with Rotation: 7" x 8" to 12.6" x 14.3" (177.8 mm x 203.2 mm to 320 mm x 364 mm)
      - Bypass without Rotation: 5.5" x 8" to 12.6" x 19.3" (139.7 mm x 203.2 mm to 320 mm x 491 mm)
      - Stacker: 7" x 8" to 12.6" x 19.3" (177.8 mm x 203.2 mm to 320 mm 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

**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 in-line 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**
- 187 – 240 VAC (Nominal), 50 Amp, 50/60 Hz line service for North America
  - DS3500 and DFA Finishers require additional line service and power
- 187 – 240 VAC (Nominal) 30 Amp + 20 Amp, 50/60 Hz line service for Europe
  - Feeders and Finisher modules (BFMs) will require additional power
  - DS3500 and DFA Finishers require additional line service and power
  - 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

**CERTIFICATIONS**
- Section 508 of the Rehabilitation Act
- Corporate Environmental Leadership Team policy of maintaining a waste-free customer office
- UL 60950-1, C-UL Approved for Canada CAN/CSA C22.2 No. 60950-1 and IEC 60950-1
- As an ENERGY STAR® partner, Xerox Corporation has determined that Xerox Nuvera® EA meets the ENERGY STAR guidelines for energy efficiency.

**PHYSICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Sheet Feed and Insertion Module</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.7&quot;</td>
<td>28&quot;</td>
<td>711.2 mm</td>
<td>1,133 mm</td>
<td>423 lbs</td>
</tr>
<tr>
<td>805 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Feeder Module with Integrated Scanner</strong></td>
<td>Width</td>
<td>Depth</td>
<td>Height</td>
<td>Weight</td>
</tr>
<tr>
<td>43&quot;</td>
<td>29&quot;</td>
<td>737 mm</td>
<td>1,565 mm</td>
<td>359.23 kg*</td>
</tr>
<tr>
<td><strong>Print Engine</strong></td>
<td>Width</td>
<td>Depth</td>
<td>Height</td>
<td>Weight</td>
</tr>
<tr>
<td>35&quot;</td>
<td>30.25&quot;</td>
<td>768.4 mm</td>
<td>1,133 mm</td>
<td>532 lbs</td>
</tr>
<tr>
<td><strong>Multifunction Finisher Professional</strong></td>
<td>Width</td>
<td>Depth</td>
<td>Height</td>
<td>Weight</td>
</tr>
<tr>
<td>56.4&quot;</td>
<td>28&quot;</td>
<td>711.2 mm</td>
<td>1,054 mm</td>
<td>168 lbs</td>
</tr>
<tr>
<td>1,433 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Multifunction Finisher Pro Plus</strong></td>
<td>Width</td>
<td>Depth</td>
<td>Height</td>
<td>Weight</td>
</tr>
<tr>
<td>56.4&quot;</td>
<td>28&quot;</td>
<td>711.2 mm</td>
<td>1,176 mm</td>
<td>220 kg</td>
</tr>
<tr>
<td>1,433 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**With consumables loaded.**

For more information visit xerox.com